

TECHNIC

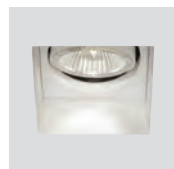
1.2

**RANDLOS /
RIMLESS**

STRAHLER /
SPOTLIGHTS

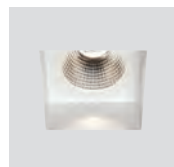
1.2

RANDLOS / RIMLESS STRAHLER / SPOTLIGHTS



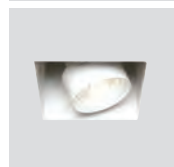
CAVE

T. 032



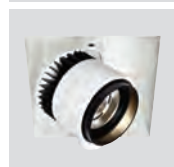
SION

T. 035



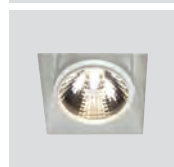
GAMIN

T. 036



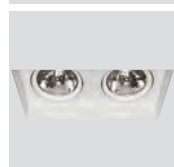
GAMON

T. 039



CARDIO

T. 041



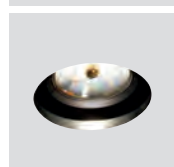
2LOOK4LIGHT

T. 042



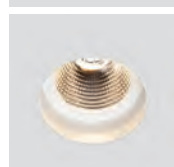
INVADER

T. 044



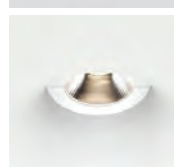
MATRIX

T. 046



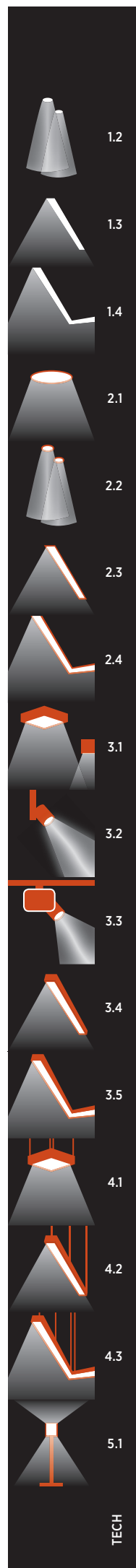
SION ROUND

T. 047



BARBASPOT

T. 051





CAVE BACK QR-C		PROJECT PICTURE > page 40-41					12 V		excl. 10 12.5 15		145		85 x 85		▲		↑		
QR-CBC5V/GU5.3	ENERGY LABEL	STANDARD	ART.-NO		01-25	TECHN. OPTIONS	€		▲	↑	125		70	70	125	70	70	125	
			50 W	A+ - C ²			12018	DALI-DIMM			1-10 V-DIMM	STANDARD							DALI / 1-10 V
> T. 375												* ± 200 mm bei dimmbaren Trafos. * ± 200 mm for dimmable transformers.		...10 ...12 ...15 ↑ MM 10 12,5 15				ORDER-EXAMPLE: ◆ white 12.5 mm ↑ 12	

CAVE QR-C		PROJECT PICTURE > page 40-41					12 V		excl. 40°		10 12.5 15		100		85 x 85		▲		↑	
QR-CBC5V/GU5.3	ENERGY LABEL	STANDARD	ART.-NO		01-25	TECHN. OPTIONS	€		▲	↑	90		70	70	90	70	70	90		
			50 W	A+ - C ²			12016	DALI-DIMM			1-10 V-DIMM	STANDARD							DALI / 1-10 V	
> T. 375												* ± 120 mm bei dimmbaren Trafos. * ± 120 mm for dimmable transformers.		...10 ...12 ...15 ↑ MM 10 12,5 15				ORDER-EXAMPLE: ◆ white 12.5 mm ↑ 12		

CAVE CDM-Rm		PROJECT PICTURE > page 40-41					excl. 10 12.5 15		130		85 x 85		▲		↑				
CDM-RM/GX10	ENERGY LABEL	STANDARD	ART.-NO		01-25	TECHN. OPTIONS	€		▲	↑	115		70	70	115	70	70		
			20 / 35 W	A ²			12045	DALI-DIMM			1-10 V-DIMM	STANDARD						DALI / 1-10 V	
> T. 375												* ± 200 mm bei dimmbaren Trafos. * ± 200 mm for dimmable transformers.		...10 ...12 ...15 ↑ MM 10 12,5 15				ORDER-EXAMPLE: ◆ white 12.5 mm ↑ 12	

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.

CAVE QPAR-16

PROJECT PICTURE > page 40-41

230 V

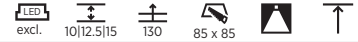


QPAR16 / GZ10	ENERGY LABEL	STANDARD	ART.-NO			01-25	TECHN. OPTIONS	€		
			STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V	
50 W	A++ - D ²	12031				◆	↑			
			CE							
									...10 ...12 ...15 10 12,5 15	ORDER-EXAMPLE: ◆ ↑ 12031 - 03 12

CAVE LED

PROJECT PICTURE > page 40-41

500 mA



LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO			01-25	TECHN. OPTIONS	€		
					STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V	
2700 K	10.5 / 800	> 90	A++ - A ¹	12042				◆	↑			
3000 K	10.5 / 880	> 90	A++ - A ¹	12043				◆	↑			
4000 K	10.5 / 1140	> 80	A++ - A ¹	12044				◆	↑			
						CE						
									...10 ...12 ...15 10 12,5 15	REFLECTOR	...24 ...32 ...50 24° 32° 50°	ORDER-EXAMPLE: ◆ ↑ 12042- 03 12 50 white 12.5 mm 50°

CAVE DOUBLE QR-C

12 V



QR-CBC51/GU5.3	ENERGY LABEL	STANDARD	ART.-NO			01-25	TECHN. OPTIONS	€			
			STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V		
2x 50 W	A+ - C ²	12019				◆	↑				
						CE					
									...10 ...12 ...15 10 12,5 15	* ±120 mm bei dimmbaren Trafos. * ±120 mm for dimmable transformers.	ORDER-EXAMPLE: ◆ ↑ 12019- 03 12 white 12.5 mm

CAVE DOUBLE CDM-Rm

excl.



CDM-RM/GX10	ENERGY LABEL	STANDARD	ART.-NO			01-25	TECHN. OPTIONS	€			
			STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V		
2x 20/35 W	A ²	12047				◆	↑				
						CE					
									...10 ...12 ...15 10 12,5 15		ORDER-EXAMPLE: ◆ ↑ 12047- 03 12 white 12.5 mm

CAVE DOUBLE QPAR-16

230 V



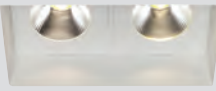



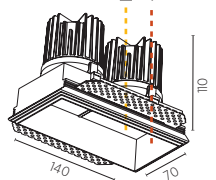

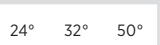
QPAR16 / GZ10	ENERGY LABEL	STANDARD	ART.-NO			01-25	TECHN. OPTIONS	€		
			STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V	
2x 50 W	A++ - D ²	12032				◆	↑			
			CE							
									...10 ...12 ...15 10 12,5 15	ORDER-EXAMPLE: ◆ ↑ 12032- 03 12 white 12.5 mm

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.





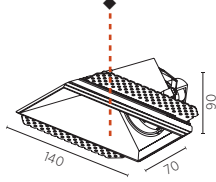

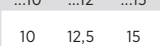
2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.

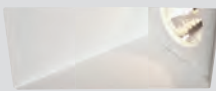



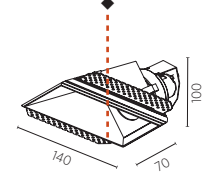

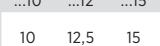
CAVE DOUBLE LED

LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO			01-25	TECHN. OPTIONS	€		10/12,5/15	130	155 x 85	110
					DALI-DIMM	1-10 V-DIMM	STANDARD			DALI / 1-10 V					
2700 K	2x 10.5/800	> 90	A++ - A ¹	12063				◆	▲						
3000 K	2x 10.5/880	> 90	A++ - A ¹	12064				◆	▲						
4000 K	2x 10.5/1140	> 80	A++ - A ¹	12065				◆	▲						
							 > T. 374								
									...24 ...32 ...50				ORDER-EXAMPLE: ◆ ▲ 12063- 03 12 50 white 12.5 mm 50°		





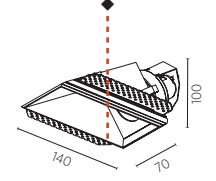


CAVE ASYMMETRIC QR-C

QR-CBC5V/GU5.3	W	ENERGY LABEL	STANDARD	ART.-NO			01-25	TECHN. OPTIONS	€		10/12,5/15	100	150 x 85	90
				DALI-DIMM	1-10 V-DIMM	STANDARD			DALI / 1-10 V					
50 W		A+ - C ²	12017				◆	▲						
							 > T. 375							
									...10 ...12 ...15				ORDER-EXAMPLE: ◆ ▲ 12017 - 03 12 white 12.5 mm	





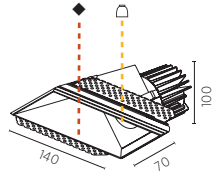

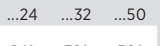
CAVE ASYMMETRIC CDM-Rm

CDM-RM/GX10	W	ENERGY LABEL	STANDARD	ART.-NO			01-25	TECHN. OPTIONS	€		10/12,5/15	110	150 x 85	100
				DALI-DIMM	1-10 V-DIMM	STANDARD			DALI / 1-10 V					
20 / 35 W		A ²	12046				◆	▲						
							 > T. 375							
									...10 ...12 ...15				ORDER-EXAMPLE: ◆ ▲ 12046 - 03 12 white 12.5 mm	

CAVE ASYMMETRIC QPAR-16

QPAR16 / GZ10	W	ENERGY LABEL	STANDARD	ART.-NO			01-25	TECHN. OPTIONS	€		10/12,5/15	110	150 x 85	100
				DALI-DIMM	1-10 V-DIMM	STANDARD			DALI / 1-10 V					
50 W		A++ - D ²	12033				◆	▲						
							 > T. 375							
									...10 ...12 ...15				ORDER-EXAMPLE: ◆ ▲ 12033- 03 12 white 12.5 mm	

CAVE ASYMMETRIC LED

LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO			01-25	TECHN. OPTIONS	€		10/12,5/15	110	150 x 85	100
					DALI-DIMM	1-10 V-DIMM	STANDARD			DALI / 1-10 V					
2700 K	10.5 / 800	> 90	A++ - A ¹	12060				◆	▲						
3000 K	10.5 / 880	> 90	A++ - A ¹	12061				◆	▲						
4000 K	10.5 / 1140	> 80	A++ - A ¹	12062				◆	▲						
							 > T. 374								
									...24 ...32 ...50				ORDER-EXAMPLE: ◆ ▲ 12060- 03 12 50 white 12.5 mm 50°		

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.

2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



SION SQUARE		PROJECT PICTURE > page 46						500 mA		LED excl.		150		105 x 105		▲		↑	
LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO			TECHN. OPTIONS	€										
					DALI-DIMM	1-10 V-DIMM	STANDARD		DALI / 1-10 V										
					2700 K	17 / 1800	> 90		A++ - A'	12056			◆	▲					
					3000 K	17 / 2000	> 90		A++ - A'	12057			◆	▲					
4000 K	17 / 2210	> 90	A++ - A'	12058	◆	▲													
> T. 374																			
						...10 ...12 ...15 ...25 ...30 ▲		REFLECTOR		...17 ...37 ...60		ORDER-EXAMPLE: ◆ ▲ 12056-03 12 60 white 12.5 mm 60°							
				MM		10 12,5 15 25 30				17° 37° 60°									

SION DOUBLE		PROJECT PICTURE > page 46						500 mA		LED excl.		150		205 x 105		▲		↑	
LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO			TECHN. OPTIONS	€										
					DALI-DIMM	1-10 V-DIMM	STANDARD		DALI / 1-10 V										
					2700 K	2x17 / 1800	> 90		A++ - A'	12066			◆	▲					
					3000 K	2x17 / 2000	> 90		A++ - A'	12067			◆	▲					
4000 K	2x17 / 2210	> 90	A++ - A'	12068	◆	▲													
> T. 374																			
						...10 ...12 ...15 ...25 ...30 ▲		REFLECTOR		...17 ...37 ...60		ORDER-EXAMPLE: ◆ ▲ 12066-03 12 60 white 12.5 mm 50°							
				MM		10 12,5 15 25 30				17° 37° 60°									

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.



GMIN CDM-Rm		PROJECT PICTURE > page 42										excl.		180°		± 30°		10 12.5 15		200		105 x 105		▲		↑	
CDM-RM/GX10	ENERGY LABEL	ART.-NO			01-25	01-25	TECHN. OPTIONS	€		STANDARD DALI / 1-10 V																	
		STANDARD	DALI-DIMM	1-10 V-DIMM				STANDARD	DALI / 1-10 V																		
20 / 35 W	A ²	12025			◆	●	↑																				
										> T. 375																	
										...10 ...12 ...15 ↑ MM 10 12,5 15				ORDER-EXAMPLE: ◆ ● ↑ 12025- 03 03 12													

GMIN QPAR-16		PROJECT PICTURE > page 42										230 V		180°		± 30°		10 12.5 15		200		105 x 105		▲		↑	
QPAR16 / GX10	ENERGY LABEL	ART.-NO			01-25	01-25	TECHN. OPTIONS	€		STANDARD DALI / 1-10 V																	
		STANDARD	DALI-DIMM	1-10 V-DIMM				STANDARD	DALI / 1-10 V																		
50 W	A++ - D ²	12026			◆	●	↑																				
										> T. 375																	
										...10 ...12 ...15 ↑ MM 10 12,5 15				ORDER-EXAMPLE: ◆ ● ↑ 12026- 03 03 12													

GMIN DOUBLE CDM-Rm		PROJECT PICTURE > page 42										excl.		180°		± 30°		10 12.5 15		200		105 x 205		▲		↑	
CDM-RM/GX10	ENERGY LABEL	ART.-NO			01-25	01-25	TECHN. OPTIONS	€		STANDARD DALI / 1-10 V																	
		STANDARD	DALI-DIMM	1-10 V-DIMM				STANDARD	DALI / 1-10 V																		
2x 20 / 35 / 50 W	A ²	12028			◆	●	↑																				
										> T. 375																	
										...10 ...12 ...15 ↑ MM 10 12,5 15				ORDER-EXAMPLE: ◆ ● ↑ 12028- 03 03 12													

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.

GAMIN DOUBLE QPAR-16

				230 V		180°		±30°		10 12,5 15		200		105 x 205								
QPAR16 / GZ10	ENERGY LABEL	STANDARD	ART.-NO	DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	€		STANDARD	DALI / 1-10 V										
									STANDARD	DALI / 1-10 V												
2x 50W	A++ - D ²	12029				◆	●	↑														
												<table border="1"> <tr> <td>...10</td> <td>...12</td> <td>...15</td> </tr> <tr> <td>MM</td> <td>10</td> <td>12,5</td> <td>15</td> </tr> </table>		...10	...12	...15	MM	10	12,5	15		
...10	...12	...15																				
MM	10	12,5	15																			
												<table border="1"> <tr> <td>white</td> <td>white</td> </tr> <tr> <td>12029- 03</td> <td>03 12</td> </tr> </table>		white	white	12029- 03	03 12					
white	white																					
12029- 03	03 12																					

GAMIN QR111

				PROJECT PICTURE > page 42		12 V		excl.		180°		± 30°		150		140 x 140										
QR-111/G53	ENERGY LABEL	STANDARD	ART.-NO	DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	€		STANDARD	DALI / 1-10 V														
									STANDARD	DALI / 1-10 V																
100 W	A - C ²	12001				◆		↑																		
												<table border="1"> <tr> <td>...10</td> <td>...12</td> <td>...15</td> <td>...25</td> <td>...30</td> </tr> <tr> <td>MM</td> <td>10</td> <td>12,5</td> <td>15</td> <td>25</td> <td>30</td> </tr> </table>		...10	...12	...15	...25	...30	MM	10	12,5	15	25	30		
...10	...12	...15	...25	...30																						
MM	10	12,5	15	25	30																					
												<table border="1"> <tr> <td>white</td> <td>white</td> </tr> <tr> <td>12001- 03</td> <td>03 12</td> </tr> </table>		white	white	12001- 03	03 12									
white	white																									
12001- 03	03 12																									

GAMIN HIR111

				PROJECT PICTURE > page 42		12 V		excl.		180°		± 30°		180		140 x 140										
HIR 111-CE/GX8.5	ENERGY LABEL	STANDARD	ART.-NO	DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	€		STANDARD	DALI / 1-10 V														
									STANDARD	DALI / 1-10 V																
35 / 70 W	A - B ²	12002				◆		↑																		
												<table border="1"> <tr> <td>...10</td> <td>...12</td> <td>...15</td> <td>...25</td> <td>...30</td> </tr> <tr> <td>MM</td> <td>10</td> <td>12,5</td> <td>15</td> <td>25</td> <td>30</td> </tr> </table>		...10	...12	...15	...25	...30	MM	10	12,5	15	25	30		
...10	...12	...15	...25	...30																						
MM	10	12,5	15	25	30																					
												<table border="1"> <tr> <td>white</td> <td>white</td> </tr> <tr> <td>12002- 03</td> <td>03 12</td> </tr> </table>		white	white	12002- 03	03 12									
white	white																									
12002- 03	03 12																									

GAMIN FRONT QR111

				PROJECT PICTURE > page 42		12 V		excl.		180°		± 30°		110		140 x 140										
QR-111/G53	ENERGY LABEL	STANDARD	ART.-NO	DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	€		STANDARD	DALI / 1-10 V														
									STANDARD	DALI / 1-10 V																
100 W	A - C ²	12003				◆		↑																		
												<table border="1"> <tr> <td>...10</td> <td>...12</td> <td>...15</td> <td>...25</td> <td>...30</td> </tr> <tr> <td>MM</td> <td>10</td> <td>12,5</td> <td>15</td> <td>25</td> <td>30</td> </tr> </table>		...10	...12	...15	...25	...30	MM	10	12,5	15	25	30		
...10	...12	...15	...25	...30																						
MM	10	12,5	15	25	30																					
												<table border="1"> <tr> <td>white</td> <td>white</td> </tr> <tr> <td>12003- 03</td> <td>03 12</td> </tr> </table>		white	white	12003- 03	03 12									
white	white																									
12003- 03	03 12																									

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.

GAMIN FRONT HIR111

LAMP	ENERGY LABEL	STANDARD	ART.-NO		01-25	TECHN. OPTIONS	€		140	140 x 140	↑
			HIR III-CE/GX8.5	STANDARD			DALI-DIMM	1-10 V-DIMM			
35 / 70 W	A - B ²	12004			◆	↑					
									ORDER-EXAMPLE: ◆ ↑ white 12.5 mm 12004 - 03 12		

GAMIN BACK QR111

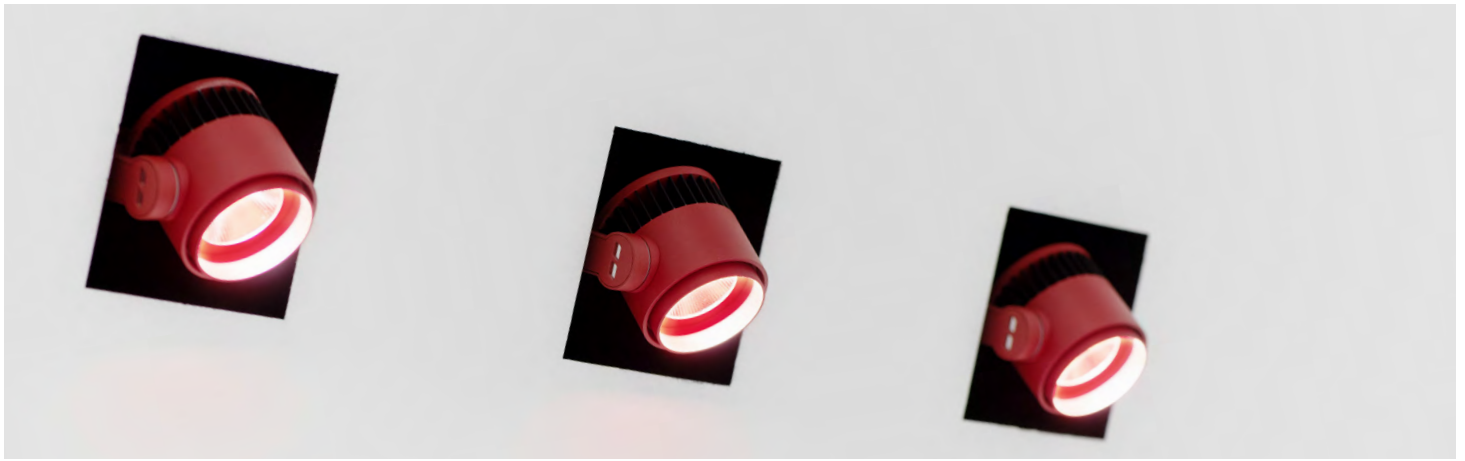
LAMP	ENERGY LABEL	STANDARD	ART.-NO		01-25	TECHN. OPTIONS	€		150	140 x 140	↑
			QR-III/G53	STANDARD			DALI-DIMM	1-10 V-DIMM			
100 W	A - C ²	12005			◆	↑					
									ORDER-EXAMPLE: ◆ ↑ white 12.5 mm 12005 - 03 12		

GAMIN BACK HIR111

LAMP	ENERGY LABEL	STANDARD	ART.-NO		01-25	TECHN. OPTIONS	€		180	140 x 140	↑
			HIR III-CE/GX8.5	STANDARD			DALI-DIMM	1-10 V-DIMM			
35 / 70 W	A - B ²	12006			◆	↑					
									ORDER-EXAMPLE: ◆ ↑ white 12.5 mm 12006 - 03 12		

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.

2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



GAMON QT-LP12				12 V		excl.		180°		± 80°		215		140 x 140		↑																																																						
 QT-12/GY6.35	ENERGY LABEL	ART.-NO			 01-25	 01-25	 01-25	TECHN. OPTIONS	€		 140 x 140	 ↑	 180°	 ± 80°	 215	 140 x 140	 ↑																																																					
		STANDARD	DALI-DIMM	1-10 V-DIMM					STANDARD	DALI / 1-10 V																																																												
75 W	A++ - C ²	12007			◆	▲	●	↑	⬇																																																													
> T. 375 																																																																						
<table border="1"> <tr> <td>MM</td> <td>...10</td> <td>...12</td> <td>...15</td> <td>...25</td> <td>...30</td> <td>↑</td> <td>REFLECTOR</td> <td>...10</td> <td>...20</td> <td>...30</td> <td>⬇</td> <td>ORDER-EXAMPLE:</td> <td>◆</td> <td>▲</td> <td>●</td> <td>↑</td> <td>⬇</td> </tr> <tr> <td></td> <td>10</td> <td>12,5</td> <td>15</td> <td>25</td> <td>30</td> <td></td> <td></td> <td>10°</td> <td>20°</td> <td>30°</td> <td></td> <td>12007- 03</td> <td>03</td> <td>03</td> <td>03</td> <td>12</td> <td>30</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>white</td> <td>white</td> <td>white</td> <td>12,5 mm</td> <td>30°</td> <td></td> </tr> </table>																	MM	...10	...12	...15	...25	...30	↑	REFLECTOR	...10	...20	...30	⬇	ORDER-EXAMPLE:	◆	▲	●	↑	⬇		10	12,5	15	25	30			10°	20°	30°		12007- 03	03	03	03	12	30													white	white	white	12,5 mm	30°	
MM	...10	...12	...15	...25	...30	↑	REFLECTOR	...10	...20	...30	⬇	ORDER-EXAMPLE:	◆	▲	●	↑	⬇																																																					
	10	12,5	15	25	30			10°	20°	30°		12007- 03	03	03	03	12	30																																																					
												white	white	white	12,5 mm	30°																																																						

GAMON HIT-TM				12 V		excl.		180°		± 80°		215		140 x 140		↑																																																						
 HIT -TM-MINI/ PGJ5	ENERGY LABEL	ART.-NO			 01-25	 01-25	 01-25	TECHN. OPTIONS	€		 140 x 140	 ↑	 180°	 ± 80°	 215	 140 x 140	 ↑																																																					
		STANDARD	DALI-DIMM	1-10 V-DIMM					STANDARD	DALI / 1-10 V																																																												
20 / 35 W	A+ ²	12008			◆	▲	●	↑	⬇																																																													
> T. 375 																																																																						
<table border="1"> <tr> <td>MM</td> <td>...10</td> <td>...12</td> <td>...15</td> <td>...25</td> <td>...30</td> <td>↑</td> <td>REFLECTOR</td> <td>...16</td> <td>...30</td> <td>...52</td> <td>⬇</td> <td>ORDER-EXAMPLE:</td> <td>◆</td> <td>▲</td> <td>●</td> <td>↑</td> <td>⬇</td> </tr> <tr> <td></td> <td>10</td> <td>12,5</td> <td>15</td> <td>25</td> <td>30</td> <td></td> <td></td> <td>16°</td> <td>30°</td> <td>52°</td> <td></td> <td>12008- 03</td> <td>03</td> <td>03</td> <td>03</td> <td>12</td> <td>52</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>white</td> <td>white</td> <td>white</td> <td>12,5 mm</td> <td>52°</td> <td></td> </tr> </table>																	MM	...10	...12	...15	...25	...30	↑	REFLECTOR	...16	...30	...52	⬇	ORDER-EXAMPLE:	◆	▲	●	↑	⬇		10	12,5	15	25	30			16°	30°	52°		12008- 03	03	03	03	12	52													white	white	white	12,5 mm	52°	
MM	...10	...12	...15	...25	...30	↑	REFLECTOR	...16	...30	...52	⬇	ORDER-EXAMPLE:	◆	▲	●	↑	⬇																																																					
	10	12,5	15	25	30			16°	30°	52°		12008- 03	03	03	03	12	52																																																					
												white	white	white	12,5 mm	52°																																																						


GAMON LED				350 mA		excl.		180°		± 80°		215		140 x 140		↑																																																						
 LED	W / LUMEN	CRI	ENERGY LABEL	ART.-NO			 01-25	 01-25	 01-25	TECHN. OPTIONS	€		 140 x 140	 ↑	 180°	 ± 80°	 215	 140 x 140	 ↑																																																			
				STANDARD	DALI-DIMM	1-10 V-DIMM					STANDARD	DALI / 1-10 V																																																										
2700 K	11.3 / 1280	> 90	A++ - A ¹	12077			◆	▲	●	↑																																																												
3000 K	11.3 / 1460	> 90	A++ - A ¹	12078			◆	▲	●	↑																																																												
4000 K	11.3 / 1610	> 90	A++ - A ¹	12079			◆	▲	●	↑																																																												
> T. 374 																																																																						
<table border="1"> <tr> <td>MM</td> <td>...10</td> <td>...12</td> <td>...15</td> <td>...25</td> <td>...30</td> <td>↑</td> <td>REFLECTOR</td> <td>...24</td> <td>...32</td> <td>...50</td> <td>⬇</td> <td>ORDER-EXAMPLE:</td> <td>◆</td> <td>▲</td> <td>●</td> <td>↑</td> <td>⬇</td> </tr> <tr> <td></td> <td>10</td> <td>12,5</td> <td>15</td> <td>25</td> <td>30</td> <td></td> <td></td> <td>24°</td> <td>32°</td> <td>50°</td> <td></td> <td>12077- 03</td> <td>03</td> <td>02</td> <td>02</td> <td>12</td> <td>50</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>white</td> <td>white</td> <td>black</td> <td>12,5 mm</td> <td>50°</td> <td></td> </tr> </table>																	MM	...10	...12	...15	...25	...30	↑	REFLECTOR	...24	...32	...50	⬇	ORDER-EXAMPLE:	◆	▲	●	↑	⬇		10	12,5	15	25	30			24°	32°	50°		12077- 03	03	02	02	12	50													white	white	black	12,5 mm	50°	
MM	...10	...12	...15	...25	...30	↑	REFLECTOR	...24	...32	...50	⬇	ORDER-EXAMPLE:	◆	▲	●	↑	⬇																																																					
	10	12,5	15	25	30			24°	32°	50°		12077- 03	03	02	02	12	50																																																					
												white	white	black	12,5 mm	50°																																																						

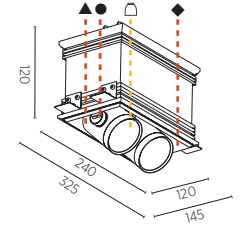
1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.


Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.

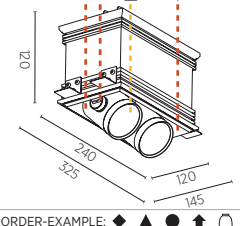
GAMON DOUBLE QT-LP12

				12 V	excl.	180°	± 80°	215	148 x 268								
	QT-12/GY6.35		ENERGY LABEL	STANDARD	ART.-NO	1-10 V-DIMM	01-25	01-25	01-25	TECHN. OPTIONS	€						
	2x 75 W		A++ - C ²	12085	DALI-DIMM		◆	▲	●	↑	↓						
				U > T. 375	CE	0.5m	◆	▲	●	↑	↓						
				MM	...12	...15	...25	...30	↑	REFLECTOR	...10	...20	...30				
					MM	12,5	15	25	30		REFLECTOR	10°	20°	30°			
											ORDER-EXAMPLE:	◆	▲	●	↑	↓	
												12085-03	03	03	03	12	30
												white	white	white	12,5 mm	30°	




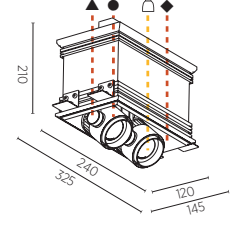
GAMON DOUBLE HIT-TM

				180°	± 80°	215	148 x 268										
	HIT-TM-mini/PGJ5		ENERGY LABEL	STANDARD	ART.-NO	1-10 V-DIMM	01-25	01-25	01-25	TECHN. OPTIONS	€						
	2x 20/35 W		A+ ²	12086	DALI-DIMM		◆	▲	●	↑	↓						
				U > T. 375	CE	0.5m	◆	▲	●	↑	↓						
				MM	...12	...15	...25	...30	↑	REFLECTOR	...16	...30	...52				
					MM	12,5	15	25	30		REFLECTOR	16°	30°	52°			
											ORDER-EXAMPLE:	◆	▲	●	↑	↓	
												12086-03	03	03	03	12	52
												white	white	white	12,5 mm	52°	



GAMON DOUBLE LED

				350 mA	excl.	180°	± 80°	215	148 x 268								
	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO	1-10 V-DIMM	01-25	01-25	01-25	TECHN. OPTIONS	€					
						DALI-DIMM		◆	▲	●	↑	↓					
				U > T. 374	CE	◆	▲	●	↑	↓							
				MM	...12	...15	...25	...30	↑	REFLECTOR	...24	...32	...50				
					MM	12,5	15	25	30		REFLECTOR	24°	32°	50°			
											ORDER-EXAMPLE:	◆	▲	●	↑	↓	
												12087-03	03	03	02	12	50
												white	white	black	12,5 mm	50°	



1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.

2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



CARDIO 1 HIT-TC		PROJECT PICTURE > page 39				excl.		180°		± 35°		12.5/15		220		180 x 180		↑	
HIT-TC-CE/G8.5	ENERGY LABEL	ART.-NO			01-25	01-25	TECHN. OPTIONS	€		77.3	151	151							
		STANDARD	DALI-DIMM	1-10 V-DIMM				STANDARD	DALI / 1-10 V										
20 / 35 / 50 / 70 W	A+ - A ²	12080			◆	●	↑	↓											
U > T. 375		CE			D+I 0.5m		X												
		REFLECTOR			...12 ...15 ...25 ...30 ↑		...12 ...24 ...36		REFLECTOR		12° 24° 36°								
		MM			12,5 15 25 30				REFLECTOR		12° 24° 36°								
		ORDER-EXAMPLE:			◆ ● ↑ ↓		12080-03 03 15 36		frame: white		insert: white								
									ceiling: 15 mm		36°								

CARDIO 2 HIT-TC		PROJECT PICTURE > page 39				excl.		180°		± 35°		12.5/15		220		180 x 315		↑	
HIT-TC-CE/G8.5	ENERGY LABEL	ART.-NO			01-25	01-25	TECHN. OPTIONS	€		77.3	151	288							
		STANDARD	DALI-DIMM	1-10 V-DIMM				STANDARD	DALI / 1-10 V										
2x 20 / 35 / 50 / 70 W	A+ - A ²	12090			◆	●	↑	↓											
U > T. 375		CE			D+I 0.5m		X												
		REFLECTOR			...12 ...15 ...25 ...30 ↑		...12 ...24 ...36		REFLECTOR		12° 24° 36°								
		MM			12,5 15 25 30				REFLECTOR		12° 24° 36°								
		ORDER-EXAMPLE:			◆ ● ↑ ↓		12090-03 03 15 36		frame: white		insert: white								
									ceiling: 15 mm		36°								

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ● ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.

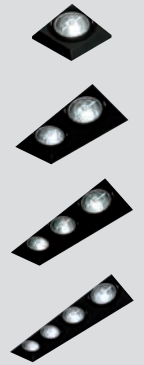
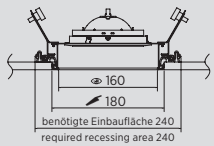


2LOOK4LIGHT MODULE SYSTEM

PROJECT PICTURE > page 34-35

EXAMPLE

- A** 1x 12103
- B** 2x 82001
- U** 2x 14-22083688
- U** 2x QR-111 75W



KOMPONENTEN > COMPONENTS

12.5|15

		L MM	CUT OUT MM	STANDARD	ART-NO		TECHN. OPTIONS	€ STANDARD 1-10 V / DALI	
	A 1-fach 12,5 mm 1-fold 12,5 mm	160	180 x 180		12101	◆			
	1-fach 15 mm 1-fold 15 mm	160	180 x 180		12102	◆			
	A 2-fach 12,5 mm 2-fold 12,5 mm	320	340 x 180		12103	◆			
	2-fach 15 mm 2-fold 15 mm	320	340 x 180		12104	◆			
	A 3-fach 12,5 mm 3-fold 12,5 mm	480	500 x 180		12105	◆			
	3-fach 12,5 mm 3-fold 12,5 mm	480	500 x 180		12106	◆			
	A 4-fach 12,5 mm 4-fold 12,5 mm	640	660 x 180		12107	◆			
	4-fach 12,5 mm 4-fold 12,5 mm	640	660 x 180		12108	◆			
					CE				

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.

2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.

T. 042 Please complete the article number for the marked lamp sections (◆▲●) with the corresponding codes from the colour table on the inside of back cover. The most popular colour codes are: 00 = aluminium nature; 01 = silver; 02 = black; 03 = white.

SPOT 1		12 V		excl.		360°		± 40°		155		↑	
B	QR-111/G53	D MM	ENERGY LABEL	ART.-NO			01-25	TECHN. OPTIONS	€				
	STANDARD	DALI-DIMM	1-10 V-DIMM	STANDARD	DALI-DIMM	1-10 V			STANDARD	DALI / 1-10 V			
	QR-111	75 W	A - C ²	82001			◆						
> T. 375				CE	0.5m								

SPOT 2		230 V		incl.		360°		± 40°		175		↑	
B	HIR 111-CE/GX8.5	D MM	ENERGY LABEL	ART.-NO			01-25	TECHN. OPTIONS	€				
	STANDARD	DALI-DIMM	1-10 V-DIMM	STANDARD	DALI-DIMM	1-10 V			STANDARD	DALI / 1-10 V			
	HIR111-CE	35 / 70 W	A - B ²	82002			◆						
> T. 375				CE	0.5m								

SPOT 3		230 V		incl.		360°		± 40°		185		↑	
B	QPAR30/E27	D MM	ENERGY LABEL	ART.-NO			01-25	TECHN. OPTIONS	€				
	STANDARD	DALI-DIMM	1-10 V-DIMM	STANDARD	DALI-DIMM	1-10 V			STANDARD	DALI / 1-10 V			
	Q-PAR30	75 W	A++ - E ²	82005			◆						
> T. 375				CE	0.5m								

SPOT 4		230 V		incl.		360°		± 40°		245		↑	
B	TC-DEL/G24q2	D MM	ENERGY LABEL	ART.-NO			01-25	TECHN. OPTIONS	€				
	STANDARD	DALI-DIMM	1-10 V-DIMM	STANDARD	DALI-DIMM	1-10 V			STANDARD	DALI / 1-10 V			
	TC-DEL	18 W	A - B ²	82006	82007	82008	◆						
> T. 375				CE	0.5m								

SPOT 5		230 V		incl.		360°		± 40°		205		↑	
B	HIT/G12	D MM	ENERGY LABEL	ART.-NO			01-25	TECHN. OPTIONS	€				
	STANDARD	DALI-DIMM	1-10 V-DIMM	STANDARD	DALI-DIMM	1-10 V			STANDARD	DALI / 1-10 V			
	HIT	35 / 70 W	A+ - A ²	82003			◆						
> T. 375				CE	0.5m								

KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES		D MM	ART.-NO			01-25	TECHN. OPTIONS	€		
		STANDARD	DALI-DIMM	1-10 V-DIMM	STANDARD			DALI / 1-10 V	STANDARD	
	COLOUR FILTER	28-281								
		28-282								
		28-283								
	UV-FILTER	28-287								

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.



INVADER SYSTEM

EXAMPLE

- A** 1x 12036
- B** 1x 12038
- U** 1x 28-PCI35BOX
- U** 1x CDM-Rm - 35W

A Einbauring
recessing frame



B Spot-2, weiß
Spot-2, white




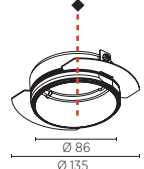
U Elektronische Versorgungseinheit
electrical ballast


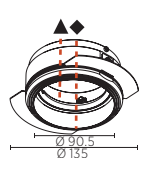


C Leuchtmittel
illuminant



KOMPONENTEN > COMPONENTS

		230 V		10 12.5 15		100		↑	
A	D MM	STANDARD	ART-NO	01-25	TECHN. OPTIONS	STANDARD	€	1-10 V / DALI	
	EINBAURING STARR ↕ RECESSING RING FIXED ↕	86	12035	◆	↑				
								CE	⊗
								MM	...10 ...12 ...15 ↑
								10	12,5 15

		230 V		180° ±30°		10 12.5 15		115		↑	
A	D MM	STANDARD	ART-NO	01-25	TECHN. OPTIONS	STANDARD	€	1-10 V / DALI			
	EINBAURING SCHWENKBAR ↕ RECESSING RING ADJUSTABLE ↕	86	12036	◆ ▲	↑						
								CE	⊗		
								MM	...10 ...12 ...15 ↑		
								10	12,5 15		

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.

2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.

SPOT 1		12 V		excl.		145		▲		↑	
B	QR-C/GU5.3	D MM	ENERGY LABEL	ART.-NO			01-25	TECHN. OPTIONS	€		
				STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V	
	QR-C	50 W	A+ - C ²	12037			◆				
U > T. 375				CE	0.5m	◆	⊗				

SPOT 2		12 V		excl.		170		▲		↑	
B	CDM-RM/GX10	D MM	ENERGY LABEL	ART.-NO			01-25	TECHN. OPTIONS	€		
				STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V	
	CDM-RM	20 / 35 W	A ²	12038			◆				
U > T. 375				CE	0.5m	⊗					

SPOT 3		500 mA		LED		excl.		150		▲		↑	
LED	W / LUMEN	CRI	ENERGY LABEL	ART.-NO			01-25	TECHN. OPTIONS	€				
				STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V			
2700 K	10.5 / 800	> 90	A++ - A ¹	12039			◆	☐					
3000 K	10.5 / 880	> 90	A++ - A ¹	12040			◆	☐					
4000 K	10.5 / 1140	> 80	A++ - A ¹	12041			◆	☐					
U > T. 374				CE	◆	⊗							
								REFLECTOR	...24	...32	...50	☐	ORDER-EXAMPLE: ◆ ☐
									24°	32°	50°	white	50°

SPOT 4		230 V		excl.		145		▲		↑	
B	QPAR16 / GZ10	D MM	ENERGY LABEL	ART.-NO			01-25	TECHN. OPTIONS	€		
				STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V	
	QPAR-16	50 W	A++ - D ²	12048			◆				
U > T. 375				CE	0.5m	⊗					

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.



MATRIX SMALL SYSTEM

PROJECT PICTURE > page 44

EXAMPLE 3302

- A** 1x 12115
- B** 1x 12116
- 1x 14-22083688
- 1x QR-C51 - 50 W



KOMPONENTEN > COMPONENTS

10|12.5|15 86

	A	D MM	STANDARD	ART.-NO	01-25	TECHN. OPTIONS	€ STANDARD 1-10 V / DALI	
	EINBAURING RECESSING RING	76	12115					

SPOT 1

12 V 360°

	B	QR-C51/GU5.3	D MM	ENERGY LABEL	STANDARD	ART.-NO	01-25	TECHN. OPTIONS	€ STANDARD DALI / 1-10 V	
	ROUND	50 W	75	A+ - C ²	12116					

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



MATRIX MIDI / SION ROUND SYSTEM

EXAMPLE

- A** 1x 12110
- B** 1x 12111
- 1x 28-PCI35BOX
- 1x HIT-TC - 35W



KOMPONENTEN > COMPONENTS

		D MM	ART.-NO	01-25	TECHN. OPTIONS	€ STANDARD 1-10 V / DALI	10 12.5 15 100									
	A EINBAURING RECESSING RING	86	STANDARD 12110	◆	↑											
				CE	☒											
					<table border="1"> <tr> <td>MM</td> <td>...10</td> <td>...12</td> <td>...15</td> </tr> <tr> <td></td> <td>10</td> <td>12,5</td> <td>15</td> </tr> </table>	MM	...10	...12	...15		10	12,5	15	↑		ORDER-EXAMPLE: ◆ ▲ ● 12110- 03 12
MM	...10	...12	...15													
	10	12,5	15													

MATRIX MIDI SPOT-INSERT

		D MM	LED HIT-TC-CE/G8.5	ENERGY LABEL	ART.-NO	01-25	TECHN. OPTIONS	€ STANDARD DALI / 1-10 V	excl. 150									
	B	85	35 W	A+ - A ²	STANDARD DALI-DIMM 1-10 V-DIMM 12111	◆	⏏											
				> T. 375	CE	Ⓢ 0.5m	☒											
							<table border="1"> <tr> <td>REFLECTOR</td> <td>...16</td> <td>...30</td> <td>...52</td> </tr> <tr> <td></td> <td>16°</td> <td>30°</td> <td>52°</td> </tr> </table>	REFLECTOR	...16	...30	...52		16°	30°	52°	⏏		ORDER-EXAMPLE: ◆ ▲ ● 12111- 03 52 white 52°
REFLECTOR	...16	...30	...52															
	16°	30°	52°															

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.

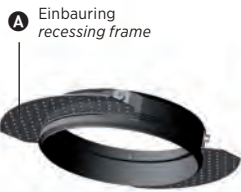


MATRIX BIG SYSTEM

PROJECT PICTURE > page 43, 45

EXAMPLE

- A** 1x 12117
- D** 1x 82001
- U** 1x 14-22083688
- U** 1x QR-111 - 75 W



KOMPONENTEN > COMPONENTS

10|12.5|15 152

	A	D MM	STANDARD	ART.-NO	01-25	TECHN. OPTIONS	€ STANDARD 1-10 V / DALI	
	EINBAURING RECESSING RING	142	12117		◆	↑		
								 MM 10 12,5 15

SPOT 1

12 V


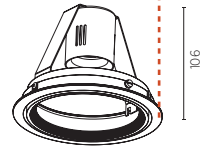
	B	QR-111/G53	D MM	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM 1-10 V-DIMM	01-25	TECHN. OPTIONS	€ STANDARD DALI / 1-10 V	
	QR-111	75 W	141	A - C ²	82001		◆			
					> T. 375					


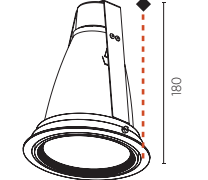
SPOT 2


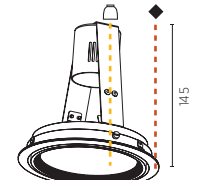
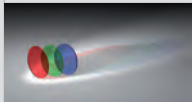
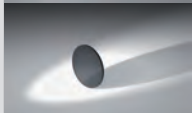


	B	HIR 111-CE/GX8.5	D MM	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM 1-10 V-DIMM	01-25	TECHN. OPTIONS	€ STANDARD DALI / 1-10 V	
	HIR111-CE	35 / 70 W	141	A - B ²	82002		◆			
					> T. 375					

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebaute LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

SPOT 3		230 V		360°		± 40°		160		↑	
	B	QPAR30/E27	D MM	ENERGY LABEL	ART.-NO			01-25	TECHN. OPTIONS	€	
	Q-PAR30	75 W	141	A++ - E ²	STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V
						82005			◆		
					CE	0.5m	⊗				
											

SPOT 4		230 V		incl.		360°		± 40°		220		↑	
	B	TC-DEL/G24q2	D MM	ENERGY LABEL	ART.-NO			01-25	TECHN. OPTIONS	€			
	TC-DEL	18 W	141	A - B ²	STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V		
						82006	82007	82008	◆				
					CE		⊗						
													

SPOT 5		excl.		360°		± 40°		180		↑				
	B	HIT-CE/G12	D MM	ENERGY LABEL	ART.-NO			01-25	TECHN. OPTIONS	€				
	HIT	35 / 70 W	141	A+ - A ²	STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V			
						82003			◆	⊔				
					U > T. 375	CE	0.5m	⊗						
														
									REFLECTOR	...13	...40	...50	⊔	ORDER-EXAMPLE: ◆ ⊔ 82003- 03 50 white 50°
KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES				D MM	STANDARD	ART.-NO		01-25	TECHN. OPTIONS	€				
	COLOUR FILTER			110	28-281			■						
					28-282			■						
					28-283			■						
	UV-FILTER			110	28-287									
														
														

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.

2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



BARBASPOT 60 SYSTEM

PROJECT PICTURE > page 36-38

EXAMPLE

- A** 1x 15001
- B** 1x 15012
- 1x 28-PCI35BOX
- 1x CDM-Rm - 35W

A Einbauring
recessing frame



B Spot-2



Transformator 105 VA
transformer 105 VA



Leuchtmittel
illuminant



KOMPONENTEN > COMPONENTS

12,5-30 150 x 150

	A	L MM	STANDARD	ART.-NO	TECHN. OPTIONS	€ STANDARD	1-10 V / DALI		
							STANDARD	DALI	
	EINBAURING RECESSING RING	148	15001						 148 220
						CE			
							...12 ...15 ...25 ...30		 12,5 mm ORDER-EXAMPLE: 15001- 12
						MM	12,5 15 25 30		

SPOT 1

12 V

	B		D MM	ENERGY LABEL	STANDARD	ART.-NO	1-10 V-DIMM		TECHN. OPTIONS	€	1-10 V		
											STANDARD	DALI	
	QR-C	QR-C5V/GU5.3	50 W	A+ - C ²	15010								 52 Ø 62
						> T. 375	CE						

SPOT 2


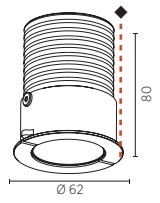

230 V


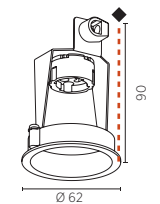
	B		D MM	ENERGY LABEL	STANDARD	ART.-NO	1-10 V-DIMM		TECHN. OPTIONS	€	1-10 V		
											STANDARD	DALI	
	CDM-RM	CDM-RM/GX10	20 / 35 W	A ²	15012								 90 Ø 62
						> T. 375	CE						

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.

SPOT 3		500 mA										LED excl.	125		
	B LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO		01-25	TECHN. OPTIONS	€					
						DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V				
		2700 K	10.5 / 800	> 90	A++ - A ¹	15013									
		3000 K	10.5 / 880	> 90	A++ - A ¹	15014									
	4000 K	10.5 / 1140	> 80	A++ - A ¹	15015										
				U > T. 374		CE									
										REFLECTOR		...24 ...32 ...50 24° 32° 50°		ORDER-EXAMPLE:  15013-03 50 white 50°	

SPOT 4		230 V										130		
	B	QPAR16 / GZ10	D MM	ENERGY LABEL	STANDARD	ART.-NO		01-25	TECHN. OPTIONS	€				
						DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V			
	QPAR-16	50 W	62	A++ - D ²	15011									
				CE		C ₊ 0.5m								

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



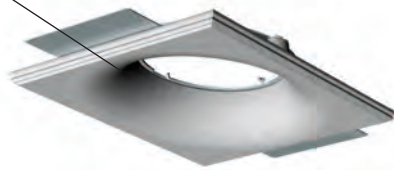
BARBASPOT 140 SYSTEM

PROJECT PICTURE > page 36-38

EXAMPLE

- A** 1x 15002
- B** 1x 15019
- 1x 28-PCI35
- 1x HIT-TC-CE - 35W

A Einbauring
recessing frame



B Spot-4



Transformator 105 VA
transformer 105 VA



Leuchtmittel
illuminant



KOMPONENTEN > COMPONENTS

250 x 250

	A	L MM	STANDARD	ART.-NO	TECHN. OPTIONS	€ STANDARD 1-10 V / DALI											
	EINBAURING RECESSING RING	248	15002														
			CE														
					<table border="1"> <tr> <td>MM</td> <td>...12</td> <td>...15</td> <td>...25</td> <td>...30</td> </tr> <tr> <td></td> <td>12,5</td> <td>15</td> <td>25</td> <td>30</td> </tr> </table>	MM	...12	...15	...25	...30		12,5	15	25	30		ORDER-EXAMPLE: 15002- 12
MM	...12	...15	...25	...30													
	12,5	15	25	30													

SPOT 1

12 V excl. 360° ± 35° 140

	B	QR-111/GS3	ENERGY LABEL	STANDARD	ART.-NO	01-25	01-25	TECHN. OPTIONS	€ STANDARD DALI / 1-10 V	
	QR111	75 W	A - C ²	15016						
			> T. 375	CE	0.5m					

SPOT 2

excl. 360° ± 35° 150

	B	HIR 111-CE/GX8.5	ENERGY LABEL	STANDARD	ART.-NO	01-25	01-25	TECHN. OPTIONS	€ STANDARD DALI / 1-10 V	
	HIR111-CE	20 / 35 / 70W	A - B ²	15017						
			> T. 375	CE	0.5m					

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.

SPOT 3				excl.		360°		± 35°		190		↑	
B	HIT/G12	ENERGY LABEL	ART.-NO			01-25	01-25	TECHN. OPTIONS	€				
	HIT	20 / 35 / 50 / 70 W	A+ - A ²	STANDARD	DALI-DIMM	1-10 V-DIMM	◆	▲	☒	STANDARD			DALI / 1-10 V
				15018									
			> T. 375		CE	0.5m							
									REFLECTOR	...13	...40	...50	ORDER-EXAMPLE: ◆ ▲ ☒ 15018- 03 03 50 white white 50°
										13°	40°	50°	

SPOT 4 HIT-TC				excl.		360°		± 35°		175		↑	
B	HIT-TC/CE/G8.5	ENERGY LABEL	ART.-NO			01-25	01-25	TECHN. OPTIONS	€				
	HIT-TC	20 / 35 / 50 / 70 W	A+ - A ²	STANDARD	DALI-DIMM	1-10 V-DIMM	◆	▲	☒	STANDARD			DALI / 1-10 V
				15019									
			> T. 375		CE	0.5m							
									REFLECTOR	...12	...24	...36	ORDER-EXAMPLE: ◆ ▲ ☒ 15019- 03 03 36 white white 36°
										12°	24°	36°	

SPOT 5 LED				700 mA		excl.		360°		± 35°		175		↑	
B	LED	W / LUMEN	CRI	ENERGY LABEL	ART.-NO			01-25	01-25	TECHN. OPTIONS	€				
					STANDARD	DALI-DIMM	1-10 V-DIMM	◆	▲	☒	STANDARD	DALI / 1-10 V			
	3000 K	24 / 2650	> 90	A++ - A ¹	15030			◆	▲	☒					
	4000 K	24 / 2935	> 90	A++ - A ¹	15031			◆	▲	☒					
	FOOD / GOLD	24 / 2490		A++ - A ¹	15032			◆	▲	☒					
	FOOD / GOLD+	24 / 1690		A++ - A ¹	15033			◆	▲	☒					
	FOOD / FM	24 / 1580		A++ - A ¹	15034			◆	▲	☒					
	FOOD / MEAT+	24 / 1540		A++ - A ¹	15035			◆	▲	☒					
	ART	24 / 2240	> 98	A++ - A ¹	15036			◆	▲	☒					
	FASHION	24 / 2060	> 90	A++ - A ¹	15037			◆	▲	☒					
			> T. 374		CE										
									REFLECTOR	...12	...24	...40	ORDER-EXAMPLE: ◆ ▲ ☒ 15031- 03 03 40 white white 40°		
										12°	24°	40°			

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.

2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



SION SQUARE

MODEN FINK INNSBRUCK, AUSTRIA | ARCHITECT: DI KARL HEINZ HAKL LIGHT PLANNING: PROLICHT | FOTO: SIMON FISCHBACHER

TECHNIC

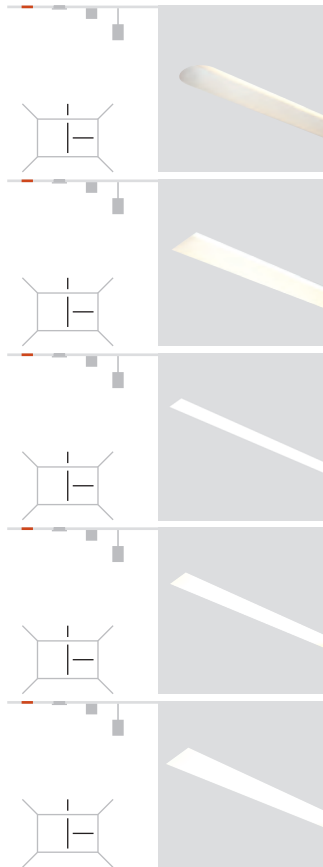
1.3

**RANDLOS /
RIMLESS**

PROFILLEUCHTEN /
PROFILE LIGHTS

1.3

RANDLOS / RIMLESS PROFILLEUCHTEN / PROFILE LIGHTS



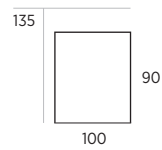
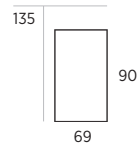
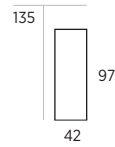
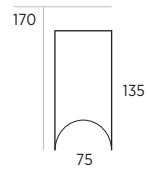
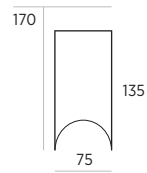
GROOVE 1
T. 058

GROOVE 2
T. 059

UTAH VISION
T. 060

IDAHO
T. 061

IDAHO 100
T. 062





GROOVE 1		PROJECT PICTURE > page 50-51							230 V	incl.	10 12.5 15	170		
L MM	T16/G5	CUT OUT MM	ENERGY LABEL	ART.-NO				TECHN. OPTIONS	€					
				STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V				
650	14/24 W	668 x 92	A+ - B ²	13630	13632	13631	◆	↑						
950	21/39 W	968 x 92	A+ - B ²	13640	13642	13641	◆	↑						
1250	28/54 W	1268 x 92	A+ - B ²	13650	13652	13651	◆	↑						
1550	35/49 W	1568 x 92	A+ - B ²	13660	13662	13661	◆	↑						
2310	2x 28/54 W	2328 x 92	A+ - B ²	13670	13672	13671	◆	↑						
2910	2x 35/49 W	2928 x 92	A+ - B ²	13680	13682	13681	◆	↑						
> T. 377				CE										
								...10 ...12 ...15 ↑ MM 10 12,5 15	white 12.5 mm ORDER-EXAMPLE: ◆ ↑ 13661 - 03 12					

MUSS-ZUBEHÖR / MUST-HAVE ACCESSORIES		ART.-NO			TECHN. OPTIONS	€	
		STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
MONTAGEHILFE / FRAME ALIGNMENT KIT		14015					
KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES		ART.-NO			TECHN. OPTIONS	€	
		STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
	WERKZEUG für Drehverschluss TOOL for twist-locking	80045					

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



GROOVE 2

230 V 10|12,5|15

L MM	T16/G5	CUT OUT MM	ENERGY LABEL	ART.-NO			01-25	TECHN. OPTIONS	€		
				STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V	
580	14/24 W	590 x 92	A+ - B ²	13690	13692	13691	◆	▲			
880	21/39 W	890 x 92	A+ - B ²	13700	13702	13701	◆	▲			
1180	28/54 W	1290 x 92	A+ - B ²	13710	13712	13711	◆	▲			
1480	35/49 W	1590 x 92	A+ - B ²	13720	13722	13721	◆	▲			
2240	2x 28/54 W	2250 x 92	A+ - B ²	13730	13732	13731	◆	▲			
2840	2x 35/49 W	2850 x 92	A+ - B ²	13740	13742	13741	◆	▲			

> T. 377		CE	
----------	--	----	--

	...10	...12	...15
MM	10	12,5	15

ORDER-EXAMPLE: white 12,5 mm
13690 - 03 12

MUSS-ZUBEHÖR / MUST-HAVE ACCESSORIES		ART.-NO			TECHN. OPTIONS	€	
		STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
MONTAGEHILFE / FRAME ALIGNMENT KIT		14015					
KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES		ART.-NO			TECHN. OPTIONS	€	
		STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
	WERKZEUG für Drehverschluss TOOL for twist-locking	80045					

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.



UTAH VISION		PROJECT PICTURE > page 52-53						230 V	incl.	10 12.5 15	135		
L MM		CUT OUT MM	ENERGY LABEL	ART.-NO			TECHN. OPTIONS	€					
				STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V				
580	14 W	588 x 55	A+ - B ²	13010	13012	13011							
880	21 W	888 x 55	A+ - B ²	13020	13022	13021							
1180	28 W	1188 x 55	A+ - B ²	13030	13032	13031							
1480	35 W	1488 x 55	A+ - B ²	13040	13042	13041							
2240	2x 28 W	2248 x 55	A+ - B ²	13050	13052	13051							
2840	2x 35 W	2848 x 55	A+ - B ²	13060	13062	13061							
> T. 377				CE									
								...10	...12	...15			
							MM	10	12,5	15			
								ORDER-EXAMPLE:			12.5 mm		
								13020 - 12					

MUSS-ZUBEHÖR / MUST-HAVE ACCESSORIES		ART.-NO			TECHN. OPTIONS	€	
MONTAGEHILFE / FRAME ALIGNMENT KIT		STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
			14005				
KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES		ART.-NO			TECHN. OPTIONS	€	
WERKZEUG für Drehverschluss TOOL for twist-locking		STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
			80045				

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



IDAHO				230 V			incl.	10 12.5 15	135		
L MM	T16/G5	CUT OUT MM	ENERGY LABEL	ART.-NO			TECHN. OPTIONS	€			
				STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V		
580	14/24 W	588 x 85	A+ - B ²	13110	13112	13111	D				
880	21/39 W	888 x 85	A+ - B ²	13120	13122	13121	D				
1180	28/54 W	1188 x 85	A+ - B ²	13130	13132	13131	D				
1480	35/49 W	1488 x 85	A+ - B ²	13140	13142	13141	D				
2260	2x 28/54 W	2268 x 85	A+ - B ²	13150	13152	13151	D				
2860	2x 35/49 W	2868 x 85	A+ - B ²	13160	13162	13161	D				
> T. 377				CE							
				MM	...10	...12	...15				
					D ...01 ...02						
					opal micro-prism						
					DIFFUSOR						
					ORDER-EXAMPLE: 12,5 mm opal						
					13120- 12 01						

MUSS-ZUBEHÖR / MUST-HAVE ACCESSORIES		ART.-NO			TECHN. OPTIONS	€	
		STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
MONTAGEHILFE / FRAME ALIGNMENT KIT			14005				
KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES		ART.-NO			TECHN. OPTIONS	€	
		STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
	WERKZEUG für Drehverschluss TOOL for twist-locking		80045				

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.



IDAHO 100

230 V

L MM	T16/G5	CUT OUT MM	ENERGY LABEL	ART.-NO			TECHN. OPTIONS	€	
				STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
580	14/24 W	590 x 115	A+ - B ²	13310	13312	13311	↑ D		
880	21/39 W	890 x 115	A+ - B ²	13320	13322	13321	↑ D		
880	2x 21 W	890 x 115	A+ - B ²	13330	13332	13331	↑ D		
880	2x 39 W	890 x 115	A+ - B ²	13340	13342	13341	↑ D		
1180	28/54 W	1190 x 115	A+ - B ²	13350	13352	13351	↑ D		
1180	2x 28 W	1190 x 115	A+ - B ²	13360	13362	13361	↑ D		
1180	2x 54 W	1190 x 115	A+ - B ²	13370	13372	13371	↑ D		
1480	35/49 W	1490 x 115	A+ - B ²	13380	13382	13381	↑ D		
1480	2x 35 W	1490 x 115	A+ - B ²	13390	13392	13391	↑ D		
1480	2x 49 W	1490 x 115	A+ - B ²	13400	13402	13401	↑ D		
2260	2x 28/54 W	2270 x 115	A+ - B ²	13410	13412	13411	↑ D		
2460	4x 28 W	2470 x 115	A+ - B ²	13420	13422	13421	↑ D		
2460	4x 54 W	2470 x 115	A+ - B ²	13430	13432	13431	↑ D		
2860	2x 35/49 W	2870 x 115	A+ - B ²	13440	13442	13441	↑ D		
3060	4x 35 W	3070 x 115	A+ - B ²	13450	13452	13451	↑ D		
3060	4x 49 W	3070 x 115	A+ - B ²	13460	13462	13461	↑ D		

> T. 377

MM	...10	...12	...15	↑
	10	12,5	15	

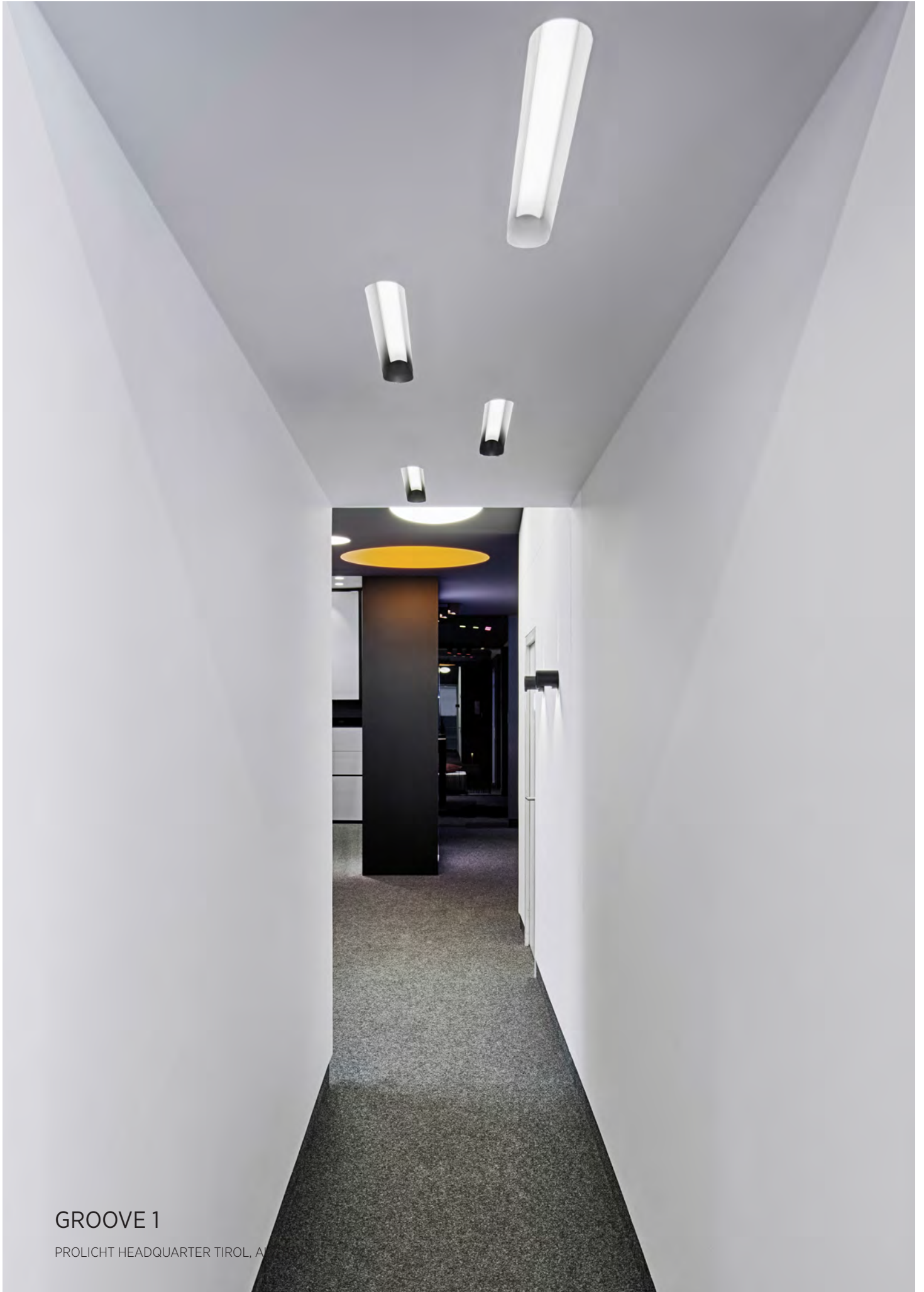
DIFFUSOR

ORDER-EXAMPLE: 12.5 mm opal

13350 - 12 01

MUSS-ZUBEHÖR / MUST-HAVE ACCESSORIES		ART.-NO			TECHN. OPTIONS	€	
MONTAGEHILFE / FRAME ALIGNMENT KIT		STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
			14045				
KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES		ART.-NO			TECHN. OPTIONS	€	
WERKZEUG für Drehverschluss TOOL for twist-locking		STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
			80045				

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



GROOVE 1

PROLICHT HEADQUARTER TIROL, A

TECHNIC

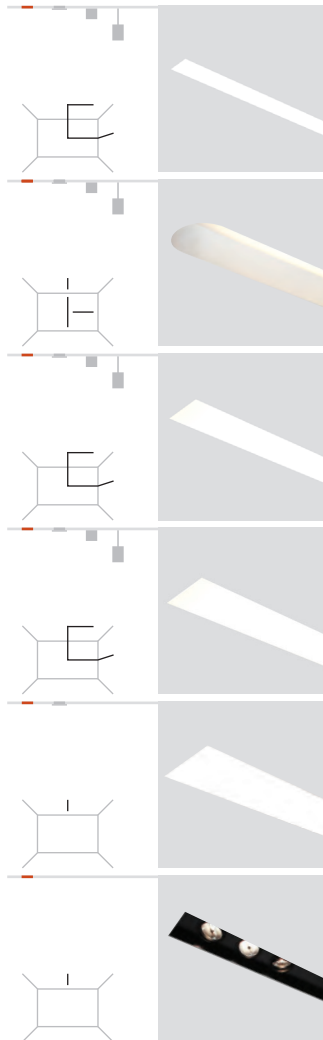
1.4

**RANDLOS /
RIMLESS**

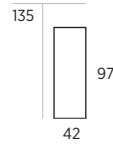
PROFILSYSTEME /
PROFILE SYSTEMS

1.4

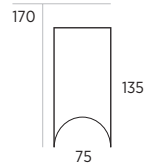
RANDLOS / RIMLESS PROFILSYSTEME / PROFILE SYSTEMS



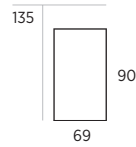
UTAH VISION
T. 066



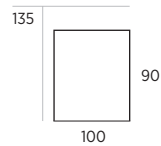
GROOVE
T. 068



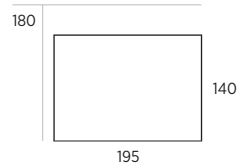
IDAHO
T. 071



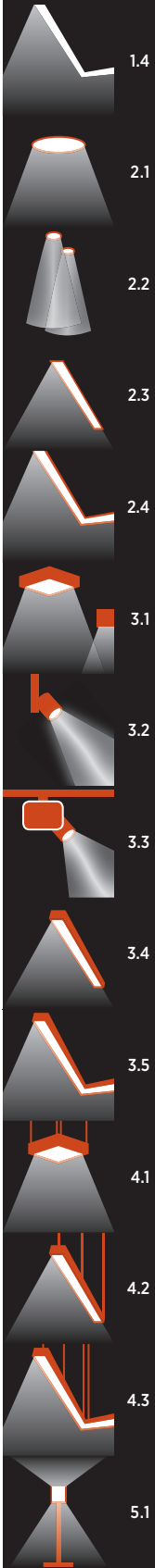
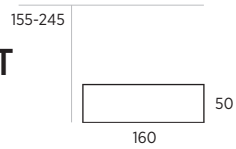
IDAHO 100
T. 073



WHITELINE
T. 076



2LOOK4LIGHT
T. 078



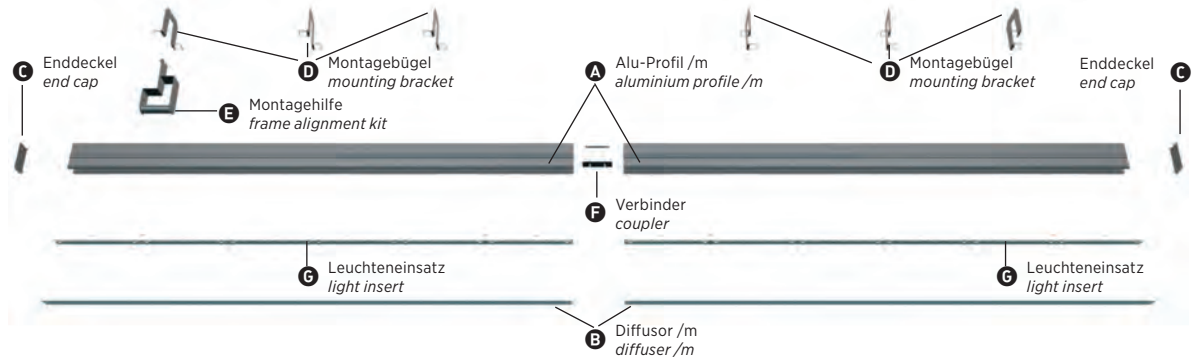


UTAH VISION SYSTEM

PROJECT PICTURE > page 62-69


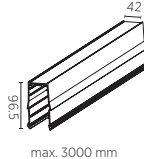

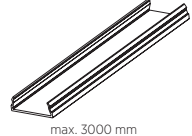

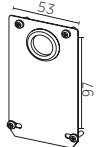

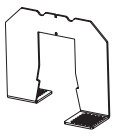
EXAMPLE 3410 mm

- A** 3,41x 14001
- B** 3,41x 14002
- C** 2x 14003
- D** 6x 14004
- E** 1x 14005
- F** 1x 14006
- G** 2x 85690



KOMPONENTEN > COMPONENTS


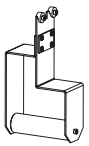

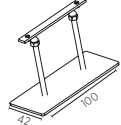

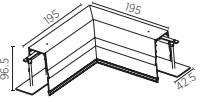



10|12.5|15 135 55 x (L+8)

	L MM	STANDARD	ART-NO	TECHN. OPTIONS	€ STANDARD 1-10 V / DALI	
	per m	14001				
	per m	14002				
		14003				
		14004		↑		

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.

2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



T. 066 Please complete the article number for the marked lamp sections (◆▲●) with the corresponding codes from the colour table on the inside of back cover. The most popular colour codes are: 00 = aluminium nature; 01 = silver; 02 = black; 03 = white.

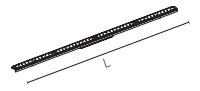
	L MM	ART-NO	STANDARD	TECHN. OPTIONS	€		
					STANDARD	1-10 V / DALI	
	E	MONTAGEHILFE FRAMEALIGNMENT KIT	14005				
	F	LINIENVERBINDER LINEAR COUPLER	100 14006				
	F	90° ECKVERBINDER 90° CORNER COUPLER	14007				
			CE				
					 ...10 ...12 ...15 ↑ MM 10 12,5 15	 ORDER-EXAMPLE: ↑ 14004- 12	

EINSÄTZE > INSERTS LED

230 V






	L MM	LED	W / LUMEN	CRI	ENERGY LABEL	ART-NO			TECHN. OPTIONS	€	
						STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
	1140	3000 K	25 / 3280	> 80	A++ - A ¹	85650	85652				
		4000 K	25 / 3360	> 80	A++ - A ¹	85660	85662				
	1420	3000 K	31 / 4100	> 80	A++ - A ¹	85670	85672				
		4000 K	31 / 4200	> 80	A++ - A ¹	85680	85682				
	1700	3000 K	37 / 4920	> 80	A++ - A ¹	85690	85692				
		4000 K	37 / 5040	> 80	A++ - A ¹	85700	85702				
	1980	3000 K	43 / 5740	> 80	A++ - A ¹	85710	85712				
		4000 K	43 / 5880	> 80	A++ - A ¹	85720	85722				
2270	3000 K	50 / 6560	> 80	A++ - A ¹	85730	85732					
	4000 K	50 / 6720	> 80	A++ - A ¹	85740	85742					
						CE					

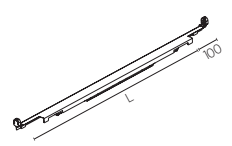


EINSÄTZE > INSERTS

230 V



	T16/G5	L MM	ENERGY LABEL	ART-NO			TECHN. OPTIONS	€	
				STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
	H	21 W	767	A+ - B ²	10220	10222	10220		
		28 W	1067	A+ - B ²	10230	10232	10231		
		35 W	1367	A+ - B ²	10240	10242	10241		
		2x 28 W	2134	A+ - B ²	10250	10252	10251		
 > T. 377				CE					





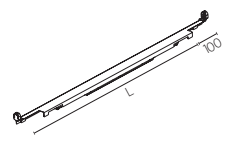
$$\Sigma = L + L + L + 100$$

NOTLICHT-EINSÄTZE > EMERGENCY

230 V



	T16/G5	h	L MM	ENERGY LABEL	ART-NO			TECHN. OPTIONS	€	
					STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
	H	35 W	1 h	1367	A+ - B ²	10243	10245	10244		
		35 W	3 h	1367	A+ - B ²	10176				
						CE				

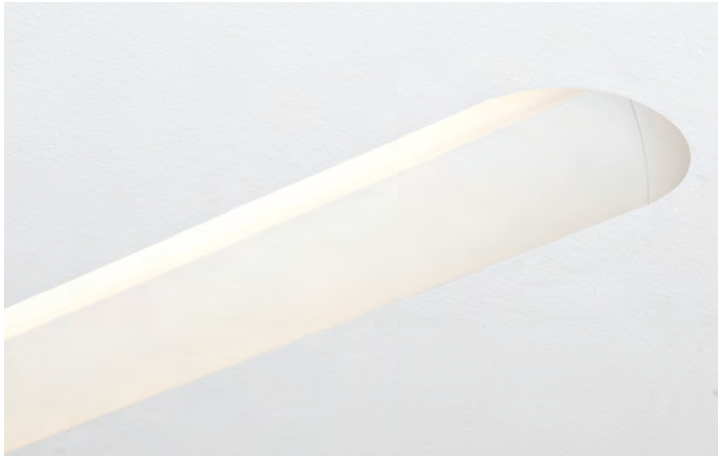


$$\Sigma = L + L + L + 100$$

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.

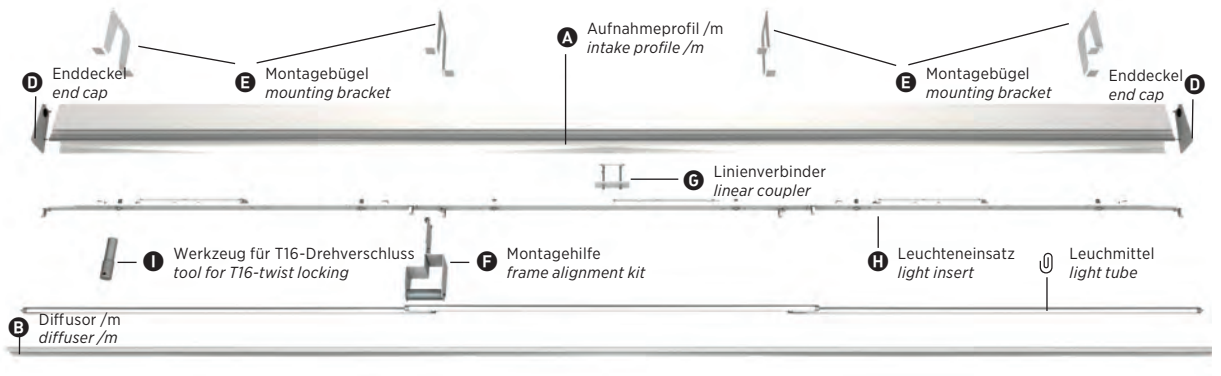


GROOVE SYSTEM

PROJECT PICTURE > ?

EXAMPLE 3302

- A** 3,302x 14010
- B** 3,302x 14002
- D** 2x 81015
- E** 4x 14014
- F** 1x 14015
- G** 1x 14016
- H** 3x 10160
- I** 1x 80045
- U** 3x T 16 - 28/54 W


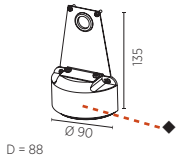

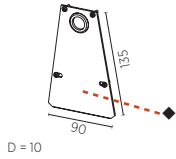

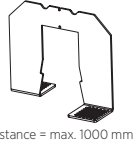

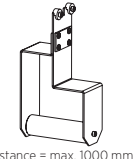





KOMPONENTEN > COMPONENTS

10|12.5|15 170 92 x (L+D)

		L MM	STANDARD	ART-NO	01-25	TECHN. OPTIONS	STANDARD €	1-10 V / DALI	
	A PROFIL PROFILE	per m	14010		◆				
	B DIFFUSER FLACH FLAT DIFFUSER	per m	14002						
	B DIFFUSOR GEWÖLBT CURVED DIFFUSER	per m	81108						
	C DECKELPROFIL CUP PROFILE	per m	81109		◆				

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.

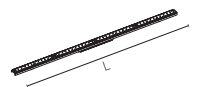
	L MM	ART-NO	STANDARD	01-25	TECHN. OPTIONS	€ STANDARD	1-10 V / DALI										
	D	ENDECKEL RUND ROUND END CAP	81012	◆													
	D	ENDECKEL FLACH FLAT END CAP	81015	◆													
	E	MONTAGEBÜGEL MOUNTING BRACKET	14014		↑												
	F	MONTAGEHILFE FRAME ALIGNMENT KIT	14015				80										
	G	LINIENVERBINDER LINEAR COUPLER	14016				80										
			CE	☒													
					<table border="1"> <tr> <td>MM</td> <td>...10</td> <td>...12</td> <td>...15</td> </tr> <tr> <td></td> <td>10</td> <td>12,5</td> <td>15</td> </tr> </table>	MM	...10	...12	...15		10	12,5	15	↑		12,5 mm	ORDER-EXAMPLE: 14014 - 12
MM	...10	...12	...15														
	10	12,5	15														

EINSÄTZE > INSERTS LED

230 V



H	L MM	LED	W / LUMEN	CRI	ENERGY LABEL	ART-NO			TECHN. OPTIONS	€	
						STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
1140		3000 K	25 / 3280	> 80	A++ - A ¹	85650	85652				
		4000 K	25 / 3360	> 80	A++ - A ¹	85660	85662				
1420		3000 K	31 / 4100	> 80	A++ - A ¹	85670	85672				
		4000 K	31 / 4200	> 80	A++ - A ¹	85680	85682				
1700		3000 K	37 / 4920	> 80	A++ - A ¹	85690	85692				
		4000 K	37 / 5040	> 80	A++ - A ¹	85700	85702				
1980		3000 K	43 / 5740	> 80	A++ - A ¹	85710	85712				
		4000 K	43 / 5880	> 80	A++ - A ¹	85720	85722				
2270		3000 K	50 / 6560	> 80	A++ - A ¹	85730	85732				
		4000 K	50 / 6720	> 80	A++ - A ¹	85740	85742				
					☒	CE	☒				



1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.

EINSÄTZE > INSERTS

230 V



	H	T16/G5	L MM	ENERGY LABEL	ART.-NO			TECHN. OPTIONS	€	
					STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
	ÜBER- LAPPEND OFFSET			A+ - B ²	10150	10152	10151			
					10160	10162	10161			
					10170	10172	10171			
					10180	10182	10181			
		⚙️ > T. 377		U	CE					<p>$\Sigma = L + L + L + 100$</p>

NOTLICHT-EINSÄTZE > EMERGENCY

230 V

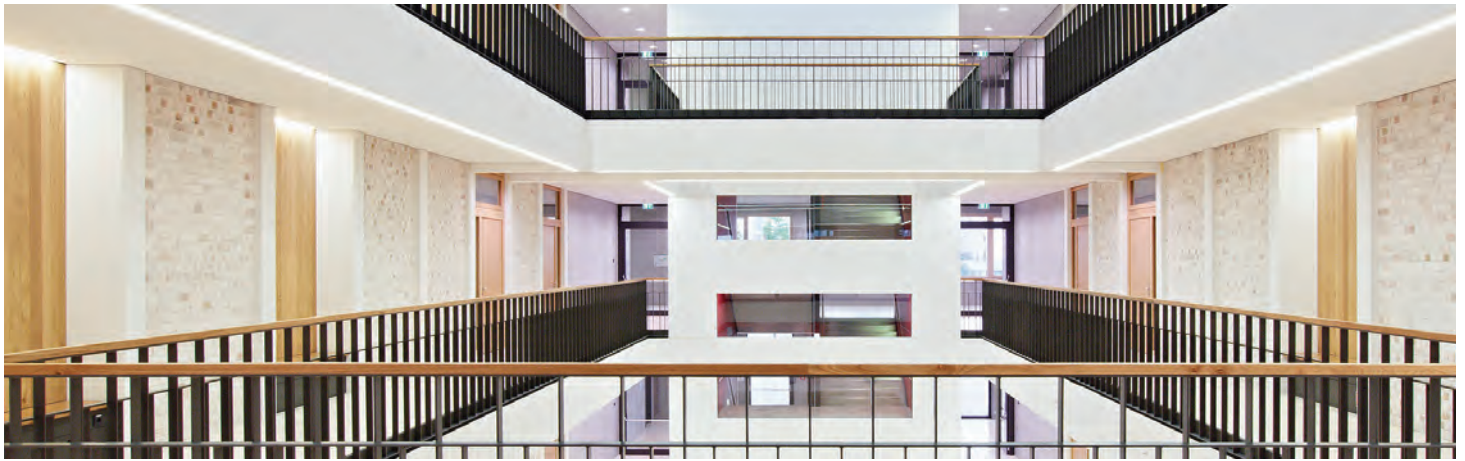


	H	T16/G5	D	L MM	ENERGY LABEL	ART.-NO			TECHN. OPTIONS	€	
						STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
	ÜBER- LAPPEND OFFSET			1367	A+ - B ²	10173	10175	10174			
						10176					
						10179					
				U	CE						

KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES		ART.-NO			TECHN. OPTIONS	€	
		STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
U	<p>WERKZEUG für Drehverschluss (nur für T16) TOOL for twist-locking (only for T16)</p>	80045					

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.

2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.

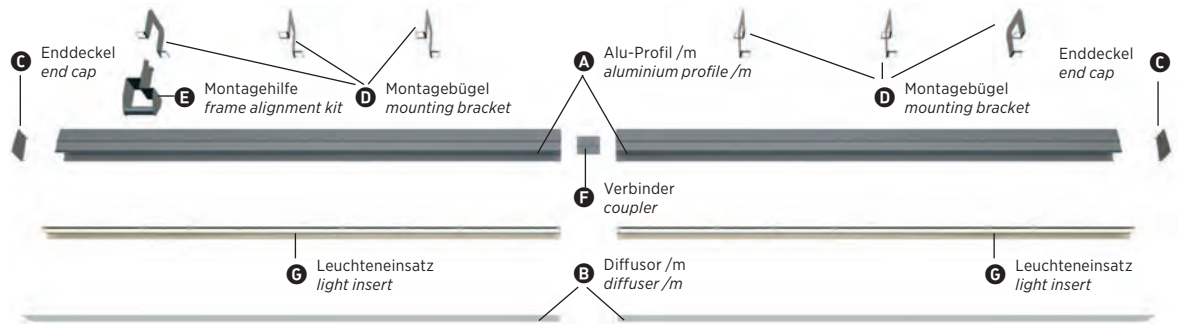


IDAHO SYSTEM

PROJECT PICTURE > ?

EXAMPLE 3410 mm

- A** 3,41x 14021
- B** 3,41x 14022
- C** 2x 14023
- D** 6x 14024
- E** 1x 14025
- F** 1x 14026
- G** 2x 85590



KOMPONENTEN > COMPONENTS


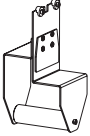

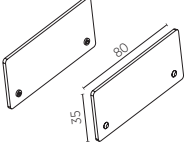





10|12.5|15 135 85 x (L+8)

		L MM		ART.-NO	TECHN. OPTIONS	STANDARD	€ 1-10 V / DALI	
	A PROFIL PROFILE	per m		14021				
	B DIFFUSOR DIFFUSER			14022				
	C ENDECKEL END CAP			14023				
	D MONTAGEBÜGEL MOUNTING BRACKET	172		14024	↑			

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.




Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.

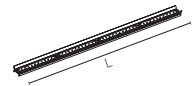
		L MM		ART-NO	TECHN. OPTIONS	€ STANDARD	1-10 V / DALI									
	E MONTAGEHILFE FRAME ALIGNMENT KIT			14025												
	F LINIENVERBINDER 1 Paar LINEAR COUPLER 1 pair	80		14026												
		 > T. 377														
				<table border="1"> <tr> <td>MM</td> <td>...10</td> <td>...12</td> <td>...15</td> </tr> <tr> <td></td> <td>10</td> <td>12,5</td> <td>15</td> </tr> </table>		MM	...10	...12	...15		10	12,5	15		12,5 mm	ORDER-EXAMPLE: 14024- 12
MM	...10	...12	...15													
	10	12,5	15													

EINSÄTZE > INSERTS LED

230 V








	G	L MM	LED	W / LUMEN	CRI	ENERGY LABEL	ART-NO			TECHN. OPTIONS	€	
							STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
	1140			3000 K	25 / 3280	> 80	A++ - A ¹	85550	85552			
				4000 K	25 / 3360	> 80	A++ - A ¹	85560	85562			
	1420			3000 K	31 / 4100	> 80	A++ - A ¹	85570	85572			
				4000 K	31 / 4200	> 80	A++ - A ¹	85580	85582			
	1700			3000 K	37 / 4920	> 80	A++ - A ¹	85590	85592			
				4000 K	37 / 5040	> 80	A++ - A ¹	85600	85602			
	1980			3000 K	43 / 5740	> 80	A++ - A ¹	85610	85612			
				4000 K	43 / 5880	> 80	A++ - A ¹	85620	85622			
	2270			3000 K	50 / 6560	> 80	A++ - A ¹	85630	85632			
				4000 K	50 / 6720	> 80	A++ - A ¹	85640	85642			
												

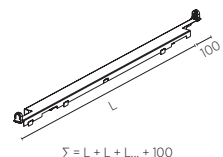


EINSÄTZE > INSERTS DIRECT

230 V







	G	T16/G5	L MM	ENERGY LABEL	ART-NO			TECHN. OPTIONS	€		
					STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V	
	ÜBER- LAPPEND OFFSET			A+ - B ²	21/39 W	775	20650	20652	20651		
					28/54 W	1075	20660	20662	20661		
					35/49 W	1375	20670	20672	20671		
					2x 28/54 W	2150	20990	20992	20991		
		 > T. 377									

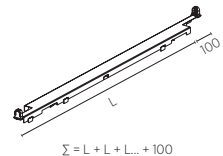



NOTLICHT-EINSÄTZE > EMERGENCY

230 V



	G	T16/G5	🕒	L MM	ENERGY LABEL	ART-NO			TECHN. OPTIONS	€		
						STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V	
	ÜBER- LAPPEND OFFSET			1375	A+ - B ²	35/49 W	1 h	20673	20675	20674		
						35 W	3 h	20676				
						49 W	3 h	20679				
												



KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES				ART-NO			TECHN. OPTIONS	€	
				STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
	WERKZEUG für Drehverschluss (nur für T16) TOOL for twist-locking (only for T16)			80045					



1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.

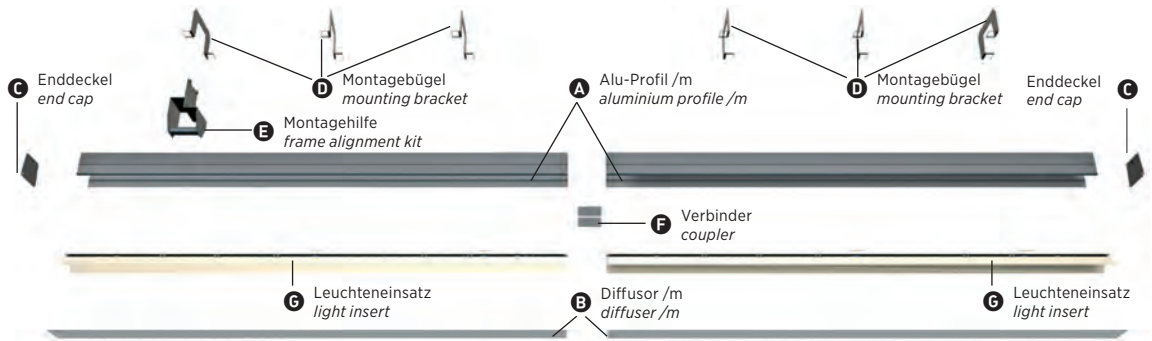


IDAHO 100 SYSTEM

PROJECT PICTURE > page 61

EXAMPLE 3410 mm

A	3,41x	14041
B	3,41x	81100
C	2x	14043
D	6x	14044
E	1x	14045
F	1x	14046
G	2x	85490



KOMPONENTEN > COMPONENTS


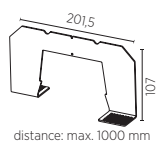

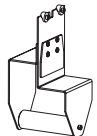

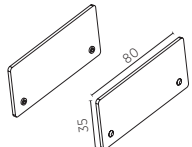

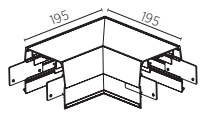

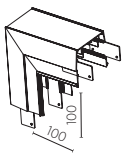

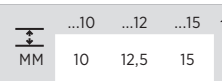

10/12.5/15 135 115 x (L+8)

		L MM	STANDARD	ART.-NO	TECHN. OPTIONS	€ STANDARD 1-10 V / DALI	
	A PROFIL PROFILE	per m	14041				
	B DIFFUSOR DIFFUSER	per m	81100				
	B MICRO PRISMA MICRO PRISM	per m	81099				
	C ENDDECKEL END CAP		14043				

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.


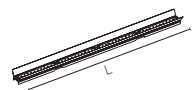

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.

		L MM		STANDARD	ART-NO		TECHN. OPTIONS	€ STANDARD	I-10 V / DALI										
	D MONTAGEBÜGEL MOUNTING BRACKET	201.5		14044			↑												
	E MONTAGEHILFE FRAME ALIGNMENT KIT			14045															
	F LINIENVERBINDER 1 Paar LINEAR COUPLER 1 pair	80		14046															
	F 90° ECKVERBINDER 90° CORNER COUPLER			14047															
	F 90° VERTIKAL VERBINDER 90° VERTICAL COUPLER			14048															
				CE															
						 <table border="1"> <tr> <td></td> <td>...10</td> <td>...12</td> <td>...15</td> <td>↑</td> </tr> <tr> <td>MM</td> <td>10</td> <td>12,5</td> <td>15</td> <td></td> </tr> </table>		...10	...12	...15	↑	MM	10	12,5	15			12.5 mm	ORDER-EXAMPLE: ↑ 14044- 12
	...10	...12	...15	↑															
MM	10	12,5	15																

EINSÄTZE > INSERTS LED

230 V



	G	L MM	LED	W / LUMEN	CRI	ENERGY LABEL	ART-NO			TECHN. OPTIONS	€			
							STANDARD	DALI-DIMM	I-10 V-DIMM		STANDARD	DALI / I-10 V		
	1140		3000 K	25 / 3280	> 80	A++ - A'	85450	85452						
							85460	85462						
	1420		3000 K	31 / 4100	> 80	A++ - A'	85470	85472						
							85480	85482						
	1700		3000 K	37 / 4920	> 80	A++ - A'	85490	85492						
							85500	85502						
	1980		3000 K	43 / 5740	> 80	A++ - A'	85510	85512						
							85520	85522						
	2270		3000 K	50 / 6560	> 80	A++ - A'	85530	85532						
							85540	85542						
								CE						

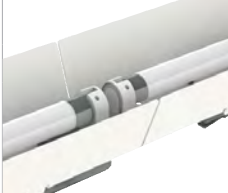
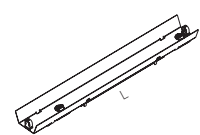
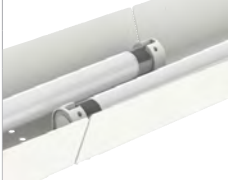
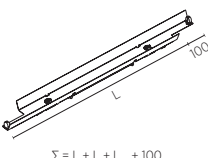
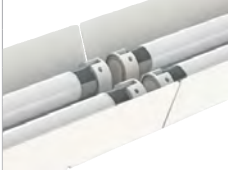
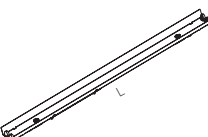
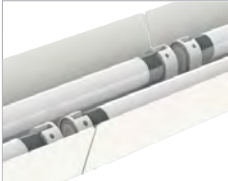
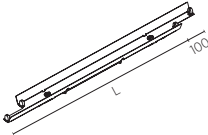



1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.

2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.

T. 074 Please complete the article number for the marked lamp sections (◆▲●) with the corresponding codes from the colour table on the inside of back cover. The most popular colour codes are: 00 = aluminium nature; 01 = silver; 02 = black; 03 = white.

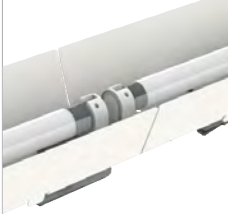
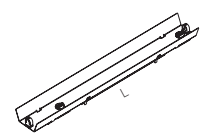
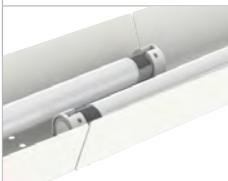
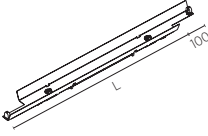
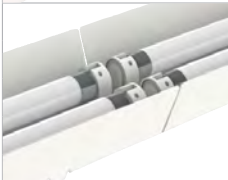
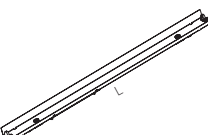
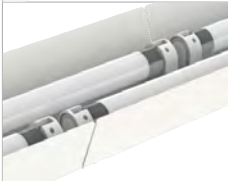
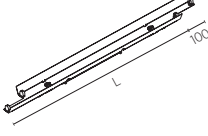


EINSÄTZE > INSERTS DIRECT




230 V  

	G	T16/G5	L MM	ENERGY LABEL	ART.-NO			TECHN. OPTIONS	€		
					STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V	
	BÜNDIG FLUSH	14/24 W	575	A+ - B ²	85110*	85112*	85111*				
		21/39 W	875	A+ - B ²	85120	85122	85121				
		28/54 W	1175	A+ - B ²	85130	85132	85131				
		35/49 W	1475	A+ - B ²	85140	85142	85141				
	ÜBERLAPPEND OFFSET	21/39 W	775	A+ - B ²	85150	85152	85151				 $\Sigma = L + L + L... + 100$
		28/54 W	1075	A+ - B ²	85160	85162	85161				
		35/49 W	1375	A+ - B ²	85170	85172	85171				
		2x 28/54 W	2150	A+ - B ²	85180	85182	85181				
	BÜNDIG 2-flammig FLUSH 2-flammed	2x 21 W	875	A+ - B ²	85200	85202	85201				
		2x 28 W	1175	A+ - B ²	85220	85222	85221				
		2x 35 W	1475	A+ - B ²	85240	85242	85241				
	ÜBERLAPPEND 2-flammig OFFSET 2-flammed	2x 21 W	875	A+ - B ²	85260	85262	85261				 $\Sigma = L + L + L... + 100$
		2x 28 W	1175	A+ - B ²	85280	85282	85281				
		2x 35 W	1475	A+ - B ²	85300	85302	85301				
				 > T. 377		CE		* ohne Durchgangsverdrahtung * without feed-through wiring			

NOTLICHT-EINSÄTZE > EMERGENCY

230 V  

	G	T16/G5	L MM	ENERGY LABEL	ART.-NO			TECHN. OPTIONS	€			
					STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V		
	BÜNDIG FLUSH	28 W	1 h	1175	A+ - B ²	85133						
		28 W	3 h	1175	A+ - B ²	85136						
		54 W	1 h	1175	A+ - B ²	85139						
		35/49 W	1 h	1475	A+ - B ²	85143	85145	85144				
		35/49 W	3 h	1475	A+ - B ²	85146	85148	85147				
	ÜBERLAPPEND OFFSET	35/49 W	1 h	1375	A+ - B ²	85173	85175	85174			 $\Sigma = L + L + L... + 100$	
		35 W	3 h	1375	A+ - B ²	85176						
		49 W	3 h	1375	A+ - B ²	85179						
	BÜNDIG 2-flammig FLUSH 2-flammed	2x 28 W	1 h	1175	A+ - B ²	85223						
		2x 28 W	3 h	1175	A+ - B ²	85226						
		2x 35 W	1 h	1475	A+ - B ²	85243	85245	85244				
		2x 35 W	3 h	1475	A+ - B ²	85246	85248	85247				
	ÜBERLAPPEND 2-flammig OFFSET 2-flammed	2x 28 W	1 h	1175	A+ - B ²	85283					 $\Sigma = L + L + L... + 100$	
		2x 28 W	3 h	1175	A+ - B ²	85286						
		2x 35 W	1 h	1475	A+ - B ²	85303	85305	85304				
		2x 35 W	3 h	1475	A+ - B ²	85306	85308	85307				
					CE							

KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES		ART.-NO			TECHN. OPTIONS	€	
		STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
			80045				

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

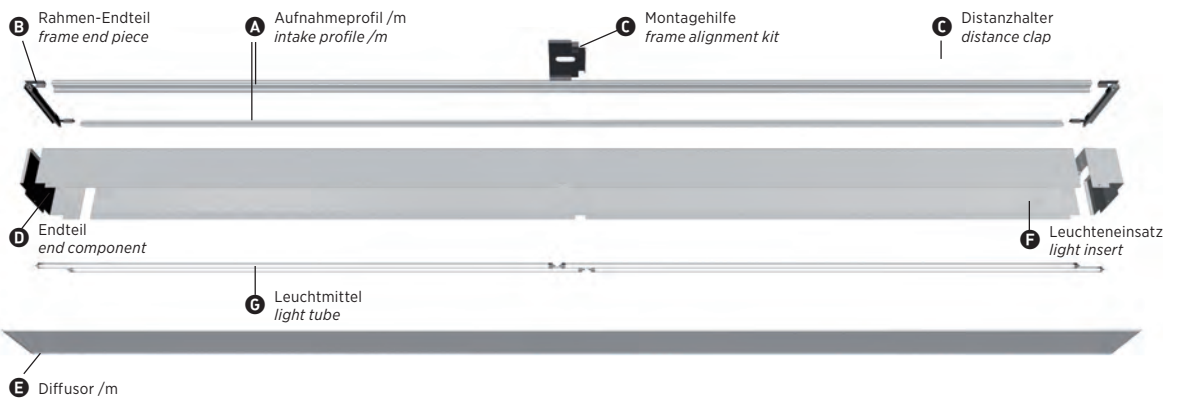
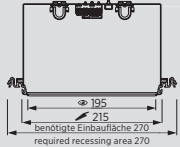
Zur Farbauswahl der markierten Leuchtenbereiche (◆ ● ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.



WHITELINE SYSTEM

EXAMPLE 2440 mm

- A** 2,4x 05-802
- B** 2x 05-9912EBR
- C** 1x 05-912
- D** 2x 05-9150
- E** 2,4x 05-9149
- F** 2x 05-9153
- G** 4x T16 - 28/54 W



KOMPONENTEN > COMPONENTS


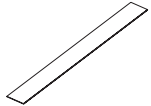



		L MM	±	STANDARD	ART.-NO	TECHN. OPTIONS	€ STANDARD	1-10 V / DALI	
	A AUFNAHMEPROFIL 1 Paar INTAKE PROFILE 1 pair	per m	12,5	05-802					
		per m	15	05-803					
	B RAHMEN-ENDTEIL FRAME END COM- PONENT		12,5	05-9912EBR					
			15	05-9915EBR					
	C MONTAGEHILFE FRAME ALIGNMENT KIT			05-912					
	D ENDTEIL END COMPONENT			05-9150					

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.

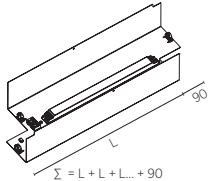
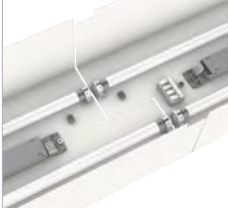



2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.

T. 076 Please complete the article number for the marked lamp sections (●▲●) with the corresponding codes from the colour table on the inside of back cover. The most popular colour codes are: 00 = aluminium nature; 01 = silver; 02 = black; 03 = white.

	E	L MM	per m	ART.-NO			TECHN. OPTIONS	€	
				STANDARD				STANDARD	1-10 V / DALI
	DIFFUSOR DIFFUSER			05-9149					 max. 2500 mm
				CE					

EINSÄTZE > INSERTS

230 V  

	F	T16/G5	L MM	ENERGY LABEL	ART.-NO			TECHN. OPTIONS	€		 $\Sigma = L + L + L... + 90$
					STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V	
	ÜBER- LAPPEND OFFSET		2x 14/24 W	575	A+ - B ²	05-9151*	...DD*	...D1*			
			2x 21/39 W	875	A+ - B ²	05-9152	...DD	...D1			
			2x 28/54 W	1175	A+ - B ²	05-9153	...DD	...D1			
			2x 35/49 W	1475	A+ - B ²	05-9154	...DD	...D1			
 > T. 377				CE		* ohne Durchgangsverdrahtung * without feed-through wiring					

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.

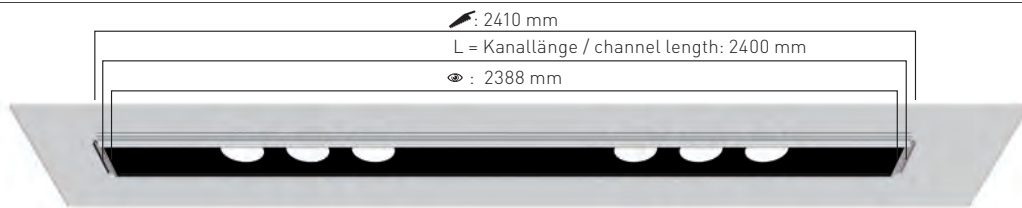
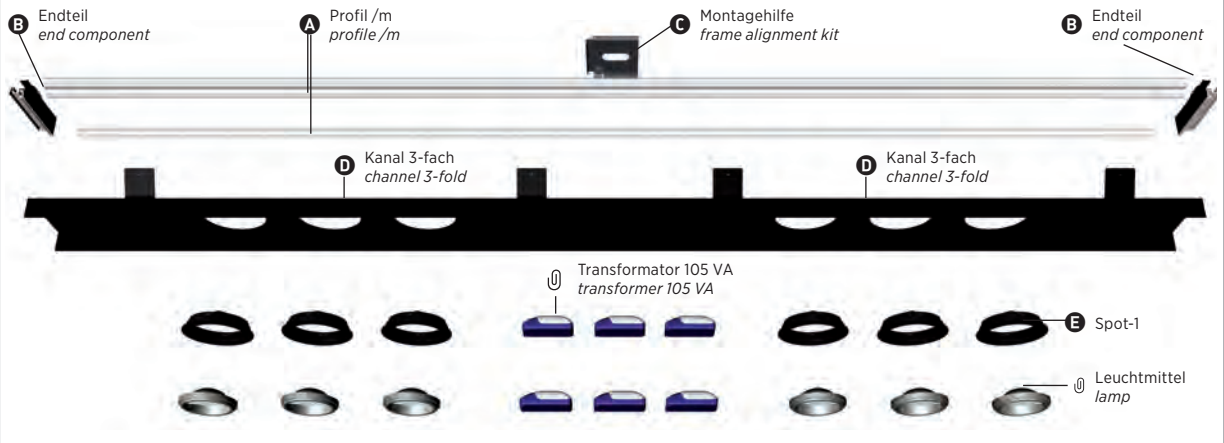
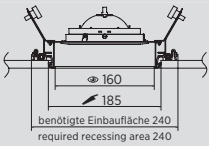


2LOOK4LIGHT SYSTEM

PROJECT PICTURE > page 56-60

EXAMPLE 2388 mm

- A** 2,4x 28-801
- B** 2x 14051
- C** 1x 28-8015
- D** 2x 14057
- E** 6x 82001
- ⊕ 6x QR-111 - 75 W
- ⊕ 6x 14-22083688



KOMPONENTEN > COMPONENTS


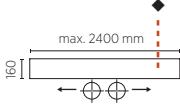

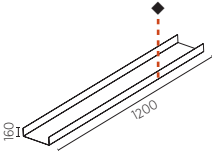
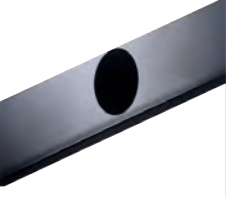
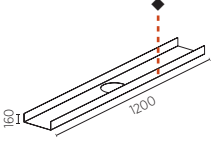

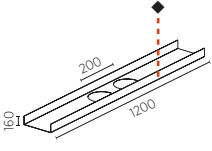
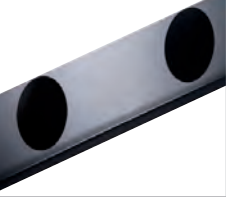
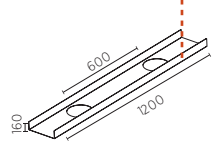

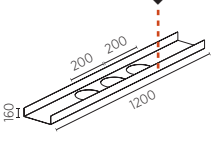
12.5 185 x (L+10) ▲ ↑


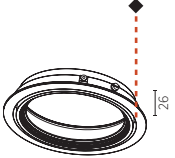
		L MM		ART-NO	01-25	TECHN. OPTIONS	STANDARD € 1-10 V / DALI	
	A AUFNAHMEPROFIL RANDLOS 1 Paar INTAKE PROFILE RIMLESS 1 pair	per m		28-801				 max. 3000 mm
	B ENDETEIL END COMPONENT			14051	◆			
	C MONTAGEHILFE FRAME ALIGNMENT KIT			28-8015				

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.

2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.

T. 078 Please complete the article number for the marked lamp sections (◆▲●) with the corresponding codes from the colour table on the inside of back cover. The most popular colour codes are: 00 = aluminium nature; 01 = silver; 02 = black; 03 = white.

	D	L MM	ART-NO	STANDARD	01-25	TECHN. OPTIONS	€		1-10 V / DALI
							STANDARD	1-10 V / DALI	
	KANAL MIT AUS- NEHMUNGEN NACH WUNSCH CHANNEL WITH CUTS OF YOUR CHOICE			14052	◆				
	KANAL BLIND CHANNEL BLIND	1200		14053	◆				
	KANAL 1-FACH CHANNEL 1-FOLD	1200		14054	◆				
	KANAL 2-FACH CHANNEL 2-FOLD	1200		14055	◆				
	KANAL 2-FACH LANG CHANNEL 2-FOLD LONG	1200		14056	◆				
	KANAL 3-FACH CHANNEL 3-FOLD	1200		14057	◆				
				CE	✕				

SPOT 1		12 V		excl.	360°	+140°	155	▲	↑
E	QR-111/GS3	D MM	ENERGY LABEL	ART-NO		01-25	TECHN. OPTIONS	€	
	STANDARD	DALI-DIMM	1-10 V-DIMM	STANDARD	DALI / 1-10 V				
	QR-111	75 W	141	A - C ²	82001	◆			
				U > T. 375	CE	↔ 0.5m	◆	✕	

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.

SPOT 2		excl.		360°		± 40°		175		↑	
E	HIR III-CE/GX8.5	D MM	ENERGY LABEL	ART.-NO			01-25	TECHN. OPTIONS	€		
				STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V	
	HIR111-CE	35/70 W	A - B ²	82002			◆				
				CE	D ₊ 0.5m	☒					

SPOT 3		230 V		360°		± 40°		185		↑	
E	QPAR30/E27	D MM	ENERGY LABEL	ART.-NO			01-25	TECHN. OPTIONS	€		
				STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V	
	Q-PAR30	75 W	A++ - E ²	82005			◆				
				CE	D ₊ 0.5m	☒					

SPOT 4		230 V		incl.		360°		± 40°		245		↑	
E	TC-DEL/G24q2	D MM	ENERGY LABEL	ART.-NO			01-25	TECHN. OPTIONS	€				
				STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V			
	TC-DEL	18 W	A - B ²	82006	82007	82008	◆						
				CE	D ₊ 0.5m	☒							

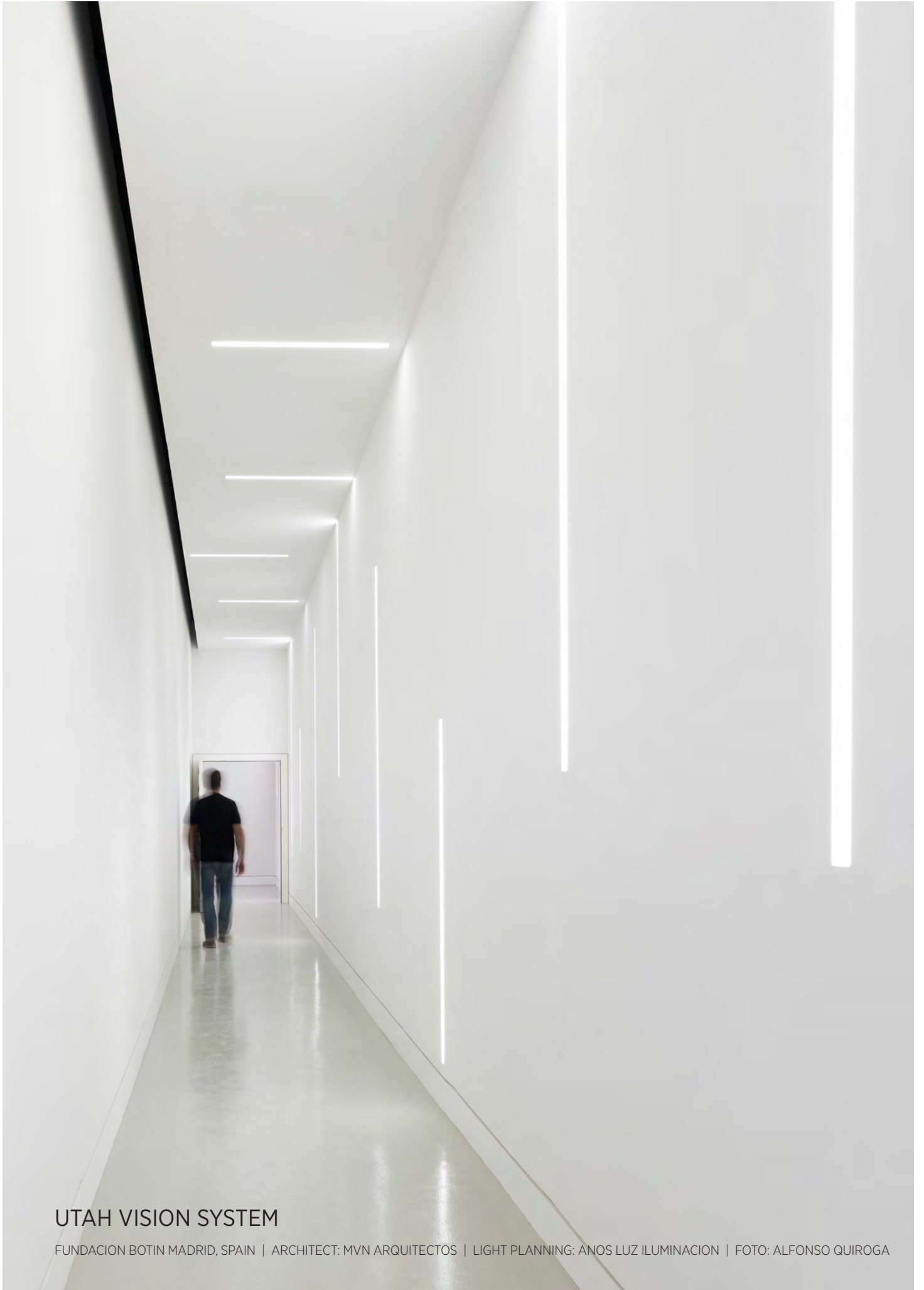
SPOT 5		excl.		360°		± 40°		205		↑	
E	HIT-CE/G12	D MM	ENERGY LABEL	ART.-NO			01-25	TECHN. OPTIONS	€		
				STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V	
	HIT	35/70 W	A+ - A ²	82003			◆	⏏			
				CE	D ₊ 0.5m	☒					

							REFLECTOR	...13	...40	...50	⏏	ORDER-EXAMPLE: ◆ ⏏
								13°	40°	50°		82003- 03 50
												white
												50°

KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES		D MM	ART.-NO			01-25	TECHN. OPTIONS	€		
			STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V	
	COLOUR FILTER	110	28-281			■				
			28-282			■				
			28-283			■				
	UV-FILTER	110	28-287							

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.

2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



UTAH VISION SYSTEM

FUNDACION BOTIN MADRID, SPAIN | ARCHITECT: MVN ARQUITECTOS | LIGHT PLANNING: ANOS LUZ ILUMINACION | FOTO: ALFONSO QUIROGA

TECHNIC

2.1

**EINBAU /
RECESSED**

LEUCHTEN /
LIGHTS

2.1

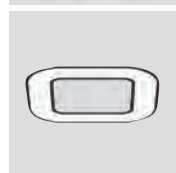
EINBAU / RECESSED LEUCHTEN / LIGHTS



**PI-QUADRAT/
SIGN**
T. 084



WHITELINE
T. 085



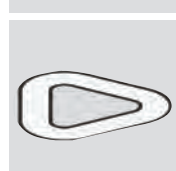
QUANTUM
T. 087



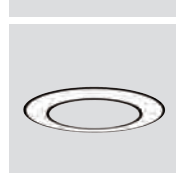
SMOOTHY
T. 088



SMOOTHLINE
T. 089



VICTORY
T. 090



GLORIOUS
T. 091



SIGN ROUND
T. 092



SUPER SIGN
T. 093



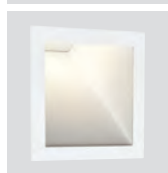
**PI-QUADRAT
PLUS**
T. 094



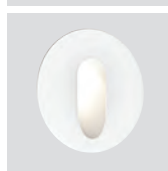
**SIGN ROUND
CENTER**
T. 095



2INLOVE
T. 096



GOOO!
T. 097



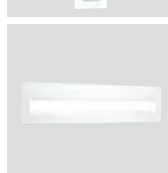
LOLLIPOP
T. 098



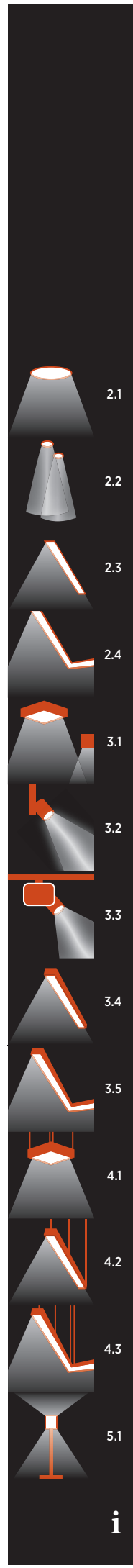
VIRGIN
T. 099



STRING
T. 100



**STRING
ASYMMETRIC**
T. 102





PI-QUADRAT 340 230 V incl. incl.

LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€	
									STANDARD	DALI / 1-10 V
3000 K	10,3 / 1300	> 80	A++ - A ¹	21450	21452	21451	◆	Ⓟ		
4000 K	10,3 / 1350	> 80	A++ - A ¹	21460	21462	21461	◆	Ⓟ		
			ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€	
22 W			A+ - B ²	21030	21032	21031	◆	Ⓟ		
	2x 18 W		A++ - B ²	21040	21042	21041	◆	Ⓟ		
				CE						

...01 ...02
 opal micro-prism

ORDER-EXAMPLE: ◆ Ⓟ
21030- 02 01
 black opal

PI-QUADRAT 410 230 V incl. incl.

LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€	
									STANDARD	DALI / 1-10 V
3000 K	12 / 1670	> 80	A++ - A ¹	21070	21072	21071	◆	Ⓟ		
4000 K	12 / 1730	> 80	A++ - A ¹	21080	21082	21081	◆	Ⓟ		
			ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€	
22/40 W			A+ - B ²	21050	21052	21051	◆	Ⓟ		
	2x 24 W		A++ - B ²	21060	21062	21061	◆	Ⓟ		
				CE						

...01 ...02
 opal micro-prism

ORDER-EXAMPLE: ◆ Ⓟ
21070- 02 02
 black micro-prism

SIGN 640 PROJECT PICTURE > page 76 230 V incl. incl.







LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€	
									STANDARD	DALI / 1-10 V
3000 K	46 / 6680	> 80	A++ - A ¹	21180	21182		◆	Ⓟ		
4000 K	46 / 6920	> 80	A++ - A ¹	21190	21192		◆	Ⓟ		
			ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€	
4x 14/24 W			A+ - B ²	21170	21172	21171	◆	Ⓟ		
> T. 377				CE						

...01 ...02
 opal micro-prism

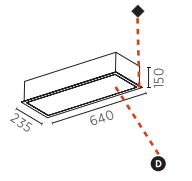
ORDER-EXAMPLE: ◆ Ⓟ
21182- 02 01
 black opal

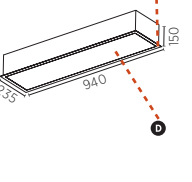
1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



WHITELINE 640 PROJECT PICTURE > page 83 230 V  incl.  incl.  160  625 x 220  







LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	€ DALI / 1-10 V
3000 K	18 / 2190	> 80	A++ - A ¹	210-1550	210-1552		◆	D		
4000 K	18 / 2280	> 80	A++ - A ¹	210-1560	210-1562		◆	D		
T16/G5	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	€ DALI / 1-10 V		
2x 14/24 W	A+ - B ²	21130	21132	21131	◆	D				

 150
235 640

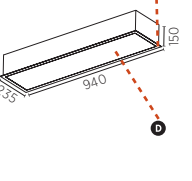
 150
235 640

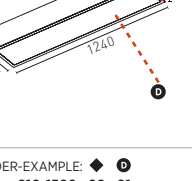
...01 ...02
DIFFUSOR
opal micro-prism

ORDER-EXAMPLE: ◆ D
210-1550- 02 01
black opal

WHITELINE 940 PROJECT PICTURE > page 83 230 V  incl.  incl.  160  925 x 220  







LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	€ DALI / 1-10 V
3000 K	27 / 3285	> 80	A++ - A ¹	210-1570	210-1572		◆	D		
4000 K	27 / 3420	> 80	A++ - A ¹	210-1580	210-1582		◆	D		
T16/G5	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	€ DALI / 1-10 V		
2x 21/39 W	A+ - B ²	21140	21142	21141	◆	D				

 150
235 940

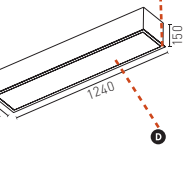
 150
235 940


...01 ...02
DIFFUSOR
opal micro-prism

ORDER-EXAMPLE: ◆ D
210-1570- 02 01
black opal

WHITELINE 1240 PROJECT PICTURE > page 83 230 V  incl.  incl.  160  1225 x 220  

LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	€ DALI / 1-10 V
3000 K	36 / 4380	> 80	A++ - A ¹	210-1590	210-1592		◆	D		
4000 K	36 / 4560	> 80	A++ - A ¹	210-1600	210-1602		◆	D		
T16/G5	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	€ DALI / 1-10 V		
2x 28/54 W	A+ - B ²	21150	21152	21151	◆	D				

 150
235 1240

 150
235 1240

...01 ...02
DIFFUSOR
opal micro-prism

ORDER-EXAMPLE: ◆ D
210-1590- 02 01
black opal

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.

WHITELINE 1540

PROJECT PICTURE > page 83

230 V



incl.



incl.



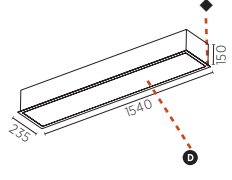
160



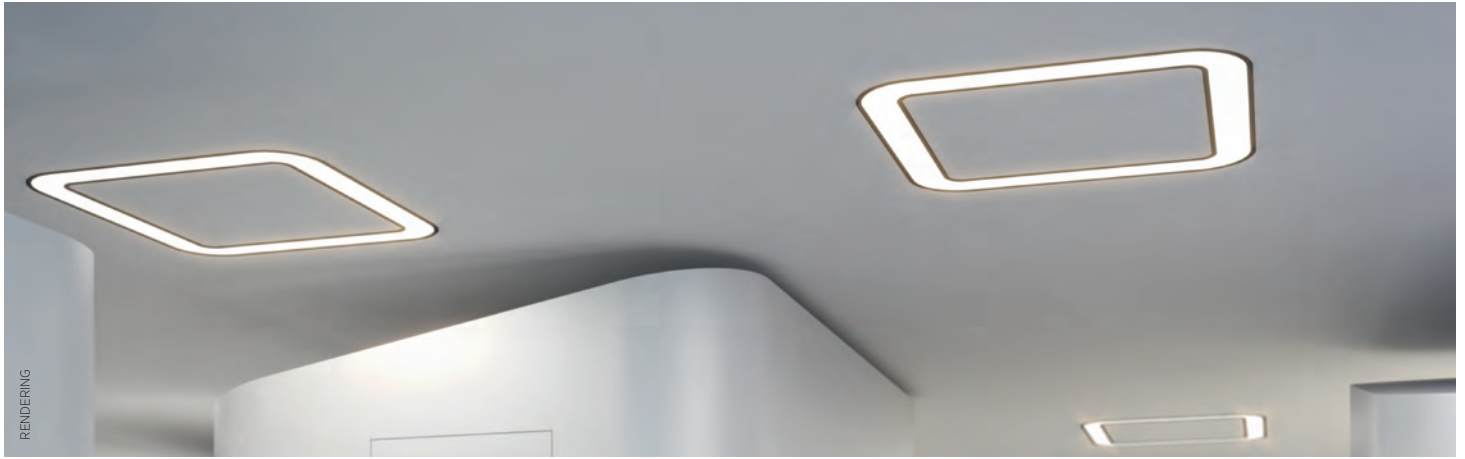
1525 x 220



LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO		01-25	TECHN. OPTIONS	€	
					DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V
3000 K	45 / 5475	> 80	A++ - A ¹	210-1610	210-1612		◆	Ⓚ		
4000 K	45 / 5700	> 80	A++ - A ¹	210-1620	210-1622		◆	Ⓚ		
T16/G5		ENERGY LABEL	STANDARD	ART.-NO		01-25	TECHN. OPTIONS	€		
2x 35/49 W				A+ - B ²	21160			21162	21161	◆ <td>Ⓚ</td> <td></td> <td></td>
> T. 377				CE						
								Ⓚ ...01 ...02 opal micro-prism	ORDER-EXAMPLE: ◆ Ⓚ 210-1610- 02 01 black opal	



1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



QUANTUM 820		PROJECT PICTURE > page 74							230 V	LED incl.	160	use jig*		
LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	0/25	TECHN. OPTIONS	STANDARD	€ DALI / 1-10 V				
3000 K	50 / 6560	> 80	A++ - A'	210-1780	210-1782		◆	Ⓟ						
4000 K	50 / 6720	> 80	A++ - A'	210-1790	210-1792		◆	Ⓟ						
				CE					* Das Ausschnittmaß gibt die mitgelieferte Schablone vor. The supplied jig specifies the cutout dimension.					
											ORDER-EXAMPLE: ◆ Ⓟ 210-1780- 02 01 black opal			

QUANTUM 1120		PROJECT PICTURE > page 74							230 V	LED incl.	160	use jig*		
LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	0/25	TECHN. OPTIONS	STANDARD	€ DALI / 1-10 V				
3000 K	75 / 9840	> 80	A++ - A'	210-1830	210-1832		◆	Ⓟ						
4000 K	75 / 10080	> 80	A++ - A'	210-1840	210-1842		◆	Ⓟ						
				CE					* Das Ausschnittmaß gibt die mitgelieferte Schablone vor. The supplied jig specifies the cutout dimension.					
											ORDER-EXAMPLE: ◆ Ⓟ 210-1830- 02 01 black opal			

QUANTUM 1420		PROJECT PICTURE > page 74							230 V	LED incl.	160	use jig*		
LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	0/25	TECHN. OPTIONS	STANDARD	€ DALI / 1-10 V				
3000 K	100 / 13120	> 80	A++ - A'	210-1880	210-1882		◆	Ⓟ						
4000 K	100 / 13440	> 80	A++ - A'	210-1890	210-1892		◆	Ⓟ						
				CE					* Das Ausschnittmaß gibt die mitgelieferte Schablone vor. The supplied jig specifies the cutout dimension.					
											ORDER-EXAMPLE: ◆ Ⓟ 210-1880- 02 01 black opal			

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.



SMOOTHY 392										230 V	LED incl.	incl.	160	375 x 375			
LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	€							
3000 K	12 / 1670	> 80	A++ - A ¹		21340	21342	21341	◆	Ⓟ								
4000 K	12 / 1730	> 80	A++ - A ¹		21350	21352	21351	◆	Ⓟ								
T16-R/2GX13			ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	€							
40 W			A+ - B ²		21320	21322	21321	◆	Ⓟ								
55 W			A+ - B ²		21330	21332	21331	◆	Ⓟ								
				CE													
										...01	...02	DIFFUSOR		ORDER-EXAMPLE: ◆ Ⓟ			
										opal	micro-prism			black	opal	21340-02 01	

SMOOTHY 622										230 V	LED incl.	incl.	160	605 x 605			
LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	€							
3000 K	46 / 6680	> 80	A++ - A ¹		21370	21372	◆	Ⓟ									
4000 K	46 / 6920	> 80	A++ - A ¹		21380	21382	◆	Ⓟ									
T16/G5			ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	€							
4x 14/24 W			A+ - B ²		21360	21362	21361	◆	Ⓟ								
☼ > T. 377				CE													
										...01	...02	DIFFUSOR		ORDER-EXAMPLE: ◆ Ⓟ			
										opal	micro-prism			black	opal	21370-02 01	

SMOOTHY MASTER										230 V	LED incl.	incl.	160	1205 x 605			
LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	€							
3000 K	91 / 13360	> 80	A++ - A ¹		21400	21402	◆	Ⓟ									
4000 K	91 / 13840	> 80	A++ - A ¹		21410	21412	◆	Ⓟ									
T16/G5			ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	€							
4x 28/54 W			A+ - B ²		21390	21392	21391	◆	Ⓟ								
☼ > T. 377				CE													
										...01	...02	DIFFUSOR		ORDER-EXAMPLE: ◆ Ⓟ			
										opal	micro-prism			black	opal	21400-02 01	

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



SMOOTHLINE 652

230 V incl. incl.

LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	DALI / 1-10 V
3000 K	18 / 2190	> 80	A++ - A ¹	210-1410	210-1412		◆	Ⓚ		
4000 K	18 / 2280	> 80	A++ - A ¹	210-1420	210-1422		◆	Ⓚ		
T16/G5			ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	€	STANDARD DALI / 1-10 V
2x 14/24 W			A+ - B ²	21200	21202	21201	◆	Ⓚ		
> T. 377				CE						

DIFFUSOR: opal, micro-prism

ORDER-EXAMPLE: black, opal
210-1410- 02 01

SMOOTHLINE 952

230 V incl. incl.

LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	DALI / 1-10 V
3000 K	27 / 3285	> 80	A++ - A ¹	210-1430	210-1432		◆	Ⓚ		
4000 K	27 / 3420	> 80	A++ - A ¹	210-1440	210-1442		◆	Ⓚ		
T16/G5			ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	€	STANDARD DALI / 1-10 V
2x 21/39 W			A+ - B ²	21210	21212	21211	◆	Ⓚ		
> T. 377				CE						

DIFFUSOR: opal, micro-prism

ORDER-EXAMPLE: black, opal
210-1430- 02 01

SMOOTHLINE 1252

230 V incl. incl.

LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	DALI / 1-10 V
3000 K	36 / 4380	> 80	A++ - A ¹	210-1450	210-1452		◆	Ⓚ		
4000 K	36 / 4560	> 80	A++ - A ¹	210-1460	210-1462		◆	Ⓚ		
T16/G5			ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	€	STANDARD DALI / 1-10 V
2x 28/54 W			A+ - B ²	21220	21222	21221	◆	Ⓚ		
> T. 377				CE						

DIFFUSOR: opal, micro-prism

ORDER-EXAMPLE: black, opal
210-1450- 02 01

SMOOTHLINE 1552

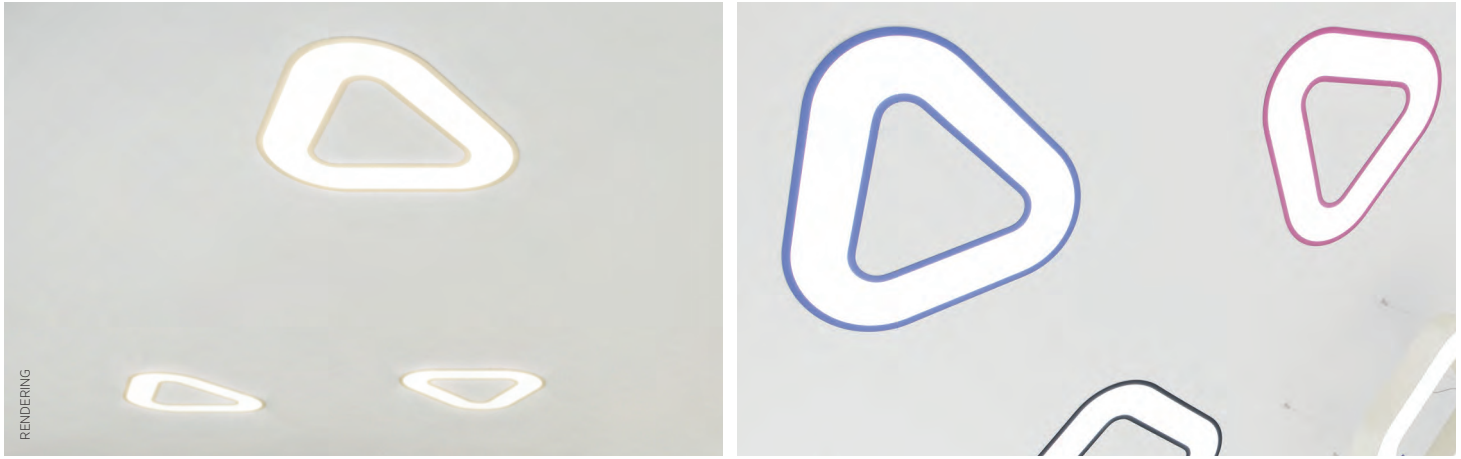
230 V incl. incl.

LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	DALI / 1-10 V
3000 K	45 / 5475	> 80	A++ - A ¹	210-1470	210-1472		◆	Ⓚ		
4000 K	45 / 5700	> 80	A++ - A ¹	210-1480	210-1482		◆	Ⓚ		
T16/G5			ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	€	STANDARD DALI / 1-10 V
2x 35/49 W			A+ - B ²	21230	21232	21231	◆	Ⓚ		
> T. 377				CE						

DIFFUSOR: opal, micro-prism

ORDER-EXAMPLE: black, opal
210-1470- 02 01

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.
 2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.
 Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur, 01 = silber, 02 = schwarz, 03 = weiß. **T. 089**



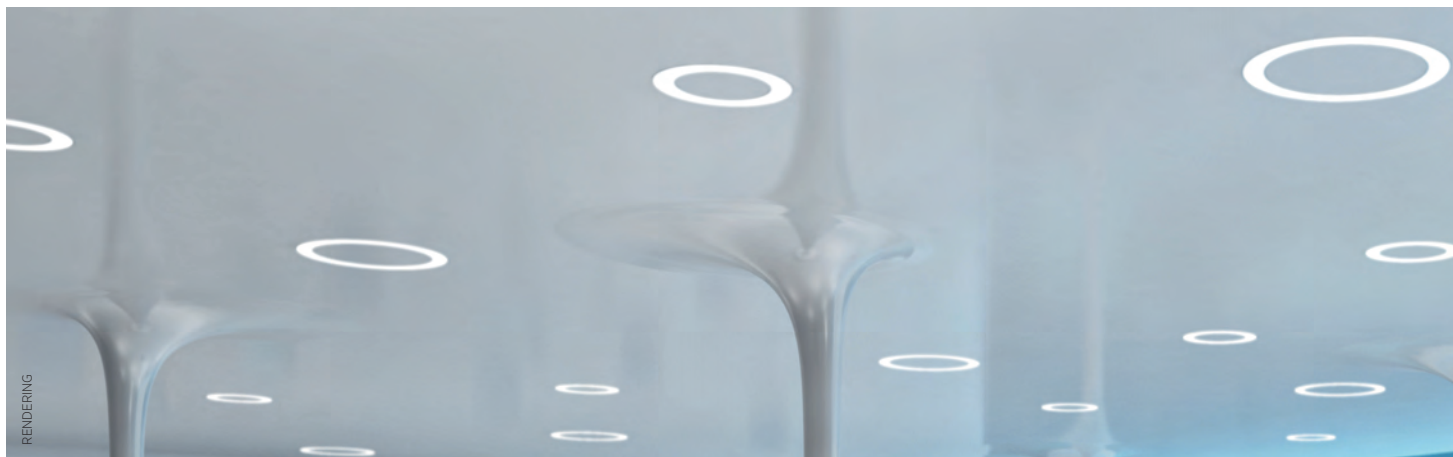
VICTORY 820		PROJECT PICTURE > page 82								230 V	LED incl.	160	use jig*		
	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	0/25	TECHN. OPTIONS	STANDARD	€ DALI / 1-10 V				
	3000 K	38 / 4920	> 80	A++ - A'	210-1630	210-1632		◆	Ⓟ						
	4000 K	38 / 5040	> 80	A++ - A'	210-1640	210-1642		◆	Ⓟ						
				CE		* Das Ausschnittmaß gibt die mitgelieferte Schablone vor. The supplied jig specifies the cutout dimension.							ORDER-EXAMPLE: ◆ Ⓟ 210-1630- 03 01 white opal		

VICTORY 1120		PROJECT PICTURE > page 82								230 V	LED incl.	160	use jig*		
	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	0/25	TECHN. OPTIONS	STANDARD	€ DALI / 1-10 V				
	3000 K	56 / 7380	> 80	A++ - A'	210-1680	210-1682		◆	Ⓟ						
	4000 K	56 / 7560	> 80	A++ - A'	210-1690	210-1692		◆	Ⓟ						
				CE		* Das Ausschnittmaß gibt die mitgelieferte Schablone vor. The supplied jig specifies the cutout dimension.							ORDER-EXAMPLE: ◆ Ⓟ 210-1680- 03 01 white opal		

VICTORY 1420		PROJECT PICTURE > page 82								230 V	LED incl.	160	use jig*		
	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	0/25	TECHN. OPTIONS	STANDARD	€ DALI / 1-10 V				
	3000 K	75 / 9840	> 80	A++ - A'	210-1730	210-1732		◆	Ⓟ						
	4000 K	75 / 10080	> 80	A++ - A'	210-1740	210-1742		◆	Ⓟ						
				CE		* Das Ausschnittmaß gibt die mitgelieferte Schablone vor. The supplied jig specifies the cutout dimension.							ORDER-EXAMPLE: ◆ Ⓟ 210-1730- 03 01 white opal		

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.

2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



GLORIOUS 750 230 V incl.

LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€ STANDARD	€ DALI / 1-10 V
3000 K	38 / 4920	> 80	A++ - A'	210-1010	210-1012		◆	Ⓚ		
4000 K	38 / 5040	> 80	A++ - A'	210-1020	210-1022		◆	Ⓚ		
				CE						

◆ ...01 ◆ ...02

 opal micro-prism

ORDER-EXAMPLE: ◆ Ⓚ
210-1010- 02 01
 black opal

GLORIOUS 950 230 V incl.

LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€ STANDARD	€ DALI / 1-10 V
3000 K	56 / 7380	> 80	A++ - A'	210-1060	210-1062		◆	Ⓚ		
4000 K	56 / 7560	> 80	A++ - A'	210-1070	210-1072		◆	Ⓚ		
				CE						

◆ ...01 ◆ ...02

 opal micro-prism

ORDER-EXAMPLE: ◆ Ⓚ
210-1060- 02 01
 black opal

GLORIOUS 1250 230 V incl.

LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€ STANDARD	€ DALI / 1-10 V
3000 K	75 / 9840	> 80	A++ - A'	210-1110	210-1112		◆	Ⓚ		
4000 K	75 / 10080	> 80	A++ - A'	210-1120	210-1122		◆	Ⓚ		
				CE						

◆ ...01 ◆ ...02

 opal micro-prism

ORDER-EXAMPLE: ◆ Ⓚ
210-1110- 02 01
 black opal

GLORIOUS 1550 230 V incl.

LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€ STANDARD	€ DALI / 1-10 V
3000 K	93 / 12300	> 80	A++ - A'	210-1160	210-1162		◆	Ⓚ		
4000 K	93 / 12600	> 80	A++ - A'	210-1170	210-1172		◆	Ⓚ		
				CE						

◆ ...01 ◆ ...02

 opal micro-prism

ORDER-EXAMPLE: ◆ Ⓚ
210-1160- 02 01
 black opal

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur, 01 = silber, 02 = schwarz, 03 = weiß.



SIGN ROUND 313 PROJECT PICTURE > page 77-78 230 V

LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO		1-10 V-DIMM	01-25	TECHN. OPTIONS	€		10 12.5 15 25 30	175	300	▲	↑	
					DALI-DIMM	1-10 V-DIMM				STANDARD	DALI / 1-10 V						
3000 K	17 / 1980	> 80	A++ - A ¹	21860	21862	21861	◆	Ⓚ									
4000 K	17 / 2040	> 80	A++ - A ¹	21870	21872	21871	◆	Ⓚ									
○ T16-R/2GX13			ENERGY LABEL	STANDARD	ART.-NO		1-10 V-DIMM	01-25	TECHN. OPTIONS	€							
22 W			A+ - B ²	04-7001	...DD	...D1	◆	Ⓚ									
				CE			Ⓚ										

Ⓚ ...01
...02

opal
micro-prism

DIFFUSOR

ORDER-EXAMPLE: ◆ Ⓚ

21860- 02 01

black opal

SIGN ROUND 393 230 V

LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO		1-10 V-DIMM	01-25	TECHN. OPTIONS	€		10 12.5 15 25 30	175	380	▲	↑
					DALI-DIMM	1-10 V-DIMM				STANDARD	DALI / 1-10 V					
3000 K	24 / 2800	> 80	A++ - A ¹	21880	21882	21881	◆	Ⓚ								
4000 K	24 / 2970	> 80	A++ - A ¹	21890	21892	21891	◆	Ⓚ								
○ T16-R/2GX13			ENERGY LABEL	STANDARD	ART.-NO		1-10 V-DIMM	01-25	TECHN. OPTIONS	€						
40 W			A+ - B ²	04-7002	...DD	...D1	◆	Ⓚ								
22/40 W			A+ - B ²	04-7003	...DD	...D1	◆	Ⓚ								
				CE			Ⓚ									

Ⓚ ...01
...02

opal
micro-prism

DIFFUSOR

ORDER-EXAMPLE: ◆ Ⓚ

21880- 02 01

black opal

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



SUPER SIGN 492										230 V	LED incl.	incl.	10 12.5 15 25	160	480			
	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01:25	TECHN. OPTIONS	STANDARD	DALI / 1-10 V							
	3000 K	30 / 3800	> 80	A++ - A ¹	210-1930	210-1932												
	4000 K	30 / 3950	> 80	A++ - A ¹	210-1940	210-1942												
	T16-R/2GX13			ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01:25	TECHN. OPTIONS	STANDARD	DALI / 1-10 V							
	55 W			A+ - B ²	21600	21602												
				CE														
										...01	...02	DIFFUSOR		ORDER-EXAMPLE:	210-1930-02	01	black	opal
										opal	micro-prism							

SUPER SIGN 670										230 V	LED incl.	incl.	10 12.5 15 25	160	658			
	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01:25	TECHN. OPTIONS	STANDARD	DALI / 1-10 V							
	3000 K	57 / 6935	> 80	A++ - A ¹	210-1490	210-1492												
	4000 K	57 / 7220	> 80	A++ - A ¹	210-1500	210-1502												
	T16/G5	TC-LEL/2G11		ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01:25	TECHN. OPTIONS	STANDARD	DALI / 1-10 V							
	4x 24 W	2x 24 W		A++ - B ²	21710	21712	21711											
				CE														
										...01	...02	DIFFUSOR		ORDER-EXAMPLE:	210-1490-02	01	black	opal
										opal	micro-prism							

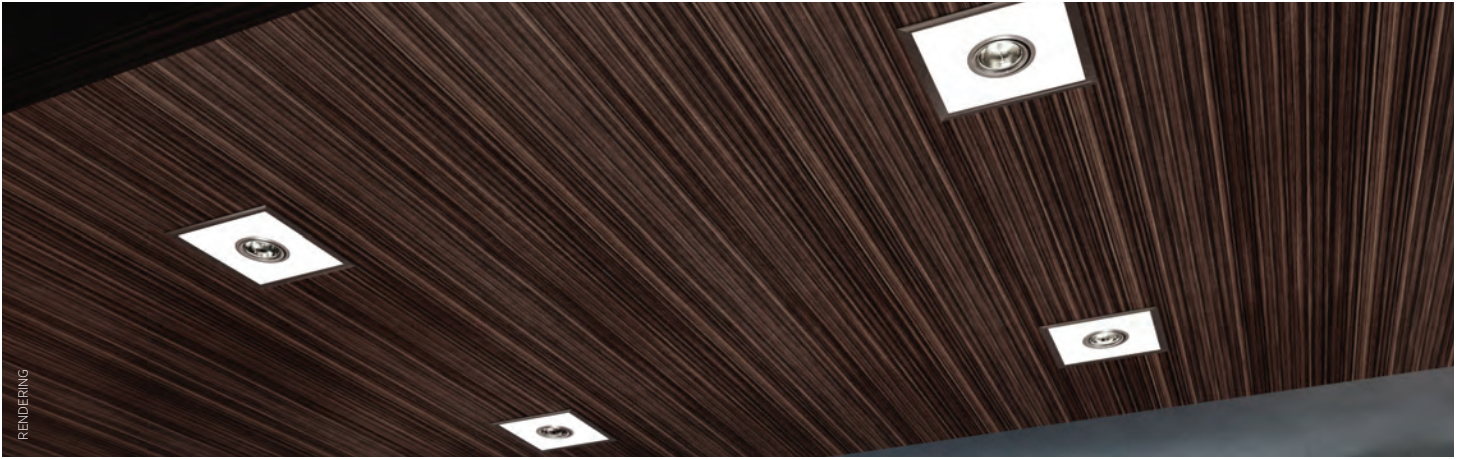
SUPER SIGN 970										230 V	LED incl.	incl.	10 12.5 15 25	160	958			
	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01:25	TECHN. OPTIONS	STANDARD	DALI / 1-10 V							
	3000 K	111 / 13505	> 80	A++ - A ¹	210-1510	210-1512												
	4000 K	111 / 14060	> 80	A++ - A ¹	210-1520	210-1522												
	T16/G5	T16/G5		ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01:25	TECHN. OPTIONS	STANDARD	DALI / 1-10 V							
	4x 14/24 W	4x 21/39 W		A+ - B ²	21720	21722	21721											
				CE														
										...01	...02	DIFFUSOR		ORDER-EXAMPLE:	210-1510-02	01	black	opal
										opal	micro-prism							

SUPER SIGN 1270										230 V	LED incl.	incl.	10 12.5 15 25	160	1258			
	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01:25	TECHN. OPTIONS	STANDARD	DALI / 1-10 V							
	3000 K	183 / 22265	> 80	A++ - A ¹	210-1530	210-1532												
	4000 K	183 / 23180	> 80	A++ - A ¹	210-1540	210-1542												
	T16/G5	T16/G5	T16/G5	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01:25	TECHN. OPTIONS	STANDARD	DALI / 1-10 V							
	2x 14/24 W	4x 21/39 W	4x 28/54 W	A+ - B ²	21730	21732	21731											
				CE														
										...01	...02	DIFFUSOR		ORDER-EXAMPLE:	210-1530-02	01	black	opal
										opal	micro-prism							

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.



PI-QUADRAT PLUS 340		PROJECT PICTURE > page 73-75				230 V		incl.		360°		±40°		160		325 x 325		↑	
T16-R/2GX13	QR-111/G53		ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	STANDARD	DALI / 1-10 V								
22 W	50 W		A+ - C ²	21100	21102		◆	●											
				CE				D+ 0.5m		X									

PI-QUADRAT PLUS 410		PROJECT PICTURE > page 73-75				230 V		incl.		360°		±40°		160		395 x 395		↑	
T16-R/2GX13	QR-111/G53	HIR111-CE/GX8.5	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	STANDARD	DALI / 1-10 V								
40 W	75 W		A+ - C ²	21110	21112		◆	●											
40 W		35 W	A+ - B ²	21120	21122	21121	◆	●											
				CE				D+ 0.5m		X									

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



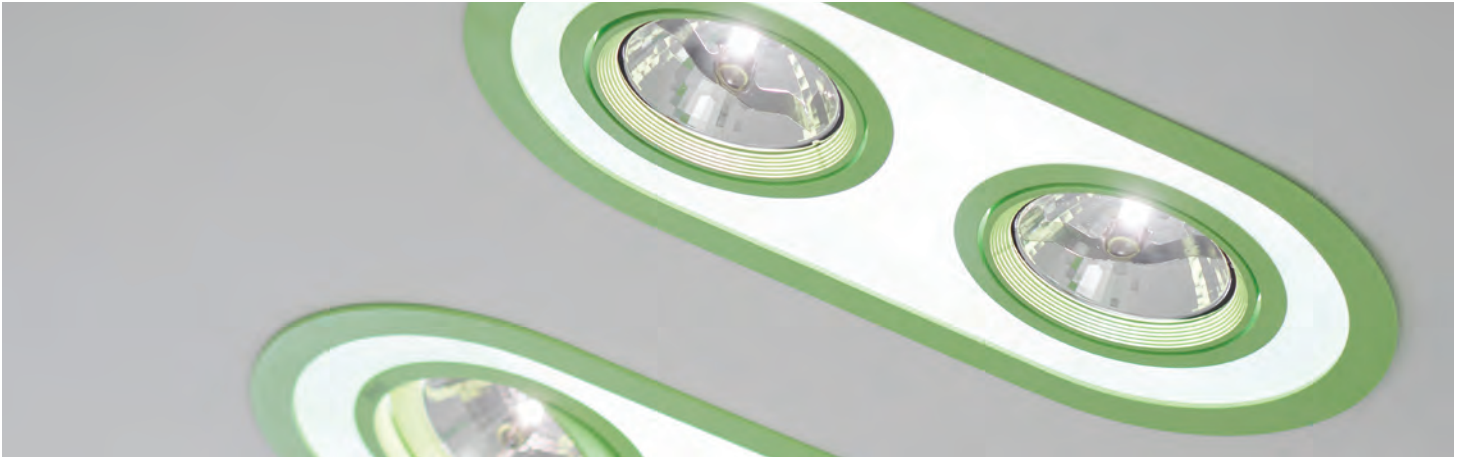
SIGN ROUND CENTER 313		PROJECT PICTURE > page 79		230 V		incl.		360°		+40°		175		300		▲		↑	
T16-R/2GX13	QR-111/G53		ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	STANDARD	DALI / 1-10 V								
22 W	50 W		A+ - C ²	04-7010	...DD		◆	●											
				CE		D+I 0.5m													

SIGN ROUND CENTER 393		PROJECT PICTURE > page 79		230 V		incl.		360°		+40°		175		380		▲		↑	
T16-R/2GX13	QR-111/G53	HIR111-CE/GX8.5	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	STANDARD	DALI / 1-10 V								
40 W	75 W		A+ - C ²	04-7004	...DD		◆	●											
40 W		35 W	A+ - B ²	04-7005	...DD	...D1	◆	●											
				CE		D+I 0.5m													


1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.




2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

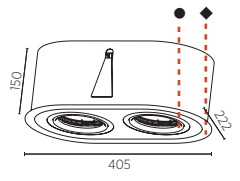
Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß. **T. 095**



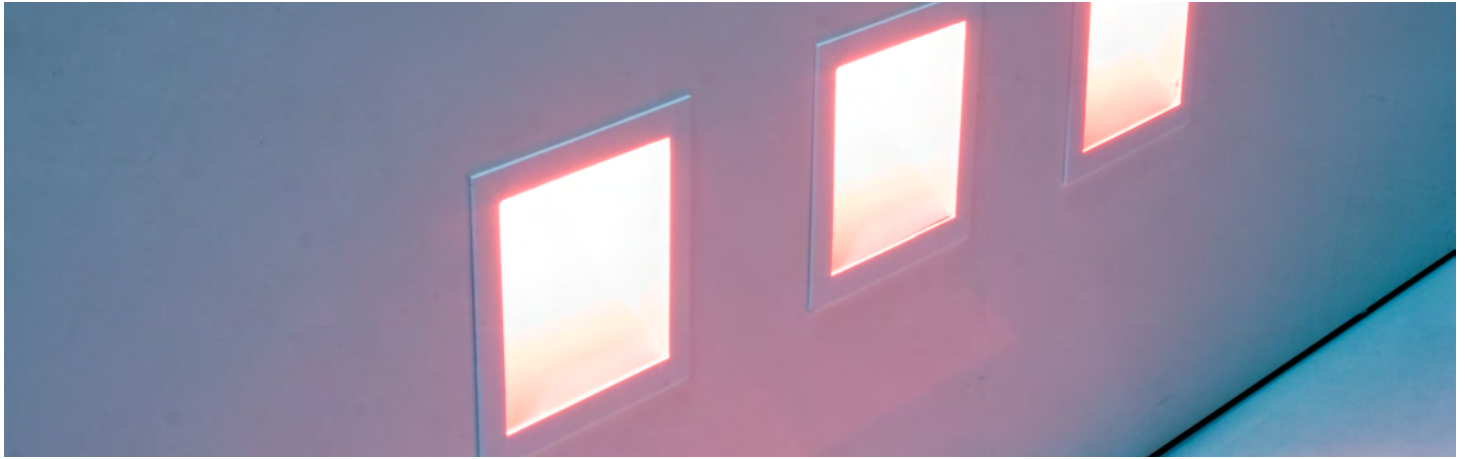
2INLOVE

230 V  incl.  incl.  360°  ±40°   160  390 x 210  

	LED	W / LUMEN	CRI	QR-111/G53	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	TECHN. OPTIONS		€	
									01-25	01-25	STANDARD	DALI / 1-10 V
	3000 K	13 / 1640	> 80	2x 50 W	A++ - A ¹	21430	21432		◆	●		
	4000 K	13 / 1680	> 80	2x 50 W	A++ - A ¹	21440	21442		◆	●		
	TC-LEL/2GT1	QR-111/G53			ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	€
	24 W	2x 50 W			A++ - C ²	21420	21422		◆	●		
						CE		0.5m				



1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



GOOO! SMALL		700 mA							LED excl.	60	48 x 48		
L MM	LED	ENERGY LABEL	STANDARD	ART.-NO	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	€	DALI / 1-10 V			
55	2 W	A++ - A ¹		22021		◆	⊕						
> T. 374			CE		LED-COLOUR ...07 ...06 ...05 ...04 ...03 ...02 ⊕								
KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES			STANDARD	ART.-NO	1-10 V-DIMM		TECHN. OPTIONS	STANDARD	€	DALI / 1-10 V	ORDER-EXAMPLE: ◆ ⊕ 22021- 03 04		
		EINBAUBOX für Betonwände HOUSING for concrete walls		29002									

GOOO!		PROJECT PICTURE > page 72							700 mA	LED excl.	80	82 x 82		
L MM	LED	ENERGY LABEL	STANDARD	ART.-NO	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	€	DALI / 1-10 V				
90	2 W	A++ - A ¹		22020		◆	⊕							
> T. 374			CE		LED-COLOUR ...07 ...06 ...05 ...04 ...03 ...02 ⊕									
KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES			STANDARD	ART.-NO	1-10 V-DIMM		TECHN. OPTIONS	STANDARD	€	DALI / 1-10 V	ORDER-EXAMPLE: ◆ ⊕ 22020- 03 04			
		EINBAUBOX für Betonwände HOUSING for concrete walls		29003										

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farb-codes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.



LOLLIPOP				700 mA	LED excl.	40	50					
LED	ENERGY LABEL	STANDARD	ART.-NO	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	DALI / 1-10 V				
2 W	A++ - A'	22006			◆	⊕						
				> T. 374		CE						
				LED-COLOUR	...07	...06	...05	...04	...03	...02	⊕	
					BLUE	GREEN	RED	AMBER	4000 K	3000 K		ORDER-EXAMPLE: ◆ ⊕ ⊕ 22006- 03 05
KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES				STANDARD	ART.-NO	1-10 V-DIMM	TECHN. OPTIONS	STANDARD	DALI / 1-10 V	€		
				29001	EINBAUBOX für Betonwände HOUSING for concrete walls							

LOLLIPOP SQUARE				700 mA	LED excl.	40	50					
LED	ENERGY LABEL	STANDARD	ART.-NO	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	DALI / 1-10 V				
2 W	A++ - A'	22005			◆	⊕						
				> T. 374		CE						
				LED-COLOUR	...07	...06	...05	...04	...03	...02	⊕	
					BLUE	GREEN	RED	AMBER	4000 K	3000 K		ORDER-EXAMPLE: ◆ ⊕ ⊕ 22005- 03 05
KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES				STANDARD	ART.-NO	1-10 V-DIMM	TECHN. OPTIONS	STANDARD	DALI / 1-10 V	€		
				29001	EINBAUBOX für Betonwände HOUSING for concrete walls							

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



VIRGIN				700 mA		LED excl.		40 50			
	LED	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	0/25	TECHN. OPTIONS	€			
	2 W							A++ - A'	22008		STANDARD
> T. 374			CE		...07 ...06 ...05 ...04 ...03 ...02		LED-COLOUR BLUE GREEN RED AMBER 4000 K 3000 K			ORDER-EXAMPLE: white red 22008- 03 05	
KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES			STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	0/25	TECHN. OPTIONS	€			
	EINBAUBOX für Betonwände HOUSING for concrete walls		29001					STANDARD	DALI / 1-10 V		

VIRGIN SQUARE				700 mA		LED excl.		40 50			
	LED	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	0/25	TECHN. OPTIONS	€			
	2 W							A++ - A'	22007		STANDARD
> T. 374			CE		...07 ...06 ...05 ...04 ...03 ...02		LED-COLOUR BLUE GREEN RED AMBER 4000 K 3000 K			ORDER-EXAMPLE: white red 22007- 03 05	
KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES			STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	0/25	TECHN. OPTIONS	€			
	EINBAUBOX für Betonwände HOUSING for concrete walls		29001					STANDARD	DALI / 1-10 V		

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß. **T. 099**


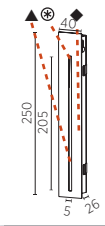





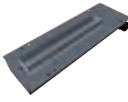
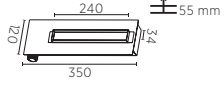


STRING 5 150		700 mA		LED excl.		30		140 x 34		→	
LED	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	STANDARD	DALI / 1-10 V		
2 W	A++ - A ¹	22012			◆	▲	⊕				
		U > T. 374	CE								
		LED-COLOUR		...07	...06	...05	...04	...03	...02		
				BLUE	GREEN	RED	AMBER	4000 K	3000 K	ORDER-EXAMPLE: ◆ ⊕ ⊙ ⊕ 22012- 01 05	
KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES		STANDARD		ART.-NO DALI-DIMM	1-10 V-DIMM	TECHN. OPTIONS		STANDARD	DALI / 1-10 V		
		EINBAUBOX für Betonwände HOUSING for concrete walls		29004							








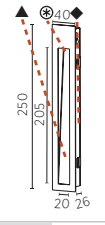






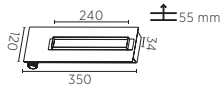
STRING 20 150		PROJECT PICTURE > page 80		700 mA		LED excl.		30		140 x 34		→	
LED	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	STANDARD	DALI / 1-10 V				
2 W	A++ - A ¹	22010			◆	▲	⊕						
		U > T. 374	CE										
		LED-COLOUR		...07	...06	...05	...04	...03	...02				
				BLUE	GREEN	RED	AMBER	4000 K	3000 K	ORDER-EXAMPLE: ◆ ⊕ ⊙ ⊕ 22010- 01 05			
KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES		STANDARD		ART.-NO DALI-DIMM	1-10 V-DIMM	TECHN. OPTIONS		STANDARD	DALI / 1-10 V				
		EINBAUBOX für Betonwände HOUSING for concrete walls		29004									

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.

STRING 5 250

		LED		ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	€	
		2 W		A++ - A ¹		22013		◆ ▲	⊕	STANDARD DALI / 1-10 V		
		 > T. 374			CE	 						
					LED-COLOUR	...07	...06	...05	...04	...03	...02	
						BLUE	GREEN	RED	AMBER	4000 K	3000 K	ORDER-EXAMPLE: ◆ ⊕ ⊗ 22013- 01 05
KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES					STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM			TECHN. OPTIONS	€	
		EINBAUBOX für Betonwände HOUSING for concrete walls				29005						

STRING 20 250


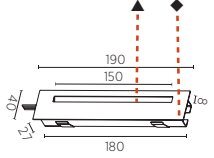
		PROJECT PICTURE > page 80										700 mA	 excl.					
		2 W		A++ - A ¹		22011		◆ ▲	⊕	STANDARD DALI / 1-10 V								
		 > T. 374			CE	 												
					LED-COLOUR	...07	...06	...05	...04	...03	...02							
						BLUE	GREEN	RED	AMBER	4000 K	3000 K	ORDER-EXAMPLE: ◆ ⊕ ⊗ 22011- 01 05						
KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES					STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM			TECHN. OPTIONS	€							
		EINBAUBOX für Betonwände HOUSING for concrete walls				29005												


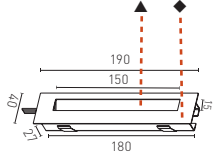
1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

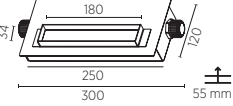

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.


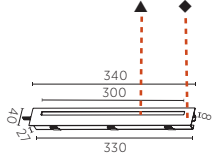
Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.


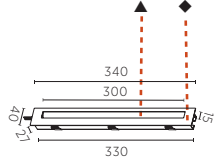


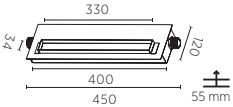

STRING ASYMMETRIC 8 190										PROJECT PICTURE > page 81		24 V/DC		LED excl.		30 180 x 34		→	
	LED	W		ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	€								
	3000 K	2		A++ - A'	22026			◆	▲		STANDARD	DALI / 1-10 V							
	4000 K	2		A++ - A'	22036			◆	▲		STANDARD	DALI / 1-10 V							
				U > T. 374	CE	◆	⊗												

STRING ASYMMETRIC 15 190										PROJECT PICTURE > page 81		24 V/DC		LED excl.		30 180 x 34		→	
	LED	W		ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	€								
	3000 K	2		A++ - A'	22024			◆	▲		STANDARD	DALI / 1-10 V							
	4000 K	2		A++ - A'	22034			◆	▲		STANDARD	DALI / 1-10 V							
				U > T. 374	CE	◆	⊗												

KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES					ART.-NO				TECHN. OPTIONS		€					
			STANDARD	DALI-DIMM	1-10 V-DIMM					STANDARD	DALI / 1-10 V					
			EINBAUBOX für Betonwände HOUSING for concrete walls		29006											

STRING ASYMMETRIC 8 340										PROJECT PICTURE > page 81		24 V/DC		LED excl.		30 330 x 34		→	
	LED	W		ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	€								
	3000 K	4		A++ - A'	22027			◆	▲		STANDARD	DALI / 1-10 V							
	4000 K	4		A++ - A'	22037			◆	▲		STANDARD	DALI / 1-10 V							
				U > T. 374	CE	◆	⊗												

STRING ASYMMETRIC 15 340										PROJECT PICTURE > page 81		24 V/DC		LED excl.		30 330 x 34		→	
	LED	W		ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	€								
	3000 K	4		A++ - A'	22025			◆	▲		STANDARD	DALI / 1-10 V							
	4000 K	4		A++ - A'	22035			◆	▲		STANDARD	DALI / 1-10 V							
				U > T. 374	CE	◆	⊗												

KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES					ART.-NO				TECHN. OPTIONS		€					
			STANDARD	DALI-DIMM	1-10 V-DIMM					STANDARD	DALI / 1-10 V					
			EINBAUBOX für Betonwände HOUSING for concrete walls		29007											

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



SIGN

BÜROGEBAUDE PKF GRAZ, AUSTRIA | ARCHITECT: CHRISTIAN LEEB | LIGHT PLANNING: SHOUP | FOTO: SIMON FISCHBACHER

TECHNIC

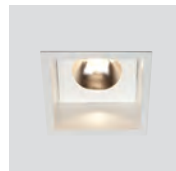
2.2

**EINBAU /
RECESSED**

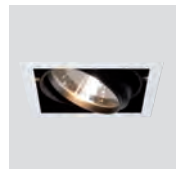
STRAHLER /
SPOTLIGHTS

2.2

EINBAU / RECESSED STRAHLER / SPOTLIGHTS



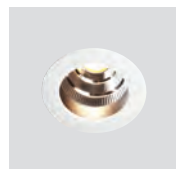
4Di
T. 106



CARDIO
T. 107



ETA MAX
T. 108



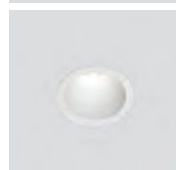
OIKO
T. 109



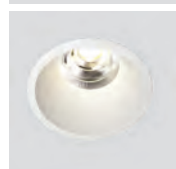
KOOKI BIG
T. 112



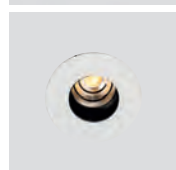
SION CONE
T. 114



KOOKI LED
T. 115



INVADER
T. 118



**INVADER
AGENT**
T. 116



INVADER ON
T. 122

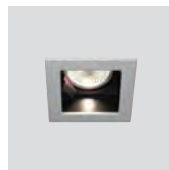


iQU
T. 123

EASY LINE



LEDMIX
T. 126



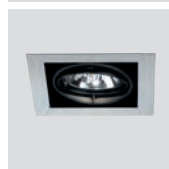
CAVE
T. 129



MATRIX SMALL
T. 131



MATRIX BIG
T. 133



KARDANIC IN
T. 136



U44
T. 137



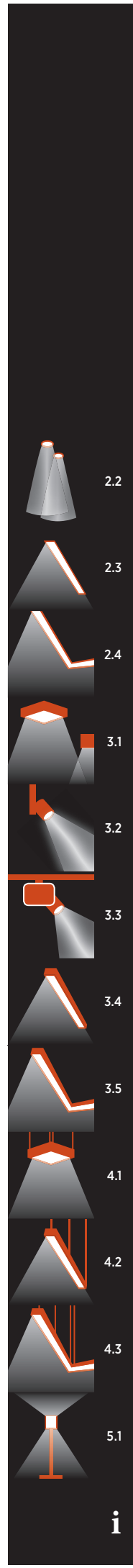
DOLPHIN
T. 139



COYOTE
T. 139



KOOKI SMALL
T. 140





4DI QR-C										12 V	excl.	40°	100	85 x 85	
	W	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	€ STANDARD DALI / 1-10 V							
QR-CBC5/GU5.3	50 W	A+ - C ²	22153			◆									
> T. 375			CE												

4DI CDM-RM										excl.	125	85 x 85	
	W	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	€ STANDARD DALI / 1-10 V					
CDM-RM/GX10	20/35 W	A ²	22154			◆							
> T. 375			CE										

4DI QPAR-16										230 V	125	85 x 85	
	W	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	€ STANDARD DALI / 1-10 V					
QPAR16/GX10	50 W	A++ - D ²	22174			◆							
> T. 375			CE										

4DI LED										500 mA	LED excl.	120	85 x 85	
	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	€ STANDARD DALI / 1-10 V					
LED	2700 K	10.5 / 800	> 90	A++ - A ¹	22155		◆							
	3000 K	10.5 / 880	> 90	A++ - A ¹	22156		◆							
	4000 K	10.5 / 1140	> 80	A++ - A ¹	22157		◆							
> T. 374			CE											
							REFLECTOR	...24	...32	...50		ORDER-EXAMPLE: ◆ ◆		
								24°	32°	50°		22155- 03 50		
												white		
												50°		

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



CARDIO 1

		700 mA	LED excl.	12 V	excl.	30°	160/100*	160 x 160						
H MM	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	01-25	TECHN. OPTIONS	€ STANDARD DALI / 1-10 V		
147	2700 K	24 / 2490	> 90	A++ - A ¹	22300			◆	▲	●	☐			
147	3000 K	24 / 2650	> 90	A++ - A ¹	22301			◆	▲	●	☐			
147	4000 K	24 / 2935	> 90	A++ - A ¹	22302			◆	▲	●	☐			
H MM	QR-III/G53	HIT-TC-CE/G8.5	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	01-25	TECHN. OPTIONS	€ STANDARD DALI / 1-10 V			
90	max. 100W		A - C ²	22060*			◆	▲	▲	☐				
147		20/35/50/70W	A+ - A ²	22061			◆	▲	▲	☐				
				REFLECTOR		...12	...24	...36	REFLECTOR		...12	...24	...40	
						12°	24°	36°			12°	24°	40°	ORDER-EXAMPLE: ◆ white ▲ black ● black ☐ 36° 22061- 03 02 02 36

CARDIO 2

		700 mA	LED excl.	12 V	excl.	30°	160/100*	160 x 160						
H MM	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	01-25	TECHN. OPTIONS	€ STANDARD DALI / 1-10 V		
147	2700 K	2x 24/2490	> 90	A++ - A ¹	22303			◆	▲	●	☐			
147	3000 K	2x 24/2650	> 90	A++ - A ¹	22304			◆	▲	●	☐			
147	4000 K	2x 24/2935	> 90	A++ - A ¹	22305			◆	▲	●	☐			
H MM	QR-III/G53	HIT-TC-CE/G8.5	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	01-25	TECHN. OPTIONS	€ STANDARD DALI / 1-10 V			
90	max. 100W		A - C ²	22070*			◆	▲	▲	☐				
147		20/35/50/70W	A+ - A ²	22071			◆	▲	▲	☐				
				REFLECTOR		...12	...24	...36	REFLECTOR		...12	...24	...40	
						12°	24°	36°			12°	24°	40°	ORDER-EXAMPLE: ◆ white ▲ black ● black ☐ 36° 22071- 03 02 02 36

CARDIO 3

		700 mA	LED excl.	12 V	excl.	30°	160/100*	160 x 160						
H MM	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	01-25	TECHN. OPTIONS	€ STANDARD DALI / 1-10 V		
147	2700 K	3x 24/2490	> 90	A++ - A ¹	22306			◆	▲	●	☐			
147	3000 K	3x 24/2650	> 90	A++ - A ¹	22307			◆	▲	●	☐			
147	4000 K	3x 24/2935	> 90	A++ - A ¹	22308			◆	▲	●	☐			
H MM	QR-III/G53	HIT-TC-CE/G8.5	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	01-25	TECHN. OPTIONS	€ STANDARD DALI / 1-10 V			
90	max. 100W		A - C ²	22080*			◆	▲	▲	☐				
147		20/35/50/70W	A+ - A ²	22081			◆	▲	▲	☐				
				REFLECTOR		...12	...24	...36	REFLECTOR		...12	...24	...40	
						12°	24°	36°			12°	24°	40°	ORDER-EXAMPLE: ◆ white ▲ black ● black ☐ 36° 22081- 03 02 02 36

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtablelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.




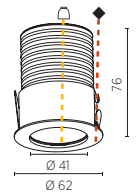
ETA MAX ROUND										excl.	355°	± 35°	140	190	
	D MM	HIT/G12	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	0f-25	TECHN. OPTIONS	STANDARD	€ DALI / 1-10 V					
	220	35/50/70 W	A+ - A ²	22043			◆								
				CE											
							REFLECTOR	...9	...15	...30	...40		ORDER-EXAMPLE: ◆ 22043- 03 30 white 30°		


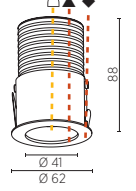
ETA MAX 1										excl.	355°	± 35°	140	205 x 205	
	HIT/G12	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	0f-25	TECHN. OPTIONS	STANDARD	€ DALI / 1-10 V						
	35/50/70 W	A+ - A ²	22030			◆									
				CE											
							REFLECTOR	...9	...15	...30	...40		ORDER-EXAMPLE: ◆ 22030- 03 40 white 40°		


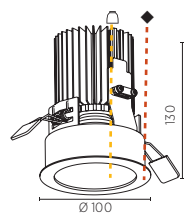
ETA MAX 2										PROJECT PICTURE > page 87-88	excl.	355°	± 35°	140	405 x 205	
	HIT/G12	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	0f-25	TECHN. OPTIONS	STANDARD	€ DALI / 1-10 V							
	2x 35/50/70 W	A+ - A ²	22031			◆										
				CE												
							REFLECTOR	...9	...15	...30	...40		ORDER-EXAMPLE: ◆ 22031- 03 40 white 40°			

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



OIKO 60											500 mA	LED excl.	± 90	57	▲	↑	
	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	0P:25	TECHN. OPTIONS	€ STANDARD	DALI / 1-10 V						
	2700 K	10.5 / 800	> 90	A++ - A ¹	22158			◆	□								
	3000 K	10.5 / 880	> 90	A++ - A ¹	22159			◆	□								
	4000 K	10.5 / 1140	> 90	A++ - A ¹	22160			◆	□								
				U > T. 374	CE	◆	⊗					REFLECTOR ...24 ...32 ...50 24° 32° 50°					
															ORDER-EXAMPLE: ◆ □ 22158- 03 50 white 50°		

OIKO UP 60											500 mA	LED excl.	± 100	57	▲	↑	
	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	0P:25	TECHN. OPTIONS	€ STANDARD	DALI / 1-10 V						
	2700 K	10.5 / 800	> 90	A++ - A ¹	22161			◆ ▲	□								
	3000 K	10.5 / 880	> 90	A++ - A ¹	22162			◆ ▲	□								
	4000 K	10.5 / 1140	> 80	A++ - A ¹	22163			◆ ▲	□								
				U > T. 374	CE	◆	⊗					REFLECTOR ...24 ...32 ...50 24° 32° 50°					
															ORDER-EXAMPLE: ◆ ▲ □ 22161- 03 02 50 white black 50°		

OIKO 100											500 mA	LED excl.	± 150	92	▲	↑	
	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	0P:25	TECHN. OPTIONS	€ STANDARD	DALI / 1-10 V						
	3000 K	17 / 2000	> 90	A++ - A ¹	22141			◆	□								
	4000 K	17 / 2210	> 90	A++ - A ¹	22142			◆	□								
	FOOD / GOLD	17 / 1800		A++ - A ¹	22224			◆	□								
	FOOD / GOLD+	17 / 1240		A++ - A ¹	22225			◆	□								
	FOOD / FM	17 / 1160		A++ - A ¹	22226			◆	□								
	FOOD / MEAT+	17 / 1130		A++ - A ¹	22227			◆	□								
	ART	17 / 1650	> 98	A++ - A ¹	22236			◆	□								
	FASHION	17 / 1520	> 90	A++ - A ¹	22237			◆	□								
				U > T. 374	CE	◆	⊗					REFLECTOR ...18 ...26 ...40 18° 26° 40°					
Eine detaillierte Produktbeschreibung von SPEZIAL-LEDs finden Sie auf der hinteren Umschlag-Innenseite. <i>More details of SPECIAL LEDs can be found on the inside back cover.</i>															ORDER-EXAMPLE: ◆ □ 22141- 03 40 white 40°		

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur, 01 = silber, 02 = schwarz, 03 = weiß.

OIKO UP 100

PROJECT PICTURE > page 100

500 mA



LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	€ STANDARD DALI / 1-10 V
3000 K	17 / 2000	> 90	A++ - A ¹	22143			◆	▲		
4000 K	17 / 2210	> 90	A++ - A ¹	22144			◆	▲		
FOOD / GOLD	17 / 1800		A++ - A ¹	22228			◆	▲		
FOOD / GOLD+	17 / 1240		A++ - A ¹	22229			◆	▲		
FOOD / FM	17 / 1160		A++ - A ¹	22230			◆	▲		
FOOD / MEAT+	17 / 1130		A++ - A ¹	22231			◆	▲		
ART	17 / 1650	> 98	A++ - A ¹	22238			◆	▲		
FASHION	17 / 1520	> 90	A++ - A ¹	22239			◆	▲		

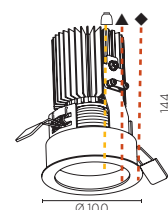
U > T. 374

CE



Eine detaillierte Produktbeschreibung von SPEZIAL-LEDs finden Sie auf der hinteren Umschlag-Innenseite.
More details of SPECIAL LEDs can be found on the inside back cover.

REFLECTOR	...18	...26	...40
	18°	26°	40°



ORDER-EXAMPLE: ◆ ▲ □
22143-03 02 40
white
black
40°

OIKO 130

700 mA



LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	€ STANDARD DALI / 1-10 V
3000 K	24 / 2650	> 90	A++ - A ¹	22260			◆			
4000 K	24 / 2935	> 90	A++ - A ¹	22261			◆			
FOOD / GOLD	24 / 2490		A++ - A ¹	22262			◆			
FOOD / GOLD+	24 / 1690		A++ - A ¹	22263			◆			
FOOD / FM	24 / 1580		A++ - A ¹	22264			◆			
FOOD / MEAT+	24 / 1540		A++ - A ¹	22265			◆			
ART	24 / 2240	> 98	A++ - A ¹	22266			◆			
FASHION	24 / 2060	> 90	A++ - A ¹	22267			◆			

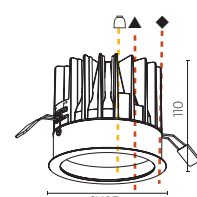
U > T. 374

CE



Eine detaillierte Produktbeschreibung von SPEZIAL-LEDs finden Sie auf der hinteren Umschlag-Innenseite.
More details of SPECIAL LEDs can be found on the inside back cover.

REFLECTOR	...12	...24	...40
	12°	24°	40°

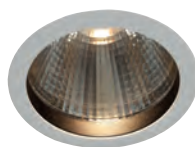


ORDER-EXAMPLE: ◆ □
22260-03 40
white
40°

OIKO UP 130

PROJECT PICTURE > page 100

700 mA



LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	€ STANDARD DALI / 1-10 V
3000 K	24 / 2650	> 90	A++ - A ¹	22268			◆	▲		
4000 K	24 / 2935	> 90	A++ - A ¹	22269			◆	▲		
FOOD / GOLD	24 / 2490		A++ - A ¹	22270			◆	▲		
FOOD / GOLD+	24 / 1690		A++ - A ¹	22271			◆	▲		
FOOD / FM	24 / 1580		A++ - A ¹	22272			◆	▲		
FOOD / MEAT+	24 / 1540		A++ - A ¹	22273			◆	▲		
ART	24 / 2240	> 98	A++ - A ¹	22274			◆	▲		
FASHION	24 / 2060	> 90	A++ - A ¹	22275			◆	▲		

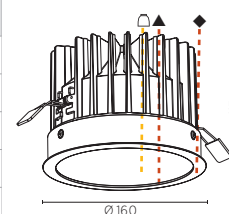
U > T. 374

CE



Eine detaillierte Produktbeschreibung von SPEZIAL-LEDs finden Sie auf der hinteren Umschlag-Innenseite.
More details of SPECIAL LEDs can be found on the inside back cover.

REFLECTOR	...12	...24	...40
	12°	24°	40°



ORDER-EXAMPLE: ◆ ▲ □
22268-03 02 40
white
black
40°

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



OIKO 160		700 mA										LED excl.	± 130	155	▲	↑	
LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	0I-25		TECHN. OPTIONS	€		REFLECTOR	...17	...30	...50	ORDER-EXAMPLE:	
							0I-25	0I-25		STANDARD	DALI / 1-10 V						17°
3000 K	24 / 2870	> 90	A++ - A ¹	22276			◆		▲							◆ ▲	
4000 K	24 / 3000	> 90	A++ - A ¹	22277			◆		▲							◆ ▲	
FOOD / GOLD	24 / 2600		A++ - A ¹	22278			◆		▲							◆ ▲	
FOOD / GOLD+	24 / 1660		A++ - A ¹	22279			◆		▲							◆ ▲	
FOOD / FM	24 / 1620		A++ - A ¹	22280			◆		▲							◆ ▲	
FOOD / MEAT+	24 / 1580		A++ - A ¹	22281			◆		▲							◆ ▲	
ART	24 / 2360	> 98	A++ - A ¹	22282			◆		▲							◆ ▲	
FASHION	24 / 2200	> 90	A++ - A ¹	22283			◆		▲							◆ ▲	
U > T. 374				CE	◆	⊗											
Eine detaillierte Produktbeschreibung von SPEZIAL-LEDs finden Sie auf der hinteren Umschlag-Innenseite. More details of SPECIAL LEDs can be found on the inside back cover.										REFLECTOR		...17	...30	...50	ORDER-EXAMPLE: ◆ ▲		
												17°	30°	50°	white 30°		

OIKO UP 160		PROJECT PICTURE > page 100										700 mA	LED excl.	± 140	155	▲	↑
LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	0I-25		TECHN. OPTIONS	€		REFLECTOR	...17	...30	...50	ORDER-EXAMPLE:	
							0I-25	0I-25		STANDARD	DALI / 1-10 V						17°
3000 K	24 / 2870	> 90	A++ - A ¹	22284			◆	▲	▲							◆ ▲ ▲	
4000 K	24 / 3000	> 90	A++ - A ¹	22285			◆	▲	▲							◆ ▲ ▲	
FOOD / GOLD	24 / 2600		A++ - A ¹	22286			◆	▲	▲							◆ ▲ ▲	
FOOD / GOLD+	24 / 1660		A++ - A ¹	22287			◆	▲	▲							◆ ▲ ▲	
FOOD / FM	24 / 1620		A++ - A ¹	22288			◆	▲	▲							◆ ▲ ▲	
FOOD / MEAT+	24 / 1580		A++ - A ¹	22289			◆	▲	▲							◆ ▲ ▲	
ART	24 / 2360	> 98	A++ - A ¹	22290			◆	▲	▲							◆ ▲ ▲	
FASHION	24 / 2200	> 90	A++ - A ¹	22291			◆	▲	▲							◆ ▲ ▲	
U > T. 374				CE	◆	⊗											
Eine detaillierte Produktbeschreibung von SPEZIAL-LEDs finden Sie auf der hinteren Umschlag-Innenseite. More details of SPECIAL LEDs can be found on the inside back cover.										REFLECTOR		...17	...30	...50	ORDER-EXAMPLE: ◆ ▲ ▲		
												17°	30°	50°	white black 30°		

OIKO WIDE 160		700 mA										LED excl.	± 120	155	▲	↑	
LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	0I-25		TECHN. OPTIONS	€		REFLECTOR	...17	...30	...50	ORDER-EXAMPLE:	
							0I-25	0I-25		STANDARD	DALI / 1-10 V						17°
3000 K	24 / 2870	> 90	A++ - A ¹	22292			◆									◆	
4000 K	24 / 3000	> 90	A++ - A ¹	22293			◆									◆	
U > T. 374				CE	◆	⊗											
Eine detaillierte Produktbeschreibung von SPEZIAL-LEDs finden Sie auf der hinteren Umschlag-Innenseite. More details of SPECIAL LEDs can be found on the inside back cover.										REFLECTOR		...17	...30	...50	ORDER-EXAMPLE: ◆		
												17°	30°	50°	white 30°		

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.



KOOKI BIG SYSTEM

PROJECT PICTURE > page 94

EXAMPLE

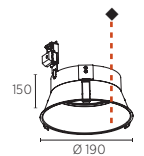
- A** 1x 22175
- B** 1x 82001
- 1x 14-22083688
- 1x QR-111 - 75 W



KOMPONENTEN > COMPONENTS



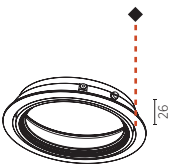
	A	D MM	ENERGY LABEL	ART.-NO			01-25	TECHN. OPTIONS	€				
				STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI			
	AUFNAHME-GEHÄUSE RANDLOS INTAKE HOUSING TRIMLESS	190		STANDARD					STANDARD	1-10 V / DALI			
				22175									
				CE									



SPOT 1

12 V excl. 360° ± 40° 155

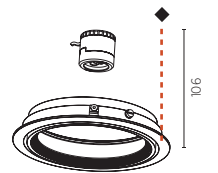
	B		D MM	ENERGY LABEL	ART.-NO			01-25	TECHN. OPTIONS	€				
					STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V			
	QR-111		75 W	A - C ²	STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V			
					82001						39,00			



SPOT 2

excl. 360° ± 40° 175

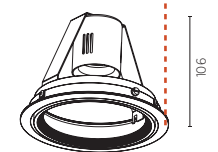
	B		D MM	ENERGY LABEL	ART.-NO			01-25	TECHN. OPTIONS	€				
					STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V			
	HIR111-CE		35/70 W	A - B ²	STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V			
					82002									




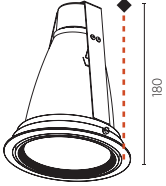
SPOT 3


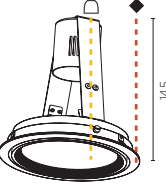
230 V excl. 360° ± 40° 185


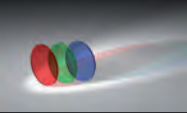
	B		D MM	ENERGY LABEL	ART.-NO			01-25	TECHN. OPTIONS	€				
					STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V			
	Q-PAR30		75 W	A++ - E ²	STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V			
					82005									



1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.

SPOT 4		230 V	incl.	360°	± 40°	245	↑					
	B	TC-DEL/G24q2	D MM	ENERGY LABEL	ART.-NO STANDARD	ART.-NO DALI-DIMM	ART.-NO 1-10 V-DIMM	01-25	TECHN. OPTIONS	€ STANDARD	€ DALI / 1-10 V	
	TC-DEL	18 W	141	A - B ²	82006	82007	82008	◆				
					CE		☒					

SPOT 5		excl.	360°	± 40°	205	↑						
	B	HIT/G12	D MM	ENERGY LABEL	ART.-NO STANDARD	ART.-NO DALI-DIMM	ART.-NO 1-10 V-DIMM	01-25	TECHN. OPTIONS	€ STANDARD	€ DALI / 1-10 V	
	HIT	35/70 W	141	A+ - A ²	82003			◆		☒		
			☒	☒ > T. 375	CE	☒ 0.5m	☒					

KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES		D MM	ART.-NO STANDARD	ART.-NO DALI-DIMM	ART.-NO 1-10 V-DIMM	01-25	TECHN. OPTIONS	€ STANDARD	€ DALI / 1-10 V	
	COLOUR FILTER	110	28-281 28-282 28-283			■				
	UV-FILTER	110	28-287							±3,5

REFLECTOR	...13	...40	...50	ORDER-EXAMPLE:
	13°	40°	50°	82003-03 50
				white 50°

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

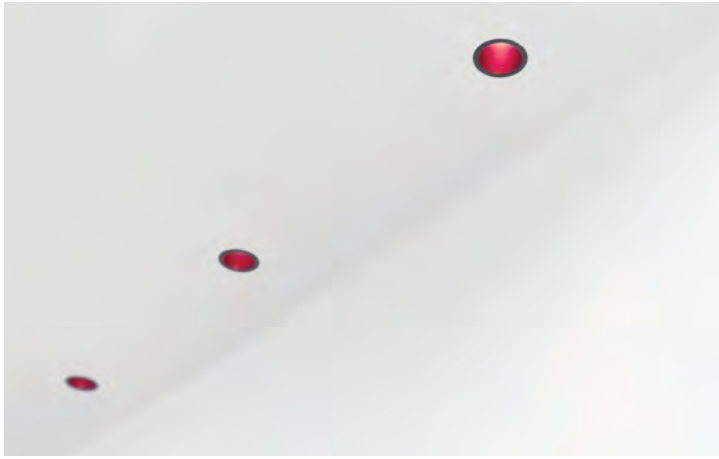
2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.



SION CONE											500 mA	LED excl.	140 mm	98		
	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€						
	2700 K	17 / 1800	> 90	A++ - A ¹	22250											
	3000 K	17 / 2000	> 90	A++ - A ¹	22251											
	4000 K	17 / 2210	> 90	A++ - A ¹	22252											
				> T. 374												
								REFLECTOR	...17	...37	...60		ORDER-EXAMPLE:			
									17°	37°	60°		22250- 03 60	white	60°	

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



KOOKI LED				700 mA		LED excl.		1 - 15		90		40		▲		↑	
LED	STANDARD	ART.-NO	ENERGY LABEL	DALI-DIMM		0f-25	TECHN. OPTIONS	€		50	Ø 44						
				1-10 V-DIMM				STANDARD	DALI / 1-10 V			
2 W		22019	A++ - A'			◆	⊕										
				> T. 374										ORDER-EXAMPLE: ◆ ⊕ 3000 K 22019- 03 02			
				LED-COLOUR		...07 ...06 ...05 ...04 ...03 ...02 ⊕		BLUE GREEN RED AMBER 4000 K 3000 K									

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.



INVADER AGENT 1 QR-CBC51										12 V	excl.	5-30	130	80	▲	↑
	QR-CBC51/GU5.3		ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	€						
	50 W		A+ - C ²	22183			◆	▲		STANDARD	DALI / 1-10 V					
				U > T. 375	CE	D+	0.5m	◆	⊗							

INVADER AGENT 1 CDM-RM										12 V	excl.	5-30	130	80	▲	↑
	CDM-RM/GU10		ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	€						
	20/35 W		A ²	22184			◆	▲		STANDARD	DALI / 1-10 V					
				U > T. 375	CE	D+	0.5m	⊗								

INVADER AGENT 1 QPAR-16										230 V	excl.	5-30	130	80	▲	↑
	QPAR16/GU10		ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	€						
	50 W		A++ - D ²	22218			◆	▲		STANDARD	DALI / 1-10 V					
				U > T. 375	CE	D+	0.5m	⊗								

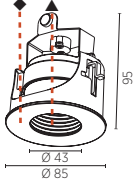
INVADER AGENT 1 LED										500 mA	LED	excl.	5-30	110	80	▲	↑
	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	€						
	2700 K	10.5 / 800	> 90	A++ - A ¹	22185			◆	▲		STANDARD	DALI / 1-10 V					
	3000 K	10.5 / 880	> 90	A++ - A ¹	22186			◆	▲								
	4000 K	10.5 / 1140	> 80	A++ - A ¹	22187			◆	▲								
				U > T. 374	CE		◆	⊗									

KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES			STANDARD	ART.-NO	01-25	€	
U	PLATTE eckig 1-fach / PLATE square 1-fold	2-25	22211		◆		Ø 80 mm
	PLATTE eckig 2-fach / PLATE square 2-fold	2-25	22212		◆		Ø 2x 80 mm / a = 105 mm
	UMRÜSTSATZ IP44 / MODIFICATION KIT IP44		22256				
	LED-UMRÜSTSATZ IP44 / LED-MODIFICATION KIT IP44		22257				

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.

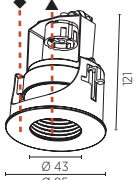
INVADER AGENT 2 QR-CBC51

QR-CBC51/GU5.3	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	€		12 V	excl.	5-30	100	80	↑	
								STANDARD	DALI / 1-10 V							
50 W	A+ - C ²	22213			◆	▲										
Ⓜ		Ⓜ > T. 375		CE	Ⓜ	0.5m	Ⓜ	Ⓜ								



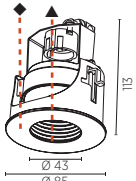
INVADER AGENT 2 CDM-RM

CDM-RM/GU10	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	€		230 V	excl.	5-30	130	80	↑	
								STANDARD	DALI / 1-10 V							
20/35 W	A ²	22214			◆	▲										
Ⓜ		Ⓜ > T. 375		CE	Ⓜ	0.5m	Ⓜ									



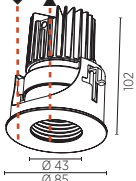
INVADER AGENT 2 QPAR-16

QPAR16/GU10	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	€		230 V	excl.	5-30	130	80	↑	
								STANDARD	DALI / 1-10 V							
50 W	A++ - D ²	22219			◆	▲										
Ⓜ		Ⓜ > T. 375		CE	Ⓜ	0.5m	Ⓜ									



INVADER AGENT 2 LED

LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	€		500 mA	LED excl.	5-30	110	80	↑
										STANDARD	DALI / 1-10 V						
2700 K	10.5 / 800	> 90	A++ - A ¹	22215			◆	▲									
3000 K	10.5 / 880	> 90	A++ - A ¹	22216			◆	▲									
4000 K	10.5 / 1140	> 80	A++ - A ¹	22217			◆	▲									
Ⓜ		Ⓜ > T. 374		CE	Ⓜ	Ⓜ	Ⓜ										










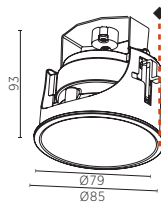
KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES	STANDARD	ART.-NO	01-25	STANDARD	€	Ⓜ
PLATTE eckig 1-fach / PLATE square 1-fold	2-25	22211	◆			Ø 80 mm
PLATTE eckig 2-fach / PLATE square 2-fold	2-25	22212	◆			Ø 2x 80 mm / a = 105 mm
UMRÜSTSATZ IP44 / MODIFICATION KIT IP44		22256				
LED-UMRÜSTSATZ IP44 / LED-MODIFICATION KIT IP44		22257				







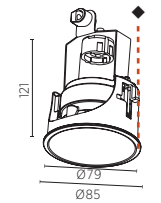
1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.






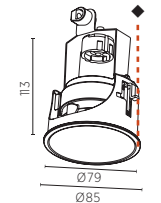
2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.










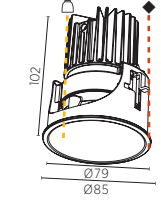

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.




INVADER 1 QR-CBC51										12 V	excl.	5-30	100	80	▲	↑
	QR-CBC51/GU5.3		ENERGY LABEL	STANDARD	ART.-NO	1-10 V-DIMM	0f-25	TECHN. OPTIONS	€							
	50 W		A+ - C ²	22110	DALI-DIMM		◆		STANDARD	DALI / 1-10 V						
			 > T. 375		  0.5m		 									

INVADER 1 CDM-RM										excl.	5-30	130	80	▲	↑
	CDM-RM/GU10		ENERGY LABEL	STANDARD	ART.-NO	1-10 V-DIMM	0f-25	TECHN. OPTIONS	€						
	20/35 W		A ²	22111	DALI-DIMM		◆		STANDARD	DALI / 1-10 V					
			 > T. 375		  0.5m										

INVADER 1 QPAR-16										230 V	5-30	130	80	▲	↑
	QPAR16/GU10		ENERGY LABEL	STANDARD	ART.-NO	1-10 V-DIMM	0f-25	TECHN. OPTIONS	€						
	50 W		A++ - D ²	22176	DALI-DIMM		◆		STANDARD	DALI / 1-10 V					
					  0.5m										

INVADER 1 LED										500 mA	LED excl.	5-30	110	80	▲	↑
	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO	1-10 V-DIMM	0f-25	TECHN. OPTIONS	€						
	2700 K	10.5 / 800	> 90	A++ - A ¹	22112	DALI-DIMM		◆		STANDARD	DALI / 1-10 V					
	3000 K	10.5 / 880	> 90	A++ - A ¹	22113			◆								
	4000 K	10.5 / 1140	> 80	A++ - A ¹	22114			◆								
			 > T. 374		 											
									REFLECTOR	...24 24°	...32 32°	...50 50°			ORDER-EXAMPLE: ◆ 22112-03 50 white 50°	

KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES			STANDARD	ART.-NO	0f-25		STANDARD	DALI / 1-10 V	
	PLATTE eckig 1-fach / PLATE square 1-fold	2-25	22211		◆				Ø 80 mm
	PLATTE eckig 2-fach / PLATE square 2-fold	2-25	22212		◆				Ø 2x 80 mm / a = 105 mm
	UMRÜSTSATZ IP44 / MODIFICATION KIT IP44		22256						
	LED-UMRÜSTSATZ IP44 / LED-MODIFICATION KIT IP44		22257						

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.

INVADER 2 QR-CBC51

QR-CBC51/GU5.3	ENERGY LABEL	STANDARD	ART.-NO		01-25	TECHN. OPTIONS	€		
			DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V	
50 W	A+ - C ²	22115			◆				

INVADER 2 CDM-RM

CDM-RM/GX10	ENERGY LABEL	STANDARD	ART.-NO		01-25	TECHN. OPTIONS	€		
			DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V	
20/35 W	A ²	22116			◆				

INVADER 2 QPAR-16

QPAR16/GU10	ENERGY LABEL	STANDARD	ART.-NO		01-25	TECHN. OPTIONS	€		
			DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V	
50 W	A++ - D ²	22177			◆				

INVADER 2 LED

LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO		01-25	TECHN. OPTIONS	€			
					DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V		
2700 K	10.5 / 800	> 90	A++ - A ¹	22117			◆					
3000 K	10.5 / 880	> 90	A++ - A ¹	22118			◆					
4000 K	10.5 / 1140	> 80	A++ - A ¹	22119			◆					
								REFLECTOR	...24	...32	...50	ORDER-EXAMPLE: ◆ 22117- 03 50 white 50°
									24°	32°	50°	

KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES	↓	STANDARD	ART.-NO	01-25	€	
PLATTE eckig 1-fach / PLATE square 1-fold	2-25	22211		◆		Ø 80 mm
PLATTE eckig 2-fach / PLATE square 2-fold	2-25	22212		◆		Ø 2x 80 mm / a = 105 mm
UMRÜSTSATZ IP44 / MODIFICATION KIT IP44		22256				
LED-UMRÜSTSATZ IP44 / LED-MODIFICATION KIT IP44		22257				

INVADER 150 LED

LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO		01-25	TECHN. OPTIONS	€			
					DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V		
2700 K	24 / 2490	> 90	A++ - A ¹	22320			◆					
3000 K	24 / 2650	> 90	A++ - A ¹	22321			◆					
4000 K	24 / 2935	> 90	A++ - A ¹	22322			◆					
								REFLECTOR	...18	...26	...40	ORDER-EXAMPLE: ◆ 22321- 02 40 black 40°
									18°	26°	40°	

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.



INVADER ASYMMETRIC QR-CBC51		PROJECT PICTURE > page 89				12 V	excl.	5-30	30°	100	80	▲	↑
QR-CBC51/GU5.3	W	ENERGY LABEL	STANDARD	ART.-NO	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	€	DALI / 1-10 V			
	50 W	A+ - C ²	22120			◆							
		> T. 375		0.5m									

INVADER ASYMMETRIC CDM-RM		PROJECT PICTURE > page 89					excl.	5-30	30°	120 mm	80	▲	↑
CDM-RM/GU10	W	ENERGY LABEL	STANDARD	ART.-NO	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	€	DALI / 1-10 V			
	20/35 W	A ²	22121			◆							
		> T. 375		0.5m									

INVADER ASYMMETRIC QPAR-16		PROJECT PICTURE > page 89				230 V	excl.	5-30	30°	120	80	▲	↑
QPAR16/GU10	W	ENERGY LABEL	STANDARD	ART.-NO	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	€	DALI / 1-10 V			
	50 W	A++ - D ²	22178			◆							
		0.5m											

INVADER ASYMMETRIC LED		PROJECT PICTURE > page 89				500 mA	LED excl.	5-30	30°	120	80	▲	↑
LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	€	DALI / 1-10 V		
	2700 K	10.5 / 800	> 90	A++ - A ¹	22122		◆						
3000 K	10.5 / 880	> 90	A++ - A ¹	22123		◆							
4000 K	10.5 / 1140	> 80	A++ - A ¹	22124		◆							
		> T. 374											
								REFLECTOR	...24 24°	...32 32°	...50 50°	ORDER-EXAMPLE: ◆ 22122- 03 50 white 50°	

KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES		↓	STANDARD	ART.-NO	01-25	STANDARD	€	
	PLATTE eckig 1-fach / PLATE square 1-fold	2-25	22211		◆			Ø 80 mm
	PLATTE eckig 2-fach / PLATE square 2-fold	2-25	22212		◆			Ø 2x 80 mm / a = 105 mm
	UMRÜSTSATZ IP44 / MODIFICATION KIT IP44		22256					
	LED-UMRÜSTSATZ IP44 / LED-MODIFICATION KIT IP44		22257					

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



INVADER QR-CBC51

12 V

QR-CBC51/GU5.3	W	CRI	ENERGY LABEL	STANDARD	ART.-NO		01-25	01-25	TECHN. OPTIONS	€	
					DALI-DIMM	1-10 V-DIMM				STANDARD	DALI / 1-10 V
50 W			A+ - C ²				◆	▲			
			> T. 375		CE	0.5m					

INVADER CDM-RM

CDM-RM/GX10	W	CRI	ENERGY LABEL	STANDARD	ART.-NO		01-25	01-25	TECHN. OPTIONS	€	
					DALI-DIMM	1-10 V-DIMM				STANDARD	DALI / 1-10 V
20/35 W			A ²				◆	▲			
			> T. 375		CE	0.5m					

INVADER QPAR-16

230 V

QPAR16/GU10	W	CRI	ENERGY LABEL	STANDARD	ART.-NO		01-25	TECHN. OPTIONS	€	
					DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V
50 W			A++ - D ²				◆			
					CE	0.5m				

INVADER LED

500 mA

LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO		01-25	01-25	TECHN. OPTIONS	€	
					DALI-DIMM	1-10 V-DIMM				STANDARD	DALI / 1-10 V
2700 K	10.5 / 800	> 90	A++ - A ¹				◆	▲			
3000 K	10.5 / 880	> 90	A++ - A ¹				◆	▲			
4000 K	10.5 / 1140	> 80	A++ - A ¹				◆	▲			
			> T. 374		CE						

REFLECTOR ...24 ...32 ...50

ORDER-EXAMPLE: 22127-03 03 50

white white 50°

KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES			STANDARD	ART.-NO	01-25	€
	UMRÜSTSATZ IP44 / MODIFICATION KIT IP44			22256		
	LED-UMRÜSTSATZ IP44 / LED-MODIFICATION KIT IP44			22257		

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.



INVADER ON QR-CBC51		PROJECT PICTURE > page 91						12 V		excl. 10-15		55		80		▲		↑	
QR-CBC51/GU5.3			ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	STANDARD	€ DALI / 1-10 V								
50 W			A+ - C ²	22130			◆	▲											
Ⓜ			Ⓜ > T. 375		CE		D+I 0.5m		◆		⊗								

INVADER ON CDM-RM		PROJECT PICTURE > page 91						excl. 10-15		85		80		▲		↑	
CDM-RM/GX10			ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	STANDARD	€ DALI / 1-10 V						
20/35 W			A ²	22131			◆	▲									
Ⓜ			Ⓜ > T. 375		CE		D+I 0.5m		⊗								


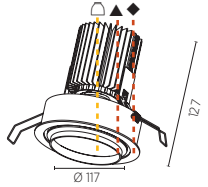
INVADER ON QPAR-16		PROJECT PICTURE > page 91						230 V		10-15		85		80		▲		↑	
QPAR16/GU10			ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	STANDARD	€ DALI / 1-10 V								
50 W			A++ - D ²	22181			◆	▲											
Ⓜ					CE		D+I 0.5m		⊗										


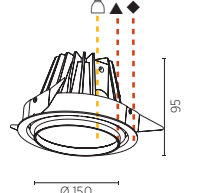
INVADER ON LED		PROJECT PICTURE > page 91						500 mA		LED excl. 10-15		85		80		▲		↑	
LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	STANDARD	€ DALI / 1-10 V								
2700 K	10.5 / 800	> 90	A++ - A ¹	22132			◆	▲	Ⓜ										
3000 K	10.5 / 880	> 90	A++ - A ¹	22133			◆	▲	Ⓜ										
4000 K	10.5 / 1140	> 80	A++ - A ¹	22134			◆	▲	Ⓜ										
Ⓜ			Ⓜ > T. 374		CE		◆		⊗										
										REFLECTOR	...24	...32	...50	ORDER-EXAMPLE: ◆ ▲ Ⓜ 22134- 03 03 50 white white 50°					


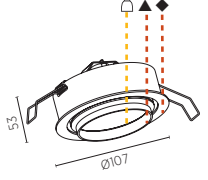
KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES		ART.-NO		€		Ⓜ	
		STANDARD		STANDARD	DALI / 1-10 V		
Ⓜ	UMRÜSTSATZ IP44 / MODIFICATION KIT IP44		22256				
	LED-UMRÜSTSATZ IP44 / LED-MODIFICATION KIT IP44		22257				

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



iQU 120		500 mA										LED excl.		10-15	180°	± 28°	140	110	▲	↑
	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	0f:25	0f:25	TECHN. OPTIONS	STANDARD	€ DALI / 1-10 V								
	3000 K	17 / 2000	> 90	A++ - A ¹	22090			◆	▲	☐										
	4000 K	17 / 2210	> 90	A++ - A ¹	22091			◆	▲	☐										
	FOOD / GOLD	17 / 1800		A++ - A ¹	22220			◆	▲	☐										
	FOOD / GOLD+	17 / 1240		A++ - A ¹	22221			◆	▲	☐										
	FOOD / FM	17 / 1160		A++ - A ¹	22222			◆	▲	☐										
	FOOD / MEAT+	17 / 1130		A++ - A ¹	22223			◆	▲	☐										
	ART	17 / 1650	> 98	A++ - A ¹	22232			◆	▲	☐										
	FASHION	17 / 1520	> 90	A++ - A ¹	22233			◆	▲	☐										
				U > T. 374	CE		◆	▲												
											REFLECTOR	...18	...26	...40	☐	ORDER-EXAMPLE: ◆ ▲ ☐				
												18°	26°	40°		22090- 03 03 40				
																white white 40°				

iQU 150		PROJECT PICTURE > page 90										700 mA		LED excl.		10-15	180°	± 30°	120	142	▲	↑
	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	0f:25	0f:25	TECHN. OPTIONS	STANDARD	€ DALI / 1-10 V										
	3000 K	24 / 2650	> 90	A++ - A ¹	22310			◆	▲	☐												
	4000 K	24 / 2935	> 90	A++ - A ¹	22311			◆	▲	☐												
	FOOD / GOLD	24 / 2490		A++ - A ¹	22312			◆	▲	☐												
	FOOD / GOLD+	24 / 1690		A++ - A ¹	22313			◆	▲	☐												
	FOOD / FM	24 / 1580		A++ - A ¹	22314			◆	▲	☐												
	FOOD / MEAT+	24 / 1540		A++ - A ¹	22315			◆	▲	☐												
	ART	24 / 2240	> 98	A++ - A ¹	22316			◆	▲	☐												
	FASHION	24 / 2060	> 90	A++ - A ¹	22317			◆	▲	☐												
				U > T. 374	CE		◆	▲														
											REFLECTOR	...12	...24	...40	☐	ORDER-EXAMPLE: ◆ ▲ ☐						
												12°	24°	40°		22310 - 03 03 40						
																white white 40°						

iQU QT-LP12		12 V										LED excl.		180°	± 30°	65	100	▲	↑	
	QT-LP12/GY6.35	50 W		ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	0f:25	0f:25	TECHN. OPTIONS	STANDARD	€ DALI / 1-10 V								
					A++ - C ²	22001			◆	▲	☐									
					U > T. 375	CE		◆	▲											
											REFLECTOR	...10	...20	...30	☐	ORDER-EXAMPLE: ◆ ▲ ☐				
												10°	20°	30°		22001- 03 03 20				
																white white 20°				

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.

IQU HIT-TM-CE

HIT-TM-MINI/PGJ5	ENERGY LABEL	STANDARD	ART.-NO		01-25	01-25	TECHN. OPTIONS	€			
			DALI-DIMM	1-10 V-DIMM				STANDARD	DALI / 1-10 V		
20/35 W	A+ ²	22002			◆	▲	□			 T1 Ø107	
> T. 375		CE	0.5m								
								REFLECTOR	...16 ...30 ...52	 16° 30° 52°	ORDER-EXAMPLE: ◆ ▲ □ 22002- 03 03 30

IQU HIT-TC-CE

HIT-TC-CE/G8.5	ENERGY LABEL	STANDARD	ART.-NO		01-25	01-25	TECHN. OPTIONS	€			
			DALI-DIMM	1-10 V-DIMM				STANDARD	DALI / 1-10 V		
20/35 W	A+ - A ²	22092			◆	▲	□			 100 Ø117	
> T. 375		CE	0.5m								
								REFLECTOR	...16 ...30 ...52	 16° 30° 52°	ORDER-EXAMPLE: ◆ ▲ □ 22092- 03 03 10

IQU QR-C

QR-CBCS1/GU5.3	ENERGY LABEL	STANDARD	ART.-NO		01-25	01-25	TECHN. OPTIONS	€			
			DALI-DIMM	1-10 V-DIMM				STANDARD	DALI / 1-10 V		
50 W	A+ - C ²	22004			◆	▲				 T2 Ø107	
> T. 375		CE	0.5m								
								REFLECTOR	...16 ...30 ...52	 16° 30° 52°	ORDER-EXAMPLE: ◆ ▲ □ 22004- 03 03 10

¹ WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.

² WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.

IQU BIG QR-111

QR-111/G53	ENERGY LABEL	STANDARD	ART.-NO		01-25	01-25	TECHN. OPTIONS	€		
			DALI-DIMM	1-10 V-DIMM				STANDARD	DALI / 1-10 V	
max. 100 W	A - C ²	22050			◆	▲				 78 Ø 150
> T. 375										

IQU BIG HIR111-CE

HIR 111-CE/GX8.5	ENERGY LABEL	STANDARD	ART.-NO		01-25	01-25	TECHN. OPTIONS	€		
			DALI-DIMM	1-10 V-DIMM				STANDARD	DALI / 1-10 V	
20/35/70 W	A - B ²	22051			◆	▲				 82 Ø 150
> T. 375										

IQU BIG HIT

HIT/G12	ENERGY LABEL	STANDARD	ART.-NO		01-25	01-25	TECHN. OPTIONS	€		
			DALI-DIMM	1-10 V-DIMM				STANDARD	DALI / 1-10 V	
20/35/50/70 W	A+ - A ²	22052			◆	▲				 124 Ø 150
> T. 375										
							REFLECTOR	...13 ...40 ...50 13° 40° 50°	 white white 40°	ORDER-EXAMPLE: ◆ ● ◐ 22052- 03 03 40

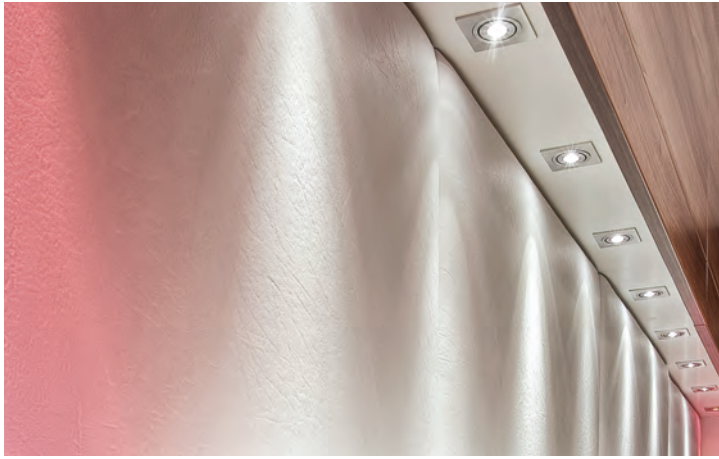
IQU BIG HIT-TC-CE

HIT-TC-CE/G8.5	ENERGY LABEL	STANDARD	ART.-NO		01-25	01-25	TECHN. OPTIONS	€		
			DALI-DIMM	1-10 V-DIMM				STANDARD	DALI / 1-10 V	
20/35/50/70 W	A+ - A ²	22053			◆	▲				 107 Ø 150
> T. 375										
							REFLECTOR	...12 ...24 ...36 12° 24° 36°	 silver silver 36°	ORDER-EXAMPLE: ◆ ▲ ◐ 22053- 01 01 36

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.

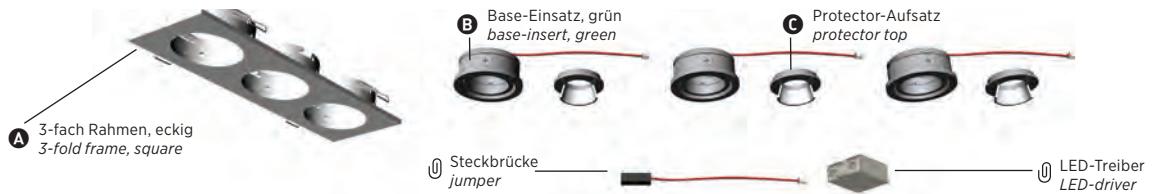


LEDMIX MODULE-SYSTEM

PROJECT PICTURE > page 96

EXAMPLE

- A** 1x 29-013
- B** 3x 29-150G
- C** 3x 29-103
- 1x LDL-AC3
- 1x LSV3AZ



KOMPONENTEN > COMPONENTS





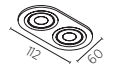

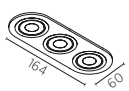

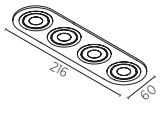

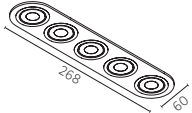








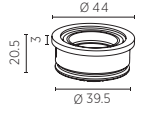








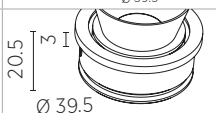

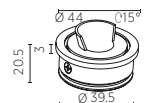
		L MM	 MM	STANDARD	ART.-NO	TECHN. OPTIONS	€ STANDARD 1-10 V / DALI	
	A 1-FACH ECKIG 1-FOLD SQUARE	60	Ø 52		29-011			
	A 2-FACH ECKIG 2-FOLD SQUARE	112	104 x 52		29-012			
	A 3-FACH ECKIG 3-FOLD SQUARE	164	156 x 52		29-013			
	A 4-FACH ECKIG 4-FOLD SQUARE	216	208 x 52		29-014			
	A 4-FACH QUADRA- TISCHE 4-FOLD QUADRATIC	112	104 x 104		29-414			

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.

2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.

T. 126 Please complete the article number for the marked lamp sections (●▲●) with the corresponding codes from the colour table on the inside of back cover. The most popular colour codes are: 00 = aluminium nature; 01 = silver; 02 = black; 03 = white.

		L MM	 MM	ART-NO		TECHN. OPTIONS	€ STANDARD 1-10 V / DALI	
				STANDARD				
	A 1-FACH RUND 1-FOLD ROUND	60	Ø 52	29-001				
	A 2-FACH RUND 2-FOLD ROUND	112	104 x 52	29-002				
	A 3-FACH RUND 3-FOLD ROUND	164	156 x 52	29-003				
	A 4-FACH RUND 4-FOLD ROUND	216	208 x 52	29-004				
	A 5-FACH RUND 5-FOLD ROUND	268	260 x 52	29-005				
				CE				

SPOT 1 BASE				700 mA	 excl.					
	B LED	ENERGY LABEL	W	STANDARD	ART-NO DALI-DIMM 1-10 V-DIMM			€ STANDARD DALI / 1-10 V		
	 Neutral white	A++ - A ¹	2	29-150W						
	 Warmwhite	A++ - A ¹	2	29-150WW						
	 Red	A++ - A ¹	2	29-150R						
	 Green	A++ - A ¹	2	29-150G						
	 Blue	A++ - A ¹	2	29-150B						
	 Amber	A++ - A ¹	2	29-150A						
	 > T. 374				CE					
MUSS-ZUBEHÖR / MUST-HAVE ACCESSORIES				STANDARD	ART-NO DALI-DIMM 1-10 V-DIMM		TECHN. OPTIONS	€ STANDARD 1-10 V / DALI		
	C STANDARD		15°	29-101						
	C SCOUT		15°	29-102						
	C PROTECTOR		15°	29-103						

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

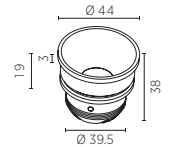
Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.

SPOT 2 SECRET

700 mA



LED	ENERGY LABEL	W	STANDARD	ART.-NO		STANDARD	€
				DALI-DIMM	1-10 V-DIMM		
Neutral white	A++ - A ¹	2	29-250W				
Warmwhite	A++ - A ¹	2	29-250WW				
Red	A++ - A ¹	2	29-250R				
Green	A++ - A ¹	2	29-250G				
Blue	A++ - A ¹	2	29-250B				
Amber	A++ - A ¹	2	29-250A				
> T. 374			CE				

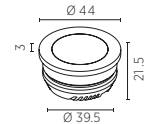


SPOT 3 DIFFUSOR

700 mA



LED	ENERGY LABEL	W	STANDARD	ART.-NO		STANDARD	€
				DALI-DIMM	1-10 V-DIMM		
Neutral white	A++ - A ¹	2	29-350W				
Warmwhite	A++ - A ¹	2	29-350WW				
Red	A++ - A ¹	2	29-350R				
Green	A++ - A ¹	2	29-350G				
Blue	A++ - A ¹	2	29-350B				
Amber	A++ - A ¹	2	29-350A				
> T. 374			CE				



¹ WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
² WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



CAVE			12 V	excl.	± 30°	95	77 x 77		
QR-C/GU5.3	ENERGY LABEL	STANDARD	ART.-NO			€	DALI / 1-10 V		
			DALI-DIMM	1-10 V-DIMM					
50 W	SILVER	A+ - C ²	78-0450101						
50 W	WHITE	A+ - C ²	78-0450101W						
50 W	CHROME	A+ - C ²	78-0450101C						
			CE						
KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES			MM	ART.-NO			€	DALI / 1-10 V	
				STANDARD	DALI-DIMM	1-10 V-DIMM			
			280 x 180	78-0450114					
EINBAUBOX für Betondecken und -wände HOUSING <i>for concrete ceilings and -walls</i>									

CAVE GLASS			12 V	excl.	130	77 x 77		
QR-C/GU5.3	ENERGY LABEL	STANDARD	ART.-NO			€	DALI / 1-10 V	
			DALI-DIMM	1-10 V-DIMM				
50 W	SILVER	A+ - C ²	78-045011					
50 W	WHITE	A+ - C ²	78-045012					
			CE	IP44				
KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES			MM	ART.-NO			€	DALI / 1-10 V
				STANDARD	DALI-DIMM	1-10 V-DIMM		
			280 x 180	78-0450114				
EINBAUBOX für Betondecken und -wände HOUSING <i>for concrete ceilings and -walls</i>								


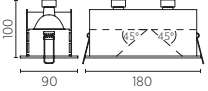






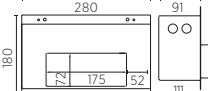
CAVE ASYMMETRIC			12 V	excl.	45°	100	172 x 75		
QR-C/GU5.3	ENERGY LABEL	STANDARD	ART.-NO			€	DALI / 1-10 V		
			DALI-DIMM	1-10 V-DIMM					
50 W	SILVER	A+ - C ²	78-0450103						
			CE						
KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES			MM	ART.-NO			€	DALI / 1-10 V	
				STANDARD	DALI-DIMM	1-10 V-DIMM			
			280 x 180	78-0450115					
EINBAUBOX für Betondecken und -wände HOUSING <i>for concrete ceilings and -walls</i>									

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.


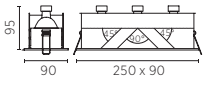





2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.

CAVE DOUBLE

		12 V	excl.	45°	100	172 x 75		
QR-C/GU5.3	ENERGY LABEL	ART.-NO		1-10 V-DIMM	€	STANDARD		
		STANDARD	DALI-DIMM			STANDARD	DALI / 1-10 V	
	2x 50 W	SILVER	A+ - C ²	78-0450102	■			
	2x 50 W	WHITE	A+ - C ²	78-0450102W	□			
		 > T. 375		   				
KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES		MM	ART.-NO		€		STANDARD DALI / 1-10 V	
	EINBAUBOX für Betondecken und -wände <i>HOUSING for concrete ceilings and -walls</i>	280 x 180	78-0450115					

CAVE TRIPLE

		12 V	excl.	45°	95	235 x 75		
QR-C/GU5.3	ENERGY LABEL	ART.-NO		1-10 V-DIMM	€	STANDARD		
		STANDARD	DALI-DIMM			STANDARD	DALI / 1-10 V	
	3x 50 W	SILVER	A+ - C ²	78-0450106	■			
		 > T. 375		   				

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.


2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



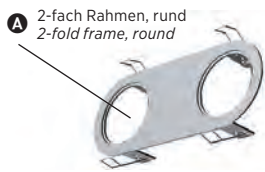
MATRIX SMALL MODULE- SYSTEM

PROJECT PICTURE > page 99

EXAMPLE

- A** 1x 28-2800012
- B** 2x 28-0550102
- C** 2x QR-C51 - 50 W
-  1x 14-22083688

A 2-fach Rahmen, rund
2-fold frame, round




B Spot-1, silber
Spot-1, silver



C Leuchtmittel
illuminant










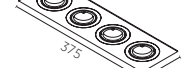




 Transformator 105 VA
transformer 105 VA



KOMPONENTEN > COMPONENTS




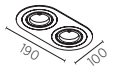

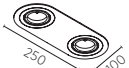

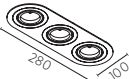









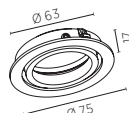
		L MM	 MM	STANDARD	ART-NO		TECHN. OPTIONS	€ STANDARD 1-10 V / DALI	
	A 1-FACH ECKIG 1-FOLD SQUARE	110	Ø 90	28-2800011 28-2800011W		<input type="checkbox"/>			
	A 2-FACH ECKIG 2-FOLD SQUARE	200	180 x 90	28-2800012 28-2800012W		<input type="checkbox"/>			
	A 3-FACH ECKIG 3-FOLD SQUARE	290	265 x 90	28-2800013 28-2800013W		<input type="checkbox"/>			
	A 4-FACH ECKIG 4-FOLD SQUARE	375	355 x 90	28-2800014 28-2800014W		<input type="checkbox"/>			
	A 4-FACH QUADRATISCH 4-FOLD QUADRATIC	200	180 x 180	28-2800015 28-2800015W		<input type="checkbox"/>			







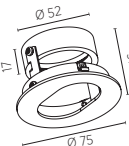
1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.







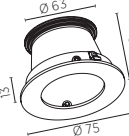
2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.

		L MM	MM	ART-NO STANDARD	TECHN. OPTIONS	STANDARD € 1-10 V / DALI	
	A 1-FACH RUND 1-FOLD ROUND	110	Ø 90	28-2800016 28-2800016W	■ □		
	A 2-FACH RUND 2-FOLD ROUND	190	180 x 90	28-2810012 28-2810012W	■ □		
	A 2-FACH RUND, LANG 2-FOLD ROUND, LONG	250	240 x 90	28-2811012 28-2811012W	■ □		
	A 3-FACH RUND 3-FOLD ROUND	280	270 x 90	28-2810013 28-2810013W	■ □		
				CE			

SPOT 1				12 V	excl.	360°	± 30°	± 65		
	B	QR-CBC51/GUS.3	ENERGY LABEL	STANDARD	ART-NO DALI-DIMM	1-10 V-DIMM	■	□	■	
	RUND ROUND	SILVER	50 W	A+ - C ²	28-0550102		■	□		
		WHITE	50 W	A+ - C ²	28-0550102W		□			
		BLACK	50 W	A+ - C ²	28-0550102B		■			
U > T. 375				CE						
										

SPOT 2				12 V	excl.	360°	± 30°	± 95		
	B	QR-CBC51/GUS.3	ENERGY LABEL	STANDARD	ART-NO DALI-DIMM	1-10 V-DIMM	■	□	■	
	OVAL	SILVER	50 W	A+ - C ²	28-0550101		■	□		
		WHITE	50 W	A+ - C ²	28-0550101W		□			
U > T. 375				CE						
										

SPOT 3				12 V	excl.	95				
	B	QR-CBC51/GUS.3	ENERGY LABEL	STANDARD	ART-NO DALI-DIMM	1-10 V-DIMM	■	□	■	
	ZURÜCK- VER- SETZT RELE- GATED	SILVER	50 W	A+ - C ²	28-0550113		■	□		
		WHITE	50 W	A+ - C ²	28-0550113W		□			
U > T. 375				CE						
										

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.

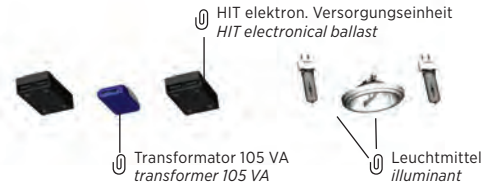
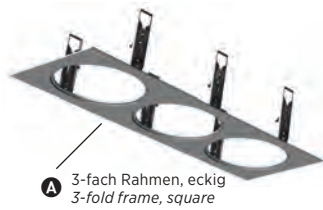


MATRIX BIG MODULE-SYSTEM

PROJECT PICTURE > page 98

EXAMPLE

- A** 1x 28-2800003
- B** 2x 28-0570301B-03
- 1x 28-0550103B
- 2x 28-PC1170
- 1x 14-22083688
- 2x HIT - 70 W
- 1x QR-111 - 75 W



KOMPONENTEN > COMPONENTS


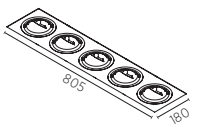







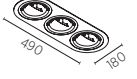


		L MM	 MM	STANDARD	ART.-NO		TECHN. OPTIONS	€ STANDARD 1-10 V / DALI	
	A 1-FACH ECKIG 1-FOLD SQUARE	180	Ø 165		28-2800001 28-2800001W 28-2800001B	■ □ ■			
	A 2-FACH ECKIG 2-FOLD SQUARE	335	320 x 165		28-2800002 28-2800002W 28-2800002B	■ □ ■			
	A 3-FACH ECKIG 3-FOLD SQUARE	490	475 x 165		28-2800003 28-2800003W 28-2800003B	■ □ ■			
	A 4-FACH ECKIG 4-FOLD SQUARE	645	630 x 165		28-2800004	■			
	A 4-FACH QUADRATISCH 4-FOLD QUADRATIC	335	320 x 320		28-2800044	■			


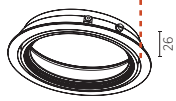
1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebaute LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.


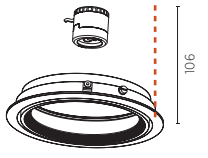
Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.

	A	L	MM	STANDARD	ART.-NO	K	TECHN. OPTIONS	€	STANDARD	1-10 V / DALI	
		MM	MM		STANDARD			STANDARD			
		805	790 x 165	28-2800005		■					
		180	Ø 165	28-2800006 28-2800006W 28-2800006B		■ □ ■					
		335	320 x 165	28-2810002 28-2810002W		■ □					
		400	385 x 165	28-2811002 28-2811002W		■ □					
		490	475 x 165	28-2810003 28-2810003		■ □					
				CE		⊗					


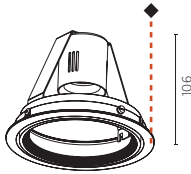
SPOT 1


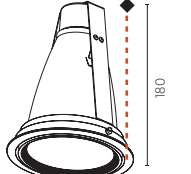
	B	QR-111/G53	D	ENERGY LABEL	ART.-NO			K	TECHN. OPTIONS	€	STANDARD	DALI / 1-10 V	
			MM		STANDARD	DALF-DIMM	1-10 V-DIMM			STANDARD			
	QR-111		141	A - C ²	28-0550103			■					
			141	A - C ²	28-0550103W			□					
			141	A - C ²	28-0550103B			■					
			U > T. 375		CE	D+	0.5m	⊗					


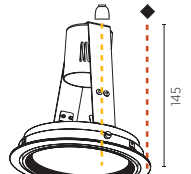
SPOT 2

	B	HIR 111-CE/GX8.5	D	ENERGY LABEL	ART.-NO			K	TECHN. OPTIONS	€	STANDARD	DALI / 1-10 V	
			MM		STANDARD	DALF-DIMM	1-10 V-DIMM			STANDARD			
	HIR111-CE		141	A - B ²	28-0560301			■					
			141	A - B ²	28-0560301W			□					
			141	A - B ²	28-0560301B			■					
			U > T. 375		CE	D+	0.5m	⊗					

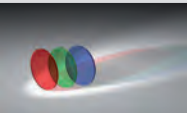

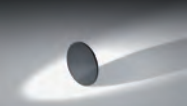

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.

SPOT 3		230 V		360°		± 40°		130		↑	
	B	QPAR30/E27	D MM	ENERGY LABEL	ART.-NO	1-10 V-DIMM	TECHN. OPTIONS	€			
		STANDARD	DALI-DIMM	STANDARD	DALI / 1-10 V						
		Q-PAR30	75 W	141	A++ - E ²			28-0510201	■		
		75 W	141	A++ - E ²	28-0510201W	□					
		75 W	141	A++ - E ²	28-0510201B	■					
					CE	0.5m	⊗				

SPOT 4		230 V		incl.		360°		± 40°		200		↑	
	B	TC-DEL/G24q2	D MM	ENERGY LABEL	ART.-NO	1-10 V-DIMM	TECHN. OPTIONS	€					
		STANDARD	DALI-DIMM	STANDARD	DALI / 1-10 V								
		TC-DEL	18 W	141	A - B ²			28-0526402	...DD		...D1	■	
		18 W	141	A - B ²	28-0526402W	...DD	...D1	□					
		18 W	141	A - B ²	28-0526402B	...DD	...D1	■					
					CE		⊗						

SPOT 5		incl.		360°		± 40°		150		↑	
	B	HIT/G12	D MM	ENERGY LABEL	ART.-NO	1-10 V-DIMM	TECHN. OPTIONS	€			
		STANDARD	DALI-DIMM	STANDARD	DALI / 1-10 V						
		HIT	35/70 W	141	A+ - A ²			28-0570301	■		
		35/70 W	141	A+ - A ²	28-0570301W	□					
		35/70 W	141	A+ - A ²	28-0570301B	■					
					CE	0.5m	⊗				

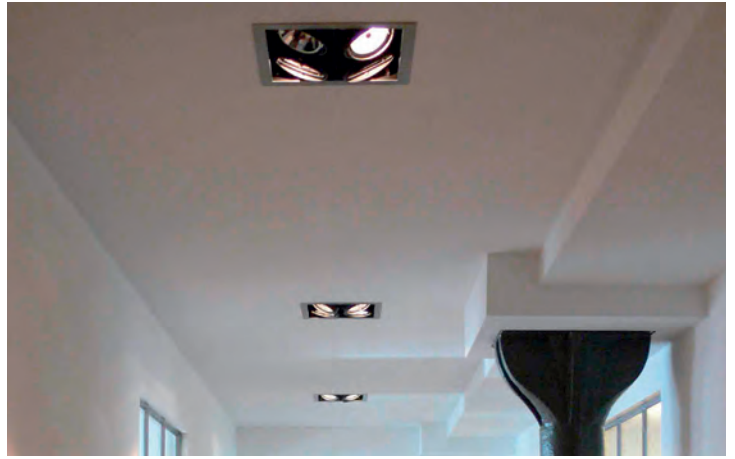
							REFLECTOR	...13	...40	...50	ORDER-EXAMPLE: <input type="checkbox"/> <input type="checkbox"/>
								13°	40°	50°	28-0570301 W- 50
											black
											50°

KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES		D MM	ART.-NO	1-10 V-DIMM	TECHN. OPTIONS	€	
			STANDARD			DALI-DIMM	STANDARD
	COLOUR FILTER	110	28-281	■			
			28-282	■			
			28-283	■			
	UV-FILTER	110	28-287				

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.



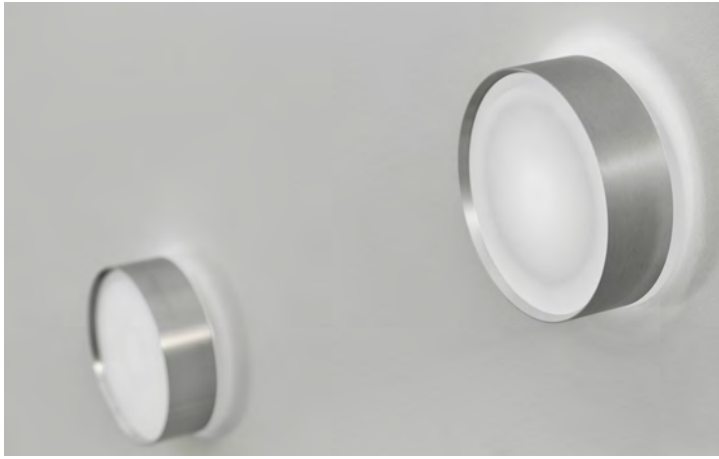
KARDANIC IN 1		PROJECT PICTURE > page 92				12 V		excl. 40°		115 170 x 170		▲ ↑	
QR-111/G53	ENERGY LABEL	STANDARD	ART.-NO	DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	DALI / 1-10 V				
75 W	A - C ²	79-067511				◆							
		> T. 375											

KARDANIC IN 2		PROJECT PICTURE > page 103				12 V		excl. 40°		115 320 x 170		▲ ↑	
QR-111/G53	ENERGY LABEL	STANDARD	ART.-NO	DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	DALI / 1-10 V				
2x 75 W	A - C ²	79-067512				◆							
		> T. 375											

KARDANIC IN 3		PROJECT PICTURE > page 103				12 V		excl. 40°		115 475 x 170		▲ ↑	
QR-111/G53	ENERGY LABEL	STANDARD	ART.-NO	DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	DALI / 1-10 V				
3x 75 W	A - C ²	79-067513				◆							
		> T. 375											

KARDANIC IN 4		PROJECT PICTURE > page 103				12 V		excl. 40°		115 320 x 320		▲ ↑	
QR-111/G53	ENERGY LABEL	STANDARD	ART.-NO	DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	DALI / 1-10 V				
4x 75 W	A - C ²	79-067514				◆							
		> T. 375											

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.

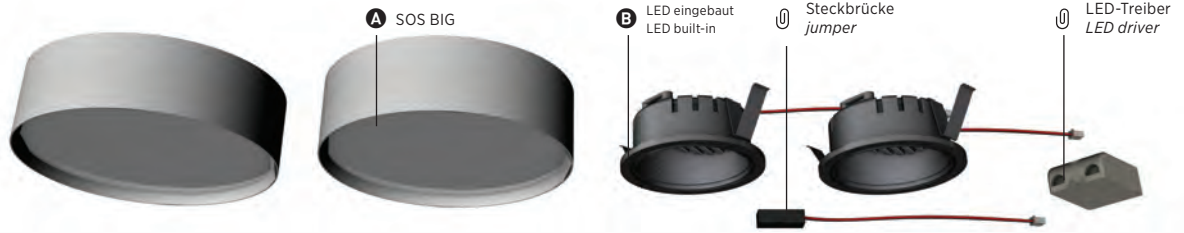


U44 SYSTEM

PROJECT PICTURE > page 101

EXAMPLE 3325 mm

- A** 2x 78-445
- B** 2x 78-44A
- 1x 14-22083688
- 1x LFVC 3AZ



KOMPONENTEN > COMPONENTS




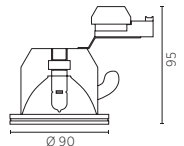
		D MM	ART.-NO	TECHN. OPTIONS	€ STANDARD 1-10 V / DALI	
	A SONAR SONAR	90	78-441			
	A SMUTJE SMUTJE	90	78-442			
	A KALEU KALEU	90	78-443			
	A SOS + AURA SOS + AURA	100	78-444			
	A SOS BIG + AURA SOS BIG + AURA	150	78-445			
			CE			

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.


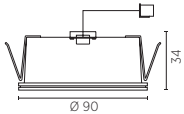
2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.


Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.


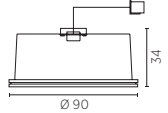
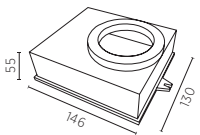
SPOT 1		12 V		excl.		10-20		95		75			
B	QT-LP12/GY6.35	W	ENERGY LABEL	ART.-NO			TECHN. OPTIONS	€					
				STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V				
		50 W	A++ - C ²	78-44635									
U > T. 375				CE	IP44								

SPOT 2		700 mA		excl.		10-20		35		75			
B LED	W	ENERGY LABEL	ART.-NO			TECHN. OPTIONS	€						
			STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V					
☼ Neutral White	2	A++ - A ¹	78-44W										
☼ Warm White	2	A++ - A ¹	78-44WW										
☼ Red	2	A++ - A ¹	78-44R										
☼ Green	2	A++ - A ¹	78-44G										
☼ Blue	2	A++ - A ¹	78-44B										
☼ Amber	2	A++ - A ¹	78-44A										
U > T. 374				CE	IP44								

SPOT 3		700 mA		excl.		35		75					
B LED	W	ENERGY LABEL	ART.-NO			TECHN. OPTIONS	€						
			STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V					
☼ Neutral White	2	A++ - A ¹	78-45W										
☼ Warm White	2	A++ - A ¹	78-45WW										
☼ Red	2	A++ - A ¹	78-45R										
☼ Green	2	A++ - A ¹	78-45G										
☼ Blue	2	A++ - A ¹	78-45B										
☼ Amber	2	A++ - A ¹	78-45A										
U > T. 374				CE	IP65								
KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES			ART.-NO			TECHN. OPTIONS	€						
			STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V					
U		EINBAUBOX IP65 für Betonwände HOUSING BOX IP65 for concrete walls	78-440										

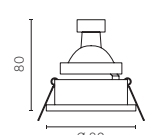




1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.

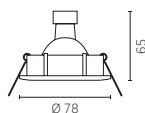
2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



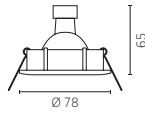
DOLPHIN		12 V		excl.		± 130		68		▲		↑	
QR-CBCS1/GU5.3	ENERGY LABEL	STANDARD	ART.-NO			TECHN. OPTIONS	€		▲	↑			
			DALI-DIMM	1-10 V-DIMM	STANDARD		DALI / 1-10 V						
35 W	SILVER	A+ - C ²	81-0550101										
35 W	WHITE	A+ - C ²	81-0550102										
		U > T. 375		CE		D+I 0.5m		IP44					



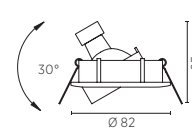
COYOTE		230 V		± 125		68		▲		↑	
QPAR16/GZ10	ENERGY LABEL	STANDARD	ART.-NO			TECHN. OPTIONS	€		▲	↑	
			DALI-DIMM	1-10 V-DIMM	STANDARD		DALI / 1-10 V				
50 W	SILVER	A++ - D ²	04-1003M								
50 W	CHROME	A++ - D ²	04-1003C								
50 W	GOLD	A++ - D ²	04-1003G								
50 W	WHITE	A++ - D ²	04-1003W								
		CE		D+I 0.5m							



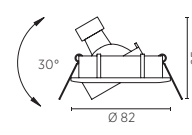
COYOTE 12 V		12 V		excl.		± 65		68		▲		↑	
QR-CBCS1/GU5.3	ENERGY LABEL	STANDARD	ART.-NO			TECHN. OPTIONS	€		▲	↑			
			DALI-DIMM	1-10 V-DIMM	STANDARD		DALI / 1-10 V						
50 W	SILVER	A+ - C ²	04-1002M										
50 W	CHROME	A+ - C ²	04-1002C										
50 W	GOLD	A+ - C ²	04-1002G										
50 W	WHITE	A+ - C ²	04-1002W										
		U > T. 375		CE		D+I 0.5m							



COYOTE ◡		PROJECT PICTURE > page 86		230 V		± 30°		± 125		74		▲		↑	
QPAR16/GZ10	ENERGY LABEL	STANDARD	ART.-NO			TECHN. OPTIONS	€		▲	↑					
			DALI-DIMM	1-10 V-DIMM	STANDARD		DALI / 1-10 V								
50 W	SILVER	A++ - D ²	04-1013M												
50 W	CHROME	A++ - D ²	04-1013C												
50 W	GOLD	A++ - D ²	04-1013G												
50 W	WHITE	A++ - D ²	04-1013W												
		CE		D+I 0.5m											



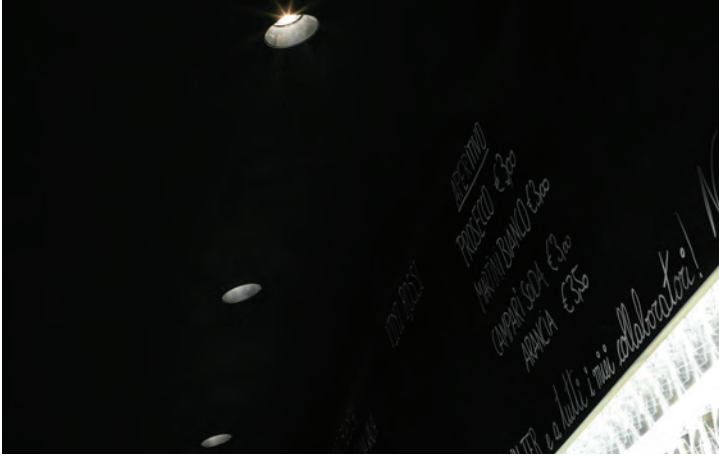
COYOTE ◡ 12 V		PROJECT PICTURE > page 86		12 V		± 30°		± 65		74		▲		↑	
QR-CBCS1/GU5.3	ENERGY LABEL	STANDARD	ART.-NO			TECHN. OPTIONS	€		▲	↑					
			DALI-DIMM	1-10 V-DIMM	STANDARD		DALI / 1-10 V								
50 W	SILVER	A+ - C ²	04-1012M												
50 W	CHROME	A+ - C ²	04-1012C												
50 W	GOLD	A+ - C ²	04-1012G												
50 W	WHITE	A+ - C ²	04-1012W												
		U > T. 375		CE		D+I 0.5m									



1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.



KOOKI SMALL

PROJECT PICTURE > page 95, 97

12 V

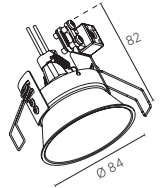


85

80



QR-CBCS1/GUS.3	ENERGY LABEL	STANDARD	ART.-NO		TECHN. OPTIONS	€	
			DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
50 W	SILVER	A+ - C ²	28-053				
50 W	WHITE	A+ - C ²	28-053W				
50 W	BLACK	A+ - C ²	28-053B				



1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



INVADER ON

BUERO AALST, BELGIUM

TECHNIC

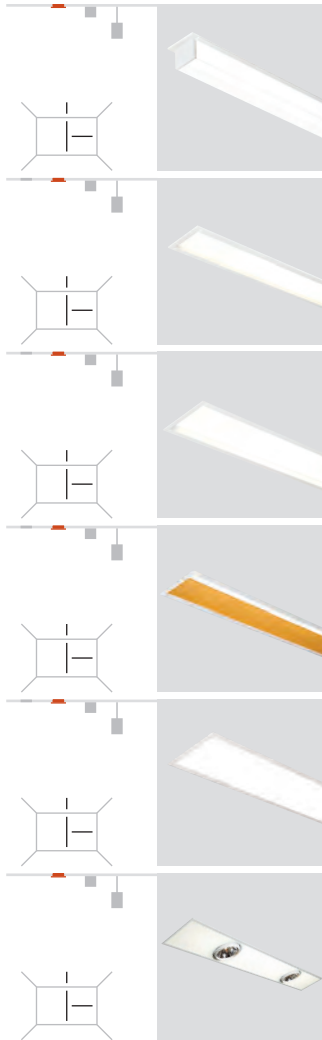
2.3

EINBAU RECESSED

PROFILLEUCHTEN
PROFILE LIGHTS

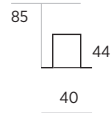
2.3

EINBAU / RECESSED PROFILLEUCHTEN / PROFILE LIGHTS



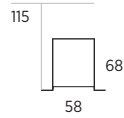
X-SMALL

T. 144



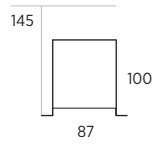
UTAH

T. 145



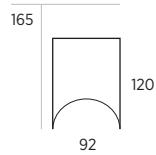
IDAHO

T. 146



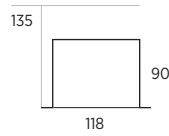
GROOVE

T. 147



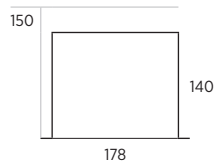
IDAHO 100

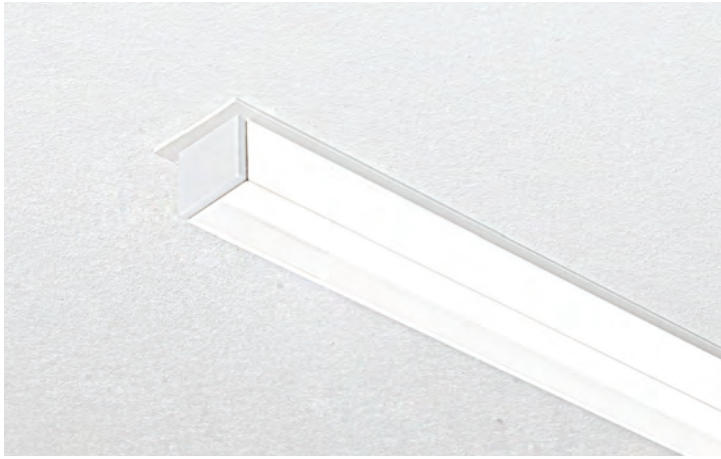
T. 148



MAXLINE

T. 149





X-SMALL

230 V



L MM	SLS/GS	MM	ENERGY LABEL	ART.-NO			01-25	TECHN. OPTIONS	€		
				STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V	
596	24 W	590 x 34	A+ - B ²	23670	23672	23671	◆				
896	39 W	890 x 34	A+ - B ²	23680	23682	23681	◆				
1196	54 W	1190 x 34	A+ - B ²	23690	23692	23691	◆				
1780	2x 39 W	1774 x 34	A+ - B ²	23700	23702	23701	◆				
2380	2x 54 W	2374 x 34	A+ - B ²	23710	23712	23711	◆				
				CE							

X-SMALL DIFFUSOR

230 V



L MM	SLS/GS	MM	ENERGY LABEL	ART.-NO			01-25	TECHN. OPTIONS	€		
				STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V	
596	24 W	590 x 34	A+ - B ²	23720	23722	23721	◆	Ⓚ			
896	39 W	890 x 34	A+ - B ²	23730	23732	23731	◆	Ⓚ			
1196	54 W	1190 x 34	A+ - B ²	23740	23742	23741	◆	Ⓚ			
1780	2x 39 W	1774 x 34	A+ - B ²	23750	23752	23751	◆	Ⓚ			
2380	2x 54 W	2374 x 34	A+ - B ²	23760	23762	23761	◆	Ⓚ			
				CE							

Ⓚ ...01 ...02

opac clear

DIFFUSOR

ORDER-EXAMPLE: ◆ Ⓚ
23730- 03 02
white clear

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



UTAH DIFFUSOR

PROJECT PICTURE > page 108-109

230 V



L MM	T16/G5	MM	ENERGY LABEL	ART.-NO			00-25	TECHN. OPTIONS	€		
				STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V	
600	14 W	592 x 50	A+ - B ²	230-1010	230-1012	230-1011	◆				
900	21 W	892 x 50	A+ - B ²	230-1020	230-1022	230-1021	◆				
1200	28 W	1192 x 50	A+ - B ²	230-1030	230-1032	230-1031	◆				
1500	35 W	1492 x 50	A+ - B ²	230-1040	230-1042	230-1041	◆				
2255	2x 28 W	2247 x 50	A+ - B ²	230-1050	230-1052	230-1051	◆				
2855	2x 35 W	2847 x 50	A+ - B ²	230-1060	230-1062	230-1061	◆				
> T. 377				CE							

UTAH DARKLIGHT

230 V



L MM	T16/G5	MM	ENERGY LABEL	ART.-NO			00-25	TECHN. OPTIONS	€		
				STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V	
1360	21 W	1352 x 50	A+ - B ²	11121393	...DD	...D1	◆				
1660	28 W	1652 x 50	A+ - B ²	11128543	...DD	...D1	◆				
1960	35 W	1952 x 50	A+ - B ²	11135493	...DD	...D1	◆				
2870	2x 28 W	2862 x 50	A+ - B ²	112128543	...DD	...D1	◆				
3470	2x 35 W	3462 x 50	A+ - B ²	112135493	...DD	...D1	◆				
				CE							

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

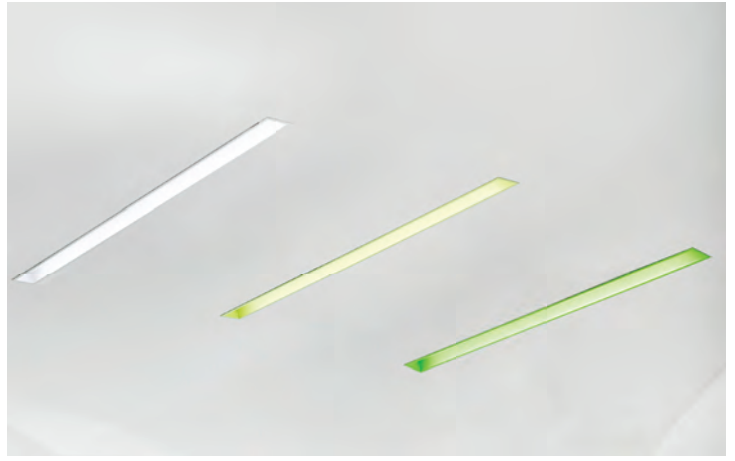
Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.



IDAHO		PROJECT PICTURE > page 105-107							230 V		incl.	145		
L MM	T16/G5	MM	ENERGY LABEL	ART.-NO			00-25	TECHN. OPTIONS	€		 			
				STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V				
592	14/24 W	584 x 80	A+ - B ²	230-1070	230-1072	230-1071	◆	D						
892	21/39 W	884 x 80	A+ - B ²	230-1080	230-1082	230-1081	◆	D						
1192	28/54 W	1184 x 80	A+ - B ²	230-1090	230-1092	230-1091	◆	D						
1492	35/49 W	1484 x 80	A+ - B ²	230-1100	230-1102	230-1101	◆	D						
2270	2x 28/54 W	2262 x 80	A+ - B ²	230-1110	230-1112	230-1111	◆	D						
2870	2x 35/49 W	2862 x 80	A+ - B ²	230-1120	230-1122	230-1121	◆	D						
> T. 377				CE										
...01 ...02 DIFFUSOR										ORDER-EXAMPLE: ◆ ● 230-1090-03 01 white opal				

IDAHO DARKLIGHT									230 V		incl.	145		
L MM	T16/G5	MM	ENERGY LABEL	ART.-NO			00-25	TECHN. OPTIONS	€		 			
				STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V				
892	21/39 W	884 x 80	A+ - B ²	21121393	...DD	...D1	◆							
1192	28/54 W	1184 x 80	A+ - B ²	21128543	...DD	...D1	◆							
1492	35/49 W	1484 x 80	A+ - B ²	21135493	...DD	...D1	◆							
2368	2x 28/54 W	2360 x 80	A+ - B ²	212128543	...DD	...D1	◆							
2968	2x 35/49 W	2960 x 80	A+ - B ²	212135803	...DD	...D1	◆							
				CE										

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



GROOVE		PROJECT PICTURE > page 104										230 V		incl. 160		▲ ↗	
L MM	T16/G5	MM	ENERGY LABEL	ART.-NO			00-25	00-25	TECHN. OPTIONS	€		▲ ↗					
				STANDARD	DALI-DIMM	1-10 V-DIMM				STANDARD	DALI / 1-10 V						
605	14/24 W	595 x 85	A+ - B ²	23450	23452	23451	◆	▲									
905	21/39 W	895 x 85	A+ - B ²	23460	23462	23461	◆	▲									
1205	28/54 W	1195 x 85	A+ - B ²	23470	23472	23471	◆	▲									
1505	35/49 W	1495 x 85	A+ - B ²	23480	23482	23481	◆	▲									
2280	2x 28/54 W	2270 x 85	A+ - B ²	23490	23492	23491	◆	▲									
2880	2x 35/49 W	2870 x 85	A+ - B ²	23500	23502	23501	◆	▲									
> T. 377				CE													

GROOVE SLS		PROJECT PICTURE > page 104										230 V		incl. 160		▲ ↗	
L MM	SLS/G5	MM	ENERGY LABEL	ART.-NO			00-25	00-25	TECHN. OPTIONS	€		▲ ↗					
				STANDARD	DALI-DIMM	1-10 V-DIMM				STANDARD	DALI / 1-10 V						
605	24 W	595 x 85	A+ - B ²	23570	23572	23571	◆	▲									
905	39 W	895 x 85	A+ - B ²	23580	23582	23581	◆	▲									
1205	54 W	1195 x 85	A+ - B ²	23590	23592	23591	◆	▲									
1790	2x 39 W	1780 x 85	A+ - B ²	23600	23602	23601	◆	▲									
2390	2x 54 W	2380 x 85	A+ - B ²	23610	23612	23611	◆	▲									
				CE													

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.

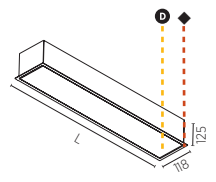


IDAHO 100

230 V



L MM	T16/G5	MM	ENERGY LABEL	ART.-NO			00-25	TECHN. OPTIONS	€		
				STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V	
600	14/24 W	590 x 107	A+ - B ²	23100	23102	23101	◆	Ⓚ			
900	39/21 W	890 x 107	A+ - B ²	23130	23132	23131	◆	Ⓚ			
900	2x 21 W	890 x 107	A+ - B ²	23140	23142	23141	◆	Ⓚ			
900	2x 39 W	890 x 107	A+ - B ²	23150	23152	23151	◆	Ⓚ			
1200	28/54 W	1190 x 107	A+ - B ²	23160	23162	23161	◆	Ⓚ			
1200	2x 28 W	1190 x 107	A+ - B ²	23170	23172	23171	◆	Ⓚ			
1200	2x 54 W	1190 x 107	A+ - B ²	23180	23182	23181	◆	Ⓚ			
1500	35/49 W	1490 x 107	A+ - B ²	23190	23192	23191	◆	Ⓚ			
1500	2x 35 W	1490 x 107	A+ - B ²	23200	23202	23201	◆	Ⓚ			
1500	2x 49 W	1490 x 107	A+ - B ²	23210	23212	23211	◆	Ⓚ			
2280	2x 28/54 W	2270 x 107	A+ - B ²	23220	23222	23221	◆	Ⓚ			
2480	4x 28 W	2470 x 107	A+ - B ²	23230	23232	23231	◆	Ⓚ			
2480	4x 54 W	2470 x 107	A+ - B ²	23240	23242	23241	◆	Ⓚ			
2880	2x 35/49 W	2870 x 107	A+ - B ²	23250	23252	23251	◆	Ⓚ			
3080	4x 35 W	3070 x 107	A+ - B ²	23260	23262	23261	◆	Ⓚ			
3080	4x 49 W	3070 x 107	A+ - B ²	23270	23272	23271	◆	Ⓚ			
> T. 377											
								...01 ...02 opal micro-prism		ORDER-EXAMPLE: ◆ Ⓚ 23100- 03 01 white opal	



1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



MAXLINE DIFFUSOR										230 V	incl.	150	163 x (L -12)		
L MM			ENERGY LABEL	ART.-NO				TECHN. OPTIONS	€						
				STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V					
600	2x 14/24 W	588 x 163	A+ - B ²	23850	23852	23851	◆								
900	2x 21/39 W	888 x 163	A+ - B ²	23860	23862	23861	◆								
1200	2x 28/54 W	1188 x 163	A+ - B ²	23870	23872	23871	◆								
1500	2x 35/49 W	1488 x 163	A+ - B ²	23880	23882	23881	◆								
> T. 377				CE											

MAXLINE SPOT										230 V	incl.	360°	±40°	150	163 x (L -12)		
L MM				ENERGY LABEL	ART.-NO					TECHN. OPTIONS	€						
					STANDARD	DALI-DIMM	1-10 V-DIMM				STANDARD	DALI / 1-10 V					
1200	2x 28/54 W	2x 50 W		A+ - C ²	23890	23892	◆	●									
1200	2x 28/54 W		2x 35 W	A+ - B ²	23900		◆	●									
1500	2x 35/49 W	2x 50 W		A+ - C ²	23910	23912	◆	●									
1500	2x 35/49 W		2x 35 W	A+ - B ²	23920		◆	●									
> T. 377				CE													

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.

TECHNIC

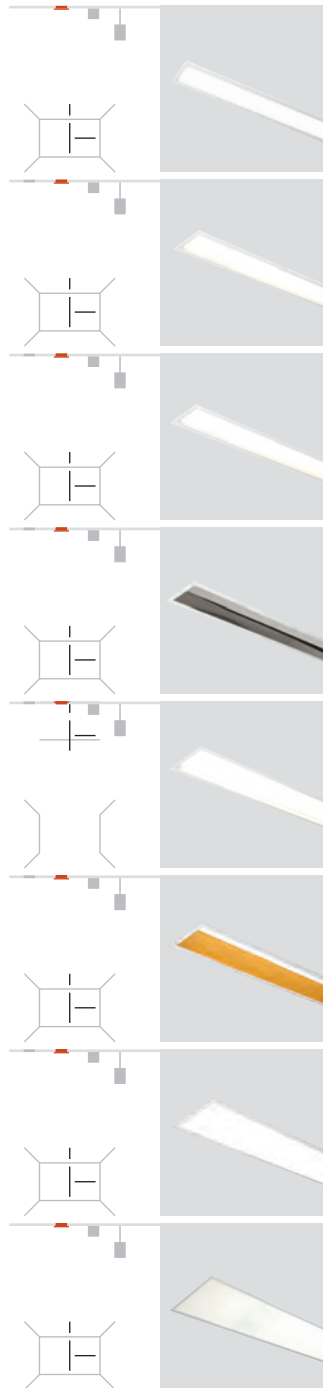
2.4

**EINBAU /
RECESSED**

PROFILSYSTEME /
PROFILE SYSTEMS

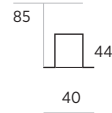
2.4

EINBAU / RECESSED PROFILSYSTEME / PROFILE SYSTEMS



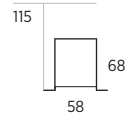
X-SMALL LED

T. 152



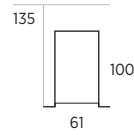
UTAH

T. 154



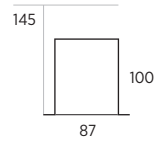
UTAH VISION

T. 157



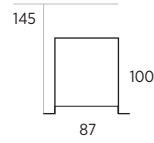
FLUSH

T. 160



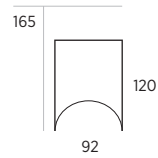
IDAHO

T. 162



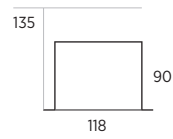
GROOVE

T. 166



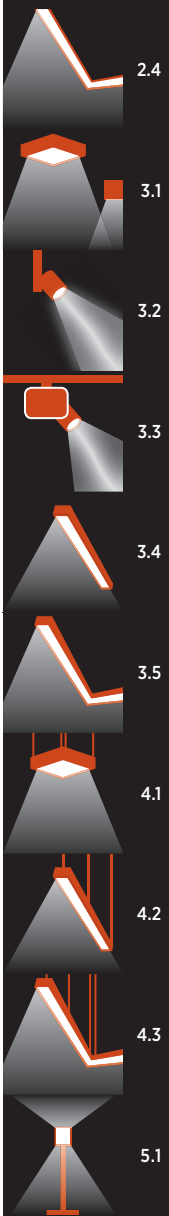
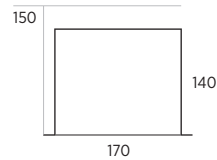
IDAHO 100

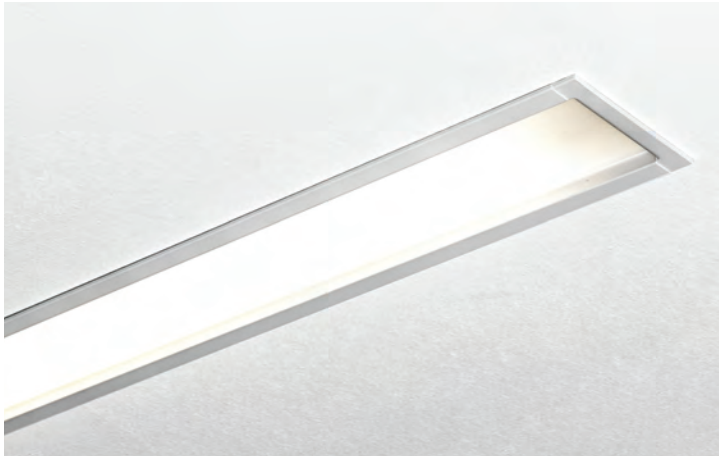
T. 169



MAXLINE

T. 172

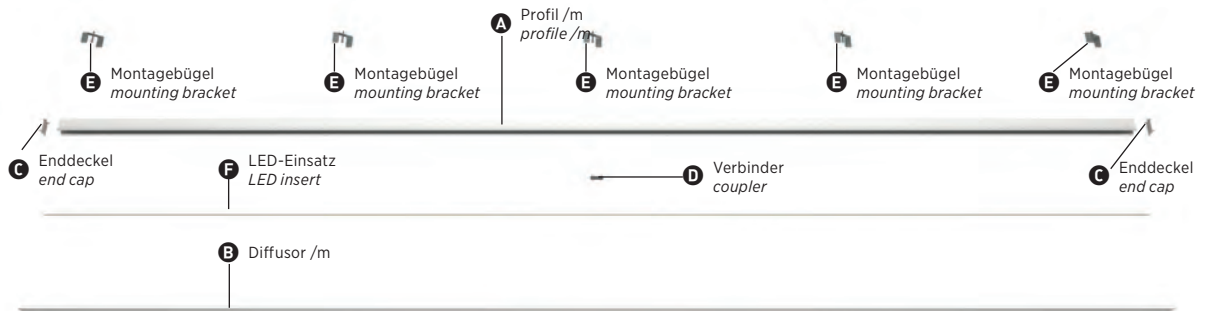




X-SMALL LED SYSTEM


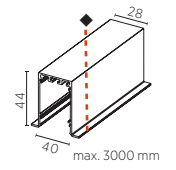

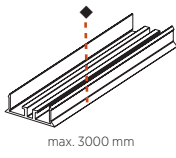
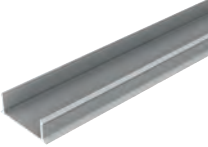
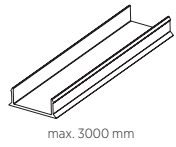

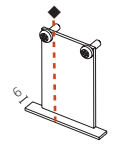
EXAMPLE 3532 mm

A	3,52x	24007
B	3,52x	43009
C	2x	81016
D	1x	100-109
E	5x	81017
F	1x	81119
G	3,5x	81120


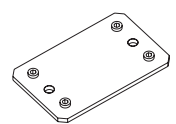

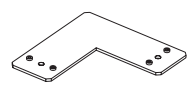

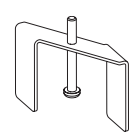




KOMPONENTEN > COMPONENTS



		L	ART.-NO	STANDARD	TECHN. OPTIONS	€ STANDARD	1-10 V / DALI	
	A ALUMINIUM-PROFIL ALUMINIUM PROFILE	per m		24007	◆			
	A ALUMINIUM-DECKELPROFIL ALUMINIUM CAP PROFILE	per m		43008	◆			
	B DIFFUSOR OPAL DIFFUSER OPAL	per m		43009				
	C ENDDECKEL END CAP			81016	◆			


1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.


	L	ART.-NO			TECHN. OPTIONS	€	
		STANDARD				STANDARD	1-10 V / DALI
	D	LINIENVERBINDER LINE - COUPLER		81035			
	D	ECKVERBINDER CORNER COUPLER 90° nach Maß: required angle: 45°-180°		81019 81020			
	E	MONTAGEBÜGEL MOUNTING BRACKET		81017			
			CE				

EINSÄTZE > INSERTS DIRECT

24 VDC



	L MM	LED	W / LUMEN	ENERGY LABEL	ART.-NO			TECHN. OPTIONS	€	
					STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
	5000	RGB	72	A++ - A'	81130					
		3000 K	92 / 9850	A++ - A'	81132					
		4000 K	92 / 10000	A++ - A'	81133					
					 > T. 374, T. 375	CE				

	L MM	ART.-NO			€	
		STANDARD			STANDARD	DALI / 1-10 V
		KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES				
	500	81134				
	5	81135				
	50	81136				
	500	81137				
	5	81138				

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.

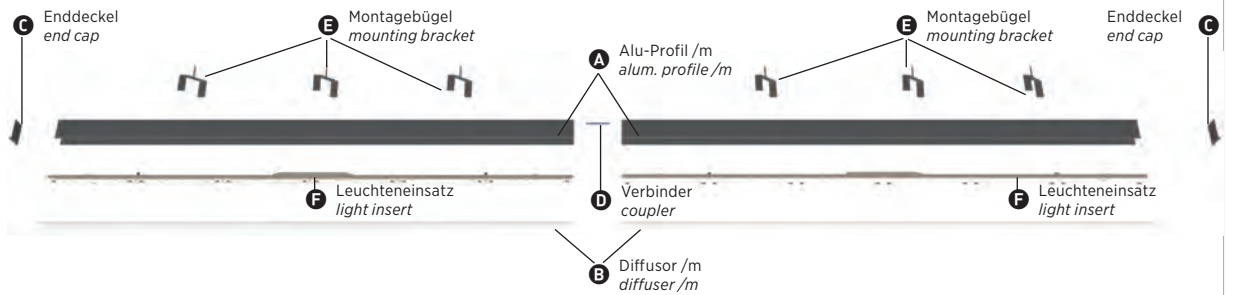


UTAH SYSTEM

PROJECT PICTURE > page 115-116

EXAMPLE 3426 mm

A	3,41x	100-102
B	3,41x	100-1070
C	2x	100-104
D	1x	100-109
E	6x	100-108
F	2x	85690



KOMPONENTEN > COMPONENTS


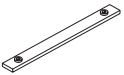

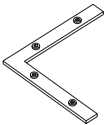

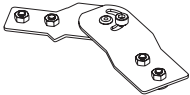

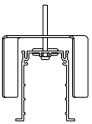

10|12,5|15 115 50 x (L+8)

		L	STANDARD	ART.-NO	00-25	TECHN. OPTIONS	STANDARD €	1-10 V / DALI	
	A ALUMINIUM-PROFIL ALUMINIUM PROFILE	per m		100-102	◆				
	B DIFFUSOR DIFFUSER	per m		100-1070					
	B ALU-DECKELPROFIL ALUMINIUM CAP PROFILE	per m		100-1014	◆				
	C ENDDECKEL END CAP			100-104	◆				

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.


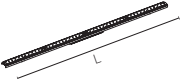

2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.

T. 154 Please complete the article number for the marked lamp sections (◆▲●) with the corresponding codes from the colour table on the inside of back cover. The most popular colour codes are: 00 = aluminium nature; 01 = silver; 02 = black; 03 = white.

	D VERBINDER COUPLER				81150					
	D ECKVERBINDER 90° CORNER COUPLER 90°				81151					
	D ECKVERBINDER NACH MASS 45°-180° CORNER COUPLER REQUIRED ANGLE 45°-180°				81152					
	E MONTAGEBÜGEL MOUNTING BRACKET				100-108					 max. distance: 1500 mm
					CE					


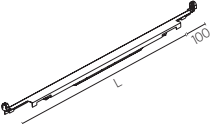


EINSÄTZE > INSERTS LED

230 V  

	F	LED	W / LUMEN	CRI	ENERGY LABEL	ART.-NO			TECHN. OPTIONS	€		
						STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V	
1140		3000 K	25 / 3280	> 80	A++ - A ¹	85650	85652					
		4000 K	25 / 3360	> 80	A++ - A ¹	85660	85662					
1420		3000 K	31 / 4100	> 80	A++ - A ¹	85670	85672					
		4000 K	31 / 4200	> 80	A++ - A ¹	85680	85682					
1700		3000 K	37 / 4920	> 80	A++ - A ¹	85690	85692					
		4000 K	37 / 5040	> 80	A++ - A ¹	85700	85702					
1980		3000 K	43 / 5740	> 80	A++ - A ¹	85710	85712					
		4000 K	43 / 5880	> 80	A++ - A ¹	85720	85722					
2270		3000 K	50 / 6560	> 80	A++ - A ¹	85730	85732					
		4000 K	50 / 6720	> 80	A++ - A ¹	85740	85742					
					CE							

EINSÄTZE > INSERTS DIRECT

230 V  

	F	T16/G5	L MM	ENERGY LABEL	ART.-NO			TECHN. OPTIONS	€		
					STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V	
ÜBERLAPPEND OFFSET		21 W	767	A+ - B ²	10220	10222	10221				
		28 W	1067	A+ - B ²	10230	10232	10231				
		35 W	1367	A+ - B ²	10240	10242	10241				
		2x 28 W	2134	A+ - B ²	10250	10252	10251				
 > T. 377					CE						

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.


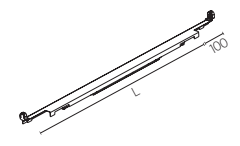
Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.

NOTLICHT-EINSÄTZE > EMERGENCY

230 V



F	T16/G5	L MM	h	ENERGY LABEL	ART.-NO			TECHN. OPTIONS	€	
					STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
ÜBERLAPPEND OFFSET	35 W	1367	1 h	A+ - B ²	10243	10245	10244			
	35 W	1367	3 h	A+ - B ²	10176					
					CE					


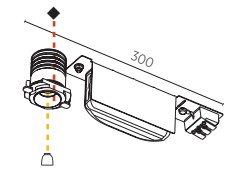
$\Sigma = L + L + L + 100$

SPOT 1 LED

230 V



F	L MM	LED	W / LUMEN	CRI	ENERGY LABEL	ART.-NO			01-25	TECHN. OPTIONS	€				
						STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V			
300		2700 K	7 / 610	> 90	A++ - A ¹	85810			◆	☐					
		3000 K	7 / 625	> 90	A++ - A ¹	85820			◆	☐					
		4000 K	7 / 700	> 90	A++ - A ¹	85830			◆	☐					
					CE										
										REFLECTOR	...33	...47	...65	☐	ORDER-EXAMPLE: ◆ ☐
											33°	47°	65°	85810-02 65	black 65


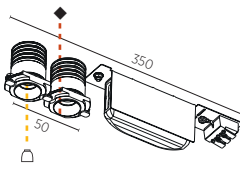



SPOT 2 LED

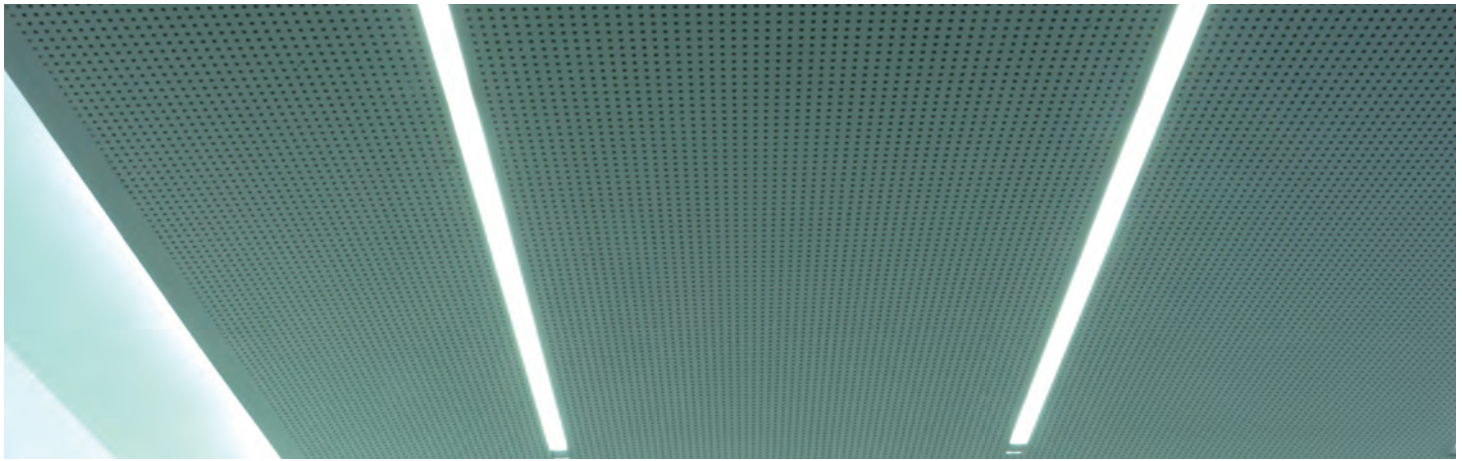
230 V



F	L MM	LED	W / LUMEN	CRI	ENERGY LABEL	ART.-NO			01-25	TECHN. OPTIONS	€				
						STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V			
350		2700 K	2x 7 / 610	> 90	A++ - A ¹	85840			◆	☐					
		3000 K	2x 7 / 625	> 90	A++ - A ¹	85850			◆	☐					
		4000 K	2x 7 / 700	> 90	A++ - A ¹	85860			◆	☐					
					CE										
										REFLECTOR	...33	...47	...65	☐	ORDER-EXAMPLE: ◆ ☐
											33°	47°	65°	85840-02 65	black 65

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.

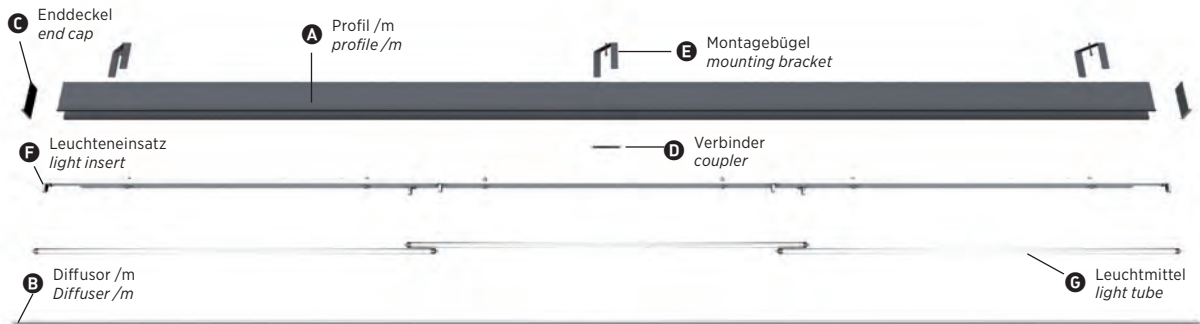


UTAH VISION SYSTEM

PROJECT PICTURE > page 117

EXAMPLE 3326 mm

- A** 3,31x 100-1071
- B** 3,31x 100-1070
- C** 2x 100-1072
- D** 1x 100-109
- E** 3x 100-1073
- F** 3x 10160
- G** 3x T16 - 28/54 W



KOMPONENTEN > COMPONENTS


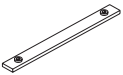

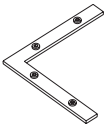

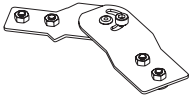

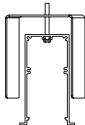

10|12,5|15 135 53 x (L+8)

		L		ART.-NO	00-25	TECHN. OPTIONS	€ STANDARD	1-10 V / DALI	
	A ALUMINIUM-PROFIL ALUMINIUM PROFILE	per m		100-1071	◆				
	B DIFFUSOR DIFFUSER	per m		100-1070					
	B ALU-DECKELPROFIL ALUMINIUM CAP PROFILE	per m		100-1014	◆				
	C ENDDECKEL END CAP			100-1072	◆				

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmitel der oben angeführten Energieklassen.


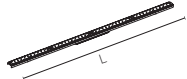

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.

				ART-NO			TECHN. OPTIONS	€		
				STANDARD				STANDARD	1-10 V / DALI	
	D VERBINDER COUPLER				100-109					
	D ECKVERBINDER 90° CORNER COUPLER 90°				100-1021					
	D ECKVERBINDER NACH MASS 45°-180° CORNER COUPLER REQUIRED ANGLE 45°-180°				100-1012					
	E MONTAGEBÜGEL MOUNTING BRACKET				100-1073					
				CE						

EINSÄTZE > INSERTS LED

230 V


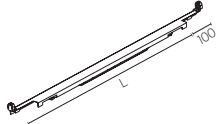




	F	LED	W / LUMEN	CRI	ENERGY LABEL	ART-NO			TECHN. OPTIONS	€		
						STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V	
	1140	3000 K	25 / 3280	> 80	A++ - A ¹	85650	85652					
		4000 K	25 / 3360	> 80	A++ - A ¹	85660	85662					
	1420	3000 K	31 / 4100	> 80	A++ - A ¹	85670	85672					
		4000 K	31 / 4200	> 80	A++ - A ¹	85680	85682					
	1700	3000 K	37 / 4920	> 80	A++ - A ¹	85690	85692					
		4000 K	37 / 5040	> 80	A++ - A ¹	85700	85702					
	1980	3000 K	43 / 5740	> 80	A++ - A ¹	85710	85712					
		4000 K	43 / 5880	> 80	A++ - A ¹	85720	85722					
2270	3000 K	50 / 6560	> 80	A++ - A ¹	85730	85732						
	4000 K	50 / 6720	> 80	A++ - A ¹	85740	85742						
				CE								

EINSÄTZE > INSERTS DIRECT

230 V



	F	T16/G5	L MM	ENERGY LABEL	ART-NO			TECHN. OPTIONS	€		
					STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V	
	ÜBER- LAPPEND OFFSET	21 W	767	A+ - B ²	10220	10222	10220				
		28 W	1067	A+ - B ²	10230	10232	10231				
		35 W	1367	A+ - B ²	10240	10242	10241				
		2x 28 W	2134	A+ - B ²	10250	10252	10251				
 > T. 377				CE							

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.

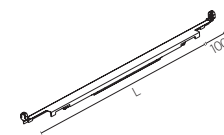
2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.

NOTLICHT-EINSÄTZE > EMERGENCY

230 V



F	T16/G5	A MM	h	ENERGY LABEL	ART.-NO			TECHN. OPTIONS	€	
					STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
ÜBERLAPPEND OFFSET	35 W	1367	1 h	A+ - B ²	10243	10245	10244			
	35 W	1367	3 h	A+ - B ²	10176					
					CE					



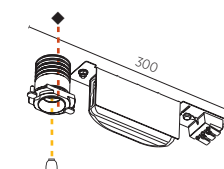
$$\Sigma = L + L + L... + 100$$

SPOT 1 LED

230 V



F	L MM	LED	W / LUMEN	CRI	ENERGY LABEL	ART.-NO			01-25	TECHN. OPTIONS	€		
						STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V	
300		2700 K	7 / 610	> 90	A++ - A ¹	85810			◆	☐			
		3000 K	7 / 625	> 90	A++ - A ¹	85820			◆	☐			
		4000 K	7 / 700	> 90	A++ - A ¹	85830			◆	☐			
					CE								
								REFLECTOR	...33	...47	...65	☐	ORDER-EXAMPLE: ◆ ☐
									33°	47°	65°		85810-02 65
													black 65°

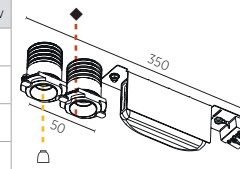


SPOT 2 LED

230 V



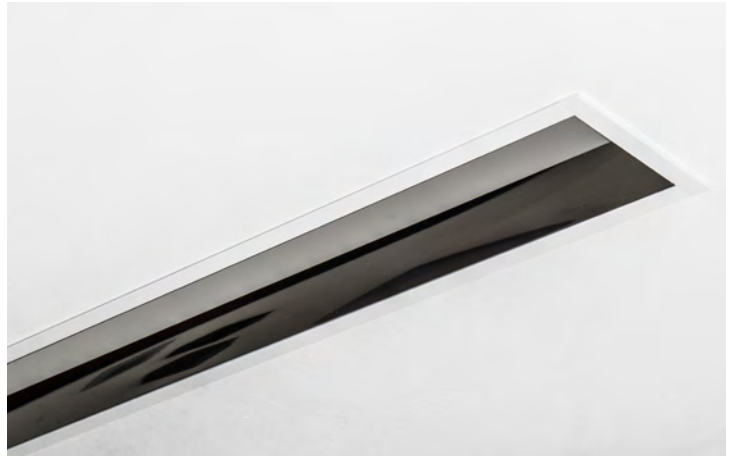
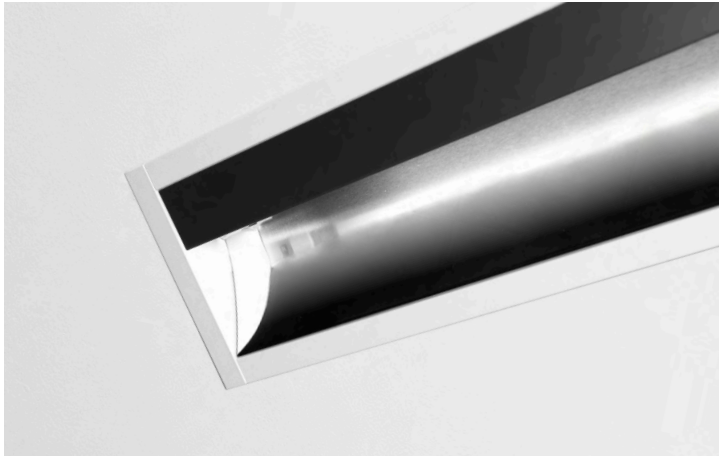
F	L MM	LED	W / LUMEN	CRI	ENERGY LABEL	ART.-NO			01-25	TECHN. OPTIONS	€		
						STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V	
350		2700 K	2x 7 / 610	> 90	A++ - A ¹	85840			◆	☐			
		3000 K	2x 7 / 625	> 90	A++ - A ¹	85850			◆	☐			
		4000 K	2x 7 / 700	> 90	A++ - A ¹	85860			◆	☐			
					CE								
								REFLECTOR	...33	...47	...65	☐	ORDER-EXAMPLE: ◆ ☐
									33°	47°	65°		85840-02 65
													black 65°



1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.

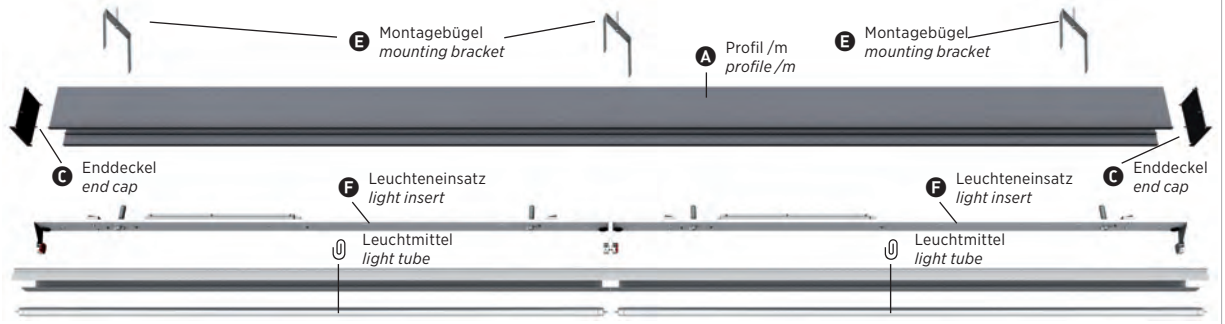


FLUSH SYSTEM

PROJECT PICTURE > page 112

EXAMPLE 2975 mm

- A** 2,955x 100-212
- C** 2x 100-214
- E** 3x 100-208
- F** 2x 20500
- U** 2x T16 / 35 W



KOMPONENTEN > COMPONENTS


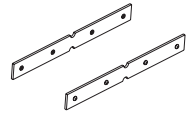

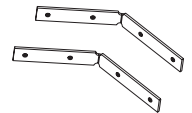



10|12,5|15 145 80 x (L+8)

		L		ART-NO	00-25	TECHN. OPTIONS	STANDARD €	1-10 V / DALI	
	A ALUMINIUM PROFIL ALUMINIUM PROFILE	per m		100-212	◆				
	B DIFFUSOR DIFFUSER	per m		100-2070					
	B DECKELPROFIL CAP PROFILE	per m		100-2014	◆				
	C ENDDECKEL END CAP			100-214	◆				

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.

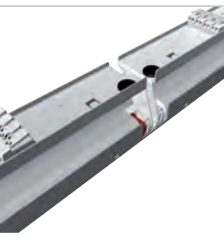
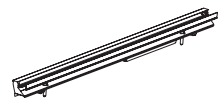

2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.

T. 160 Please complete the article number for the marked lamp sections (◆▲●) with the corresponding codes from the colour table on the inside of back cover. The most popular colour codes are: 00 = aluminium nature; 01 = silver; 02 = black; 03 = white.

				ART-NO	TECHN. OPTIONS	€		
				STANDARD		STANDARD	1-10 V / DALI	
	D	VERBINDER COUPLER		100-209				
	D	ECKVERBINDER CORNER COUPLER 90° nach Maß: required angle: 45°-180°		100-201 100-2012				
	E	MONTAGEBÜGEL MOUNTING BRACKET		100-208				 max. distance: 1500 mm
				CE				


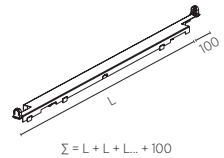



EINSÄTZE > INSERTS ASYMMETRIC

230 V  

	F	T16/G5	L MM	ENERGY LABEL	ART-NO			TECHN. OPTIONS	€					
					STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V				
BÜNDIG FLUSH			1177	A+ - B ²	20490	20492	20491							
					28/54 W	35/49 W	1477	A+ - B ²	20500	20502	20501			
				CE										



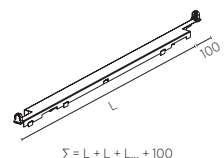


EINSÄTZE > INSERTS DIRECT



230 V   

	F	T16/G5	L MM	ENERGY LABEL	ART-NO			TECHN. OPTIONS	€		 $\Sigma = L + L + L... + 100$
					STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V	
ÜBER- LAPPEND OFFSET			775	A+ - B ²	20650	20652	20651				
			21/39 W	1075	A+ - B ²	20660	20662	20661			
			28/54 W	1375	A+ - B ^{2T}	20670	20672	20671			
			 > T. 377		CE						

NOTLICHT-EINSÄTZE > EMERGENCY

230 V   

	F	T16/G5		L MM	ENERGY LABEL	ART-NO			TECHN. OPTIONS	€		 $\Sigma = L + L + L... + 100$
						STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V	
ÜBER- LAPPEND OFFSET			1 h	1375	A+ - B ²	20673	20675	20674				
				35/49 W	3 h	1375	A+ - B ²	20676				
				35 W	3 h	1375	A+ - B ²	20679				
					CE							

KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES				ART-NO	TECHN. OPTIONS	€			
				STANDARD	DALI-DIMM	1-10 V-DIMM	STANDARD	DALI / 1-10 V	
	U	WERKZEUG für Drehverschluss (nur für T16) TOOL for twist-locking (only for T16)		80045					

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebaute LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.

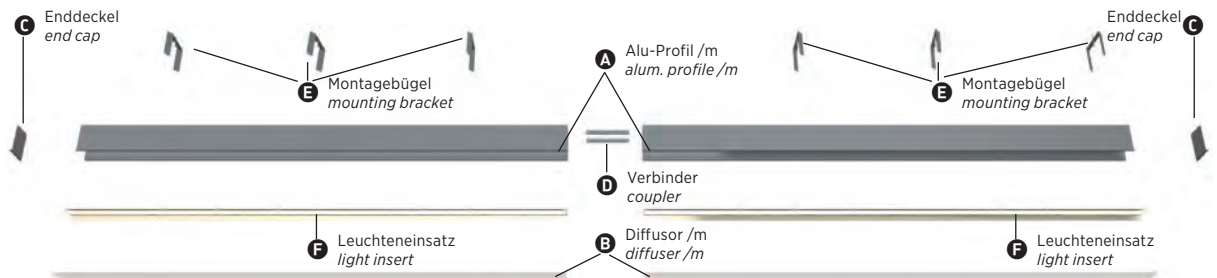


IDAHO SYSTEM

PROJECT PICTURE > page 113

EXAMPLE 3426 mm

- A** 3,41x 100-202
- B** 3,41x 100-2070
- C** 2x 100-204
- D** 1x 100-209
- E** 6x 100-208
- F** 2x 85590




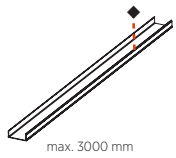

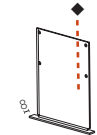

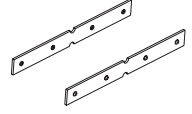

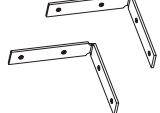

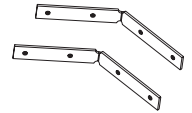



KOMPONENTEN > COMPONENTS

10|12,5|15 145 80 x (L+8)

		L	STANDARD	ART-NO	00-25	TECHN. OPTIONS	STANDARD	€	1-10 V / DALI
	A ALUMINIUM-PROFIL ALUMINIUM PROFILE	per m	100-202		◆				
	B DIFFUSOR DIFFUSER	per m	100-2070						
	B MICRO-PRISMEN MICRO PRISM	per m	100-2075						
	B T16 BAP-RASTER T16 DARKLIGHT	per m	100-2085 100-2086 100-2087						


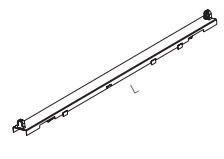

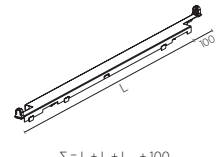


1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.

2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.

		L		ART-NO	00-25	TECHN. OPTIONS	€	
				STANDARD			STANDARD	1-10 V / DALI
	B DECKELPROFIL CAP PROFILE	per m		100-2014	◆			 max. 3000 mm
	C ENDDECKEL END CAP			100-204	◆			
	D VERBINDER COUPLER			81140				
	D ECKVERBINDER 90° 1 Paar CORNER COUPLER 90°, 1 pair			81141				
	D ECKVERBINDER NACH MASS 45° - 180°, 1 Paar CORNER COUPLER REQUIRED ANGLE 45° - 180°, 1 pair			81142				
	E MONTAGEBÜGEL MOUNTING BRACKET			100-208				 max. distance: 1500 mm
				CE				

EINSÄTZE > INSERTS DIRECT

230 V  incl. 

	F	T16/G5	L MM	ENERGY LABEL	ART-NO			TECHN. OPTIONS	€		
					STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V	
	BÜNDIG FLUSH			A+ - B ²	20110**	20112**	20111**				 L
					20120	20122	20121				
					20130	20132	20131				
					20140	20142	20141				
	ÜBERLAP- PEND * OFFSET *			A+ - B ²	20150	20152	20151				 L $\Sigma = L + L + L... + 100$
					20160	20162	20161				
					20170	20172	20171				
					20400	20402	20401				
** ohne Durchgangsverdrahtung	 > T. 377			CE			* nicht möglich für darklight * not possible for darklight				

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

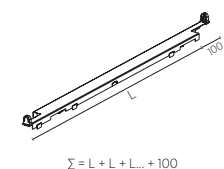
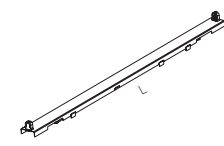
Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.

NOTLICHT-EINSÄTZE > EMERGENCY

230 V



F	T16/G5	L MM	ENERGY LABEL	ART.-NO			TECHN. OPTIONS	€	
				STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
BÜNDIG FLUSH	28 W	1 h	1175	A+ - B ²	20133				
	28 W	3 h	1175	A+ - B ²	20136				
	54 W	1 h	1175	A+ - B ²	20139				
	35/49 W	1 h	1475	A+ - B ²	20143	20145	20144		
	35/49 W	3 h	1475	A+ - B ²	20146	20148	20147		
ÜBERLAPPEND (nicht mögl. für darklight) OFFSET (not possible for darklight)	35/49 W	1 h	1375	A+ - B ²	20173	20175	20174		
	35 W	3 h	1375	A+ - B ²	20176				
	49 W	3 h	1375	A+ - B ²	20179				
				CE				* nicht möglich für darklight * not possible for darklight	

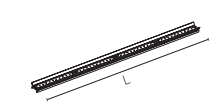


INSERTS LED

230 V



F	L MM	LED	W / LUMEN	CRI	ENERGY LABEL	ART.-NO			TECHN. OPTIONS	€	
						STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
1140		3000 K	25 / 3280	> 80	A++ - A ¹	85550	85552				
			4000 K	25 / 3360	> 80	A++ - A ¹	85560	85562			
1420		3000 K	31 / 4100	> 80	A++ - A ¹	85570	85572				
			4000 K	31 / 4200	> 80	A++ - A ¹	85580	85582			
1700		3000 K	37 / 4920	> 80	A++ - A ¹	85590	85592				
			4000 K	37 / 5040	> 80	A++ - A ¹	85600	85602			
1980		3000 K	43 / 5740	> 80	A++ - A ¹	85610	85612				
			4000 K	43 / 5880	> 80	A++ - A ¹	85620	85622			
2270		3000 K	50 / 6560	> 80	A++ - A ¹	85630	85632				
			4000 K	50 / 6720	> 80	A++ - A ¹	85640	85642			
				CE							

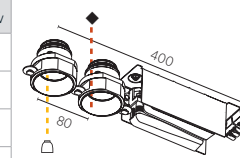


SPOT 1 LED

230 V



F	L MM	LED	W / LUMEN	CRI	ENERGY LABEL	ART.-NO			01-25	TECHN. OPTIONS	€				
						STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V			
300		2700 K	11 / 1280	> 90	A++ - A ¹	85750	85752		◆	☐					
			3000 K	11 / 1460	> 90	A++ - A ¹	85760	85762		◆	☐				
			4000 K	11 / 1610	> 90	A++ - A ¹	85770	85772		◆	☐				
				CE											
										REFLECTOR	...24	...32	...50	☐	ORDER-EXAMPLE: ◆ ☐ 85750- 03 50 white 50°

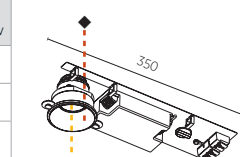


SPOT 2 LED

230 V



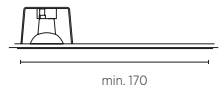





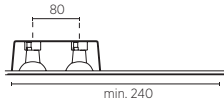

F	L MM	LED	W / LUMEN	CRI	ENERGY LABEL	ART.-NO			01-25	TECHN. OPTIONS	€				
						STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V			
400		2700 K	2x 11/1280	> 90	A++ - A ¹	85780	85782		◆	☐					
			3000 K	2x 11/1460	> 90	A++ - A ¹	85790	85792		◆	☐				
			4000 K	2x 11/1610	> 90	A++ - A ¹	85800	85802		◆	☐				
				CE											
										REFLECTOR	...24	...32	...50	☐	ORDER-EXAMPLE: ◆ ☐ 85780- 03 50 white 50°



1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.

2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.

SPOT 1 HV										230 V		
	F	L MM	△ QPAR16/GU10	ENERGY LABEL	STANDARD	ART.-NO			TECHN. OPTIONS	€		 min. 170
						DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V		
		170		A++ - D ²	100-2050H1							
					CE							

SPOT 2 HV										230 V		
	F	L MM	△ QPAR16/GU10	ENERGY LABEL	STANDARD	ART.-NO			TECHN. OPTIONS	€		 80 min. 240
						DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V		
		240		A++ - D ²	100-2050H2							
					CE							

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

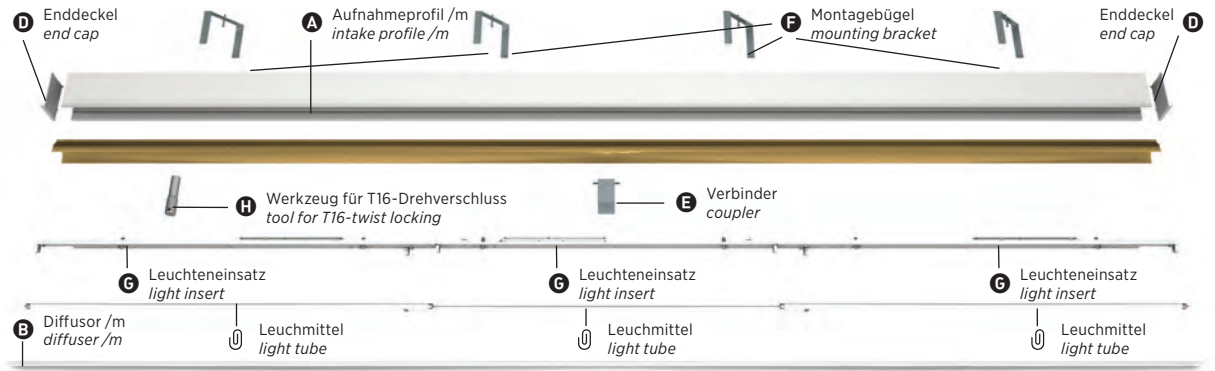
Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.



GROOVE SYSTEM

EXAMPLE 3322 mm

A	3,302x	24063
B	3,302x	14002
D	2x	81011
E	1x	81110
F	4x	81113
G	3x	10160
H	1x	80045
	3x	T 16 - 28/54 W


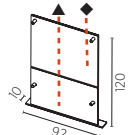

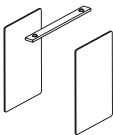

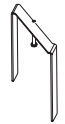



KOMPONENTEN > COMPONENTS






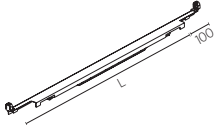
	L	ART-NO	STANDARD	00-25	TECHN. OPTIONS	STANDARD	€	10 12.5 15	160	85 x (L+10)		
	A	PROFIL PROFILE	per m	24063	◆ ▲							
	B	DIFFUSOR FLACH FLAT DIFFUSER	per m	14002								
	B	DIFFUSOR GEWÖLBT CURVED DIFFUSER	per m	81108								
	C	DECKELPROFIL CUP PROFILE	per m	81109	◆							

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.

	L	ART-NO	STANDARD	00-25	00-25	TECHN. OPTIONS	€	
							STANDARD	1-10 V / DALI
	D	ENDDECKEL END CAP	81011	◆	▲			
	E	VERBINDER COUPLER	81110					
	F	MONTAGEBÜGEL MOUNTING BRACKET	24065					 distance: max. 1000 mm
			CE					



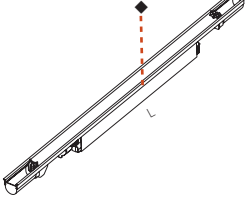
EINSÄTZE > INSERTS DIRECT

230 V  

	G	T16/G5	L MM	ENERGY LABEL	ART-NO			TECHN. OPTIONS	€	
					STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
	ÜBER- LAPPEND OFFSET		21/39 W	767	A+ - B ²	10150	10152	10151		
			28/54 W	1067	A+ - B ²	10160	10162	10161		
			35/49 W	1367	A+ - B ²	10170	10172	10171		
			2x28/54 W	2134	A+ - B ²	10180	10182	10181		
 > T. 377					CE					 $\Sigma = L + L + L... + 100$



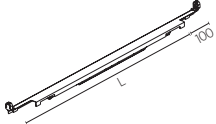
EINSÄTZE > INSERTS DIRECT

230 V  

	G	SLS/G5	L MM	ENERGY LABEL	ART-NO			00-25	TECHN. OPTIONS	€	
					STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V
	BÜNDIG FLUSH		24 W	585	A+ - B ²	85420	85422	85421	◆		
			39 W	885	A+ - B ²	85430	85432	85431	◆		
			54 W	1185	A+ - B ²	85440	85442	85441	◆		
					CE						

NOTLICHT-EINSÄTZE > EMERGENCY

230 V  

	G	T16/G5	L MM	ENERGY LABEL	ART-NO			TECHN. OPTIONS	€	
					STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
	ÜBER- LAPPEND OFFSET		35/49 W	1 h	1367	A+ - B ²	10173	10175	10174	
			35 W	3 h	1367	A+ - B ²	10176			
			49 W	3 h	1367	A+ - B ²	10179			
					CE					

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

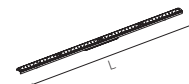
Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.

INSERTS LED

230 V



G	L MM	LED	W / LUMEN	CRI	ENERGY LABEL	ART.-NO			TECHN. OPTIONS	€	
						STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
1140		3000 K	25 / 3280	> 80	A++ - A ¹	85650	85652				
		4000 K	25 / 3360	> 80	A++ - A ¹	85660	85662				
1420		3000 K	31 / 4100	> 80	A++ - A ¹	85670	85672				
		4000 K	31 / 4200	> 80	A++ - A ¹	85680	85682				
1700		3000 K	37 / 4920	> 80	A++ - A ¹	85690	85692				
		4000 K	37 / 5040	> 80	A++ - A ¹	85700	85702				
1980		3000 K	43 / 5740	> 80	A++ - A ¹	85710	85712				
		4000 K	43 / 5880	> 80	A++ - A ¹	85720	85722				
2270		3000 K	50 / 6560	> 80	A++ - A ¹	85730	85732				
		4000 K	50 / 6720	> 80	A++ - A ¹	85740	85742				
						CE					



KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES		ART.-NO			TECHN. OPTIONS	€	
		STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
	WERKZEUG für Drehverschluss (nur für T16) TOOL for twist-locking (only for T16)	80045					

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.

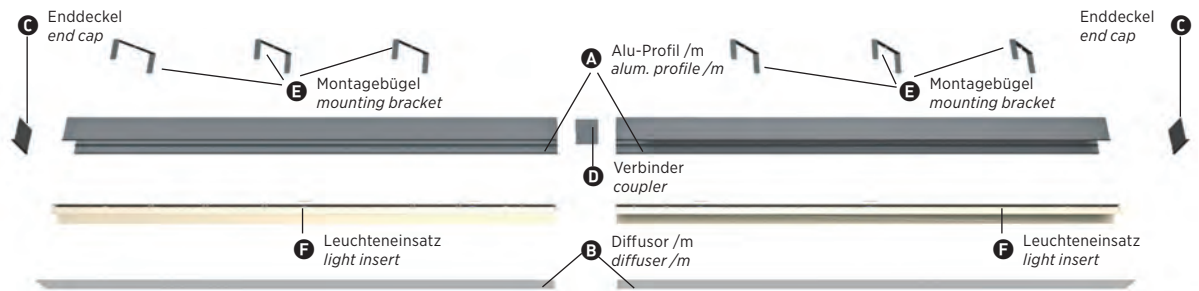


IDAHO 100 SYSTEM

PROJECT PICTURE > page 114

EXAMPLE 3430 mm

- A** 3,41x 24060
- B** 3,41x 81100
- C** 2x 81013
- D** 1x 81102
- E** 6x 24061
- F** 2x 85490



KOMPONENTEN > COMPONENTS


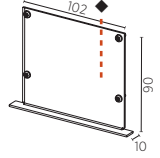

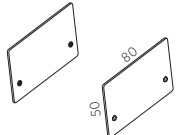

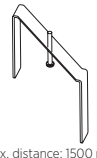



		L		ART.-NO	00-25	TECHN. OPTIONS	STANDARD €	1-10 V / DALI	
			STANDARD						
	A PROFIL PROFILE	per m		24060	◆				
	B DIFFUSOR DIFFUSER	per m		81100					
	B MICRO PRISMEN MICRO PRISM	per m		81099					
	B ALU-DECKELPROFIL ALUMINIUM CAP PROFILE	per m		81101	◆				

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

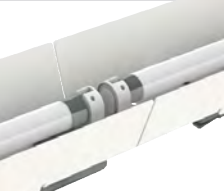
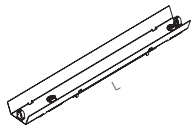
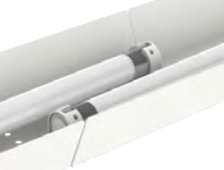
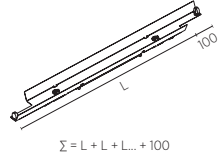
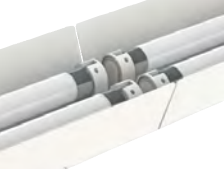
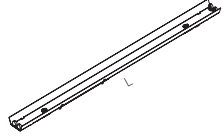
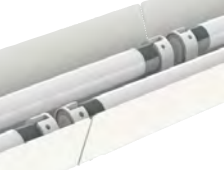
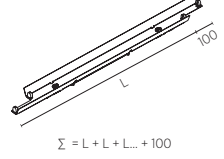



2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.

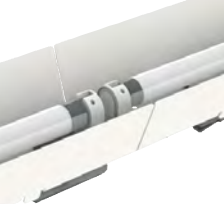
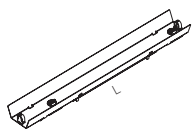
		L MM		ART.-NO	00-25	TECHN. OPTIONS	€ STANDARD 1-10 V / DALI	
	C ENDDECKEL END CAP			81013	◆			
	D VERBINDER COUPLER	80		81102				
	E MONTAGEBÜGEL MOUNTING BRACKET			24061				 max. distance: 1500 mm
				CE				

EINSÄTZE > INSERTS DIRECT

230 V  

	F	T16/G5	L MM	ENERGY LABEL	ART.-NO			TECHN. OPTIONS	€			
					STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V		
	BÜNDIG FLUSH			A+ - B ²	14/24 W	575	85110*	85112*	85111*			
					21/39 W	875	85120	85122	85121			
					28/54 W	1175	85130	85132	85131			
					35/49 W	1475	85140	85142	85141			
	ÜBERLAP- PEND OFFSET			A+ - B ²	21/39 W	875	85150	85152	85151			 $\Sigma = L + L + L... + 100$
					28/54 W	1175	85160	85162	85161			
					35/49 W	1475	85170	85172	85171			
					2x 28/54 W	2134	85180	85182	85181			
	BÜNDIG 2-flammig FLUSH 2-flammed			A+ - B ²	2x 21 W	875	85200	85202	85201			
					2x 28 W	1175	85220	85222	85221			
					2x 35 W	1475	85240	85242	85241			
	ÜBERLAPPEND 2-flammig OFFSET 2-flammed			A+ - B ²	2x 21 W	875	85260	85262	85261			 $\Sigma = L + L + L... + 100$
					2x 28 W	1175	85280	85282	85281			
					2x 35 W	1475	85300	85302	85301			
				 > T. 377		CE		* ohne Durchgangsverdrahtung * without feed-through wiring				

NOTLICHT-EINSÄTZE > EMERGENCY

	F	T16/G5	D	L MM	ENERGY LABEL	ART.-NO			TECHN. OPTIONS	€		
						STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V	
	BÜNDIG FLUSH				A+ - B ²	28 W	1 h	1175	85133			
						28 W	3 h	1175	85136			
						54 W	1 h	1175	85139			
						35/49 W	1 h	1475	85143	85145	85144	
						35/49 W	3 h	1475	85146	85148	85147	

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.

2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.

	ÜBERLAPPEND OFFSET	35/49 W	1 h	1375	A+ - B²	85173	85175	85174				 $\Sigma = L + L + L + 100$
		35 W	3 h	1375	A+ - B²	85176						
		49 W	3 h	1375	A+ - B²	85179						
	BÜNDIG 2-flammig FLUSH 2-flammig	2x 28 W	1 h	1175	A+ - B²	85223						 $\Sigma = L + L + L + 100$
		2x 28 W	3 h	1175	A+ - B²	85226						
		2x 35 W	1 h	1475	A+ - B²	85243	85245	85244				
		2x 35 W	3 h	1475	A+ - B²	85246	85248	85247				
	ÜBERLAP. 2-flammig OFFSET 2-flammig	2x 28 W	1 h	1175	A+ - B²	85283						 $\Sigma = L + L + L + 100$
		2x 28 W	3 h	1175	A+ - B²	85286						
		2x 35 W	1 h	1475	A+ - B²	85303	85305	85304				
		2x 35 W	3 h	1475	A+ - B²	85306	85308	85307				
						CE						

EINSÄTZE > INSERTS LED

230 V

	F	L MM	LED	W / LUMEN	CRI	ENERGY LABEL	ART.-NO			TECHN. OPTIONS	€		
							STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V	
1140			3000 K	25 / 3280	> 80	A++ - A¹	85450	85452					
				4000 K	25 / 3360	> 80	A++ - A¹	85460	85462				
1420			3000 K	31 / 4100	> 80	A++ - A¹	85470	85472					
				4000 K	31 / 4200	> 80	A++ - A¹	85480	85482				
1700			3000 K	37 / 4920	> 80	A++ - A¹	85490	85492					
				4000 K	37 / 5040	> 80	A++ - A¹	85500	85502				
1980			3000 K	43 / 5740	> 80	A++ - A¹	85510	85512					
				4000 K	43 / 5880	> 80	A++ - A¹	85520	85522				
2270			3000 K	50 / 6560	> 80	A++ - A¹	85530	85532					
				4000 K	50 / 6720	> 80	A++ - A¹	85540	85542				
						CE							

SPOT 1 LED

230 V

	F	L MM	LED	W / LUMEN	CRI	ENERGY LABEL	ART.-NO			01-25	TECHN. OPTIONS	€			
							STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V		
350			2700 K	11 / 1280	> 90	A++ - A¹	86100	86102		◆					
				3000 K	11 / 1460	> 90	A++ - A¹	86110	86112		◆				
				4000 K	11 / 1610	> 90	A++ - A¹	86120	86122		◆				
						CE									
										REFLECTOR	...24	...32	...50		ORDER-EXAMPLE: ◆ 86100 - 03 50 white 50°
											24°	32°	50°		

SPOT 2 LED

230 V

	F	L MM	LED	W / LUMEN	CRI	ENERGY LABEL	ART.-NO			01-25	TECHN. OPTIONS	€			
							STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V		
450			2700 K	2x 11/1280	> 90	A++ - A¹	86130	86132		◆					
				3000 K	2x 11/1460	> 90	A++ - A¹	86140	86142		◆				
				4000 K	2x 11/1610	> 90	A++ - A¹	86150	86152		◆				
						CE									
										REFLECTOR	...24	...32	...50		ORDER-EXAMPLE: ◆ 86160 - 02 40 black 40°
											24°	32°	50°		

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

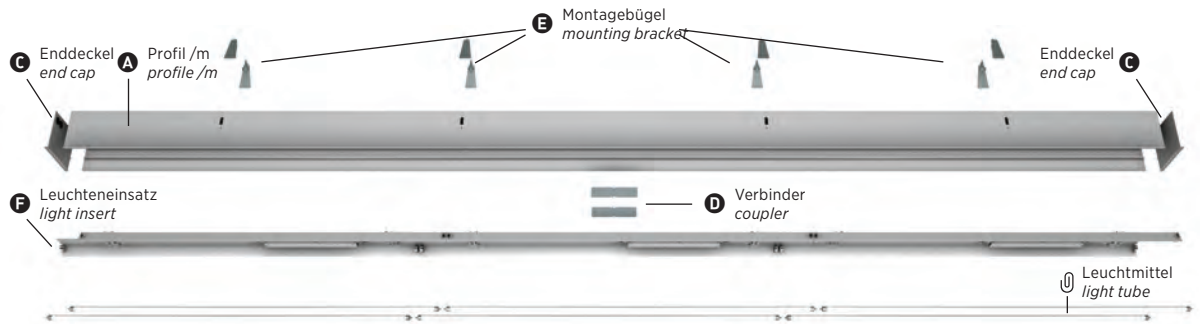
Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.



MAXLINE SYSTEM


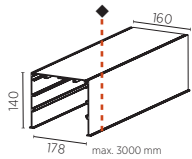

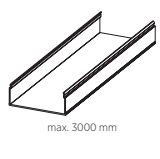

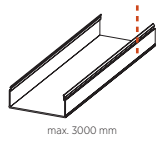

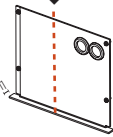
EXAMPLE 3648 mm

A	3,626	24001
B	3,626	81103
C	2x	24003
D	1x	24004
E	4x	24005
F	3x	85070
	3x	T16 - 28/54 W


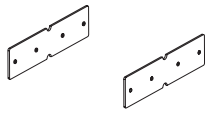

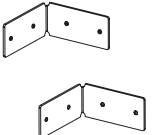

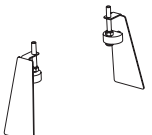



KOMPONENTEN > COMPONENTS



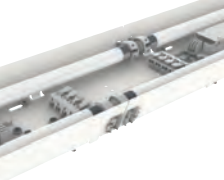
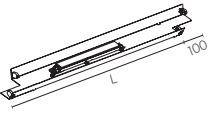


	L	ART.-NO	00-25	TECHN. OPTIONS	STANDARD €	1-10 V / DALI	
 <p>A ALUMINIUM-PROFIL ALUMINIUM PROFILE</p>	per m	24067	◆				
 <p>B DIFFUSOR DIFFUSER</p>	per m	81103					
 <p>B ALU-DECKELPROFIL ALUMINIUM CUP-PROFILE</p>	per m	81127	◆				
 <p>C ENDDECKEL END CAP</p>		81029	◆				

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.

	L	ART-NO	STANDARD	00-25	TECHN. OPTIONS	€		
						STANDARD	1-10 V / DALI	
	D VERBINDER COUPLER		24004					
	D ECKVERBINDER CORNER COUPLER 90° nach Maß: required angle: 45°-180°		24006 24009					
	E MONTAGEBÜGEL MOUNTING BRACKET		24005					
			CE					


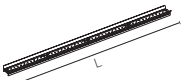

EINSÄTZE > INSERTS DIRECT

230 V  

	F	T16/G5	L MM	ENERGY LABEL	ART-NO			TECHN. OPTIONS	€	
					STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
	ÜBER- LAPPEND OFFSET	2x 14/24 W	575	A+ - B ²	85050	85052	85051			 $\Sigma = L + L + L... + 100$
		2x 21/39 W	875	A+ - B ²	85060	85062	85061			
		2x 28/54 W	1175	A+ - B ²	85070	85072	85071			
		2x 35/49 W	1475	A+ - B ²	85080	85082	85081			
 > T. 377					CE					

EINSÄTZE > INSERTS LED

230 V  

	F	L MM	LED	W / LUMEN	CRI	ENERGY LABEL	ART-NO			TECHN. OPTIONS	€	
							STANDARD	DALI-DIMM	1-10 V-DIMM		STANDARD	DALI / 1-10 V
	1140		3000 K	25 / 3280	> 80	A++ - A ¹	85870	85872				
			4000 K	25 / 3360	> 80	A++ - A ¹	85880	85882				
	1420		3000 K	31 / 4100	> 80	A++ - A ¹	85890	85892				
			4000 K	31 / 4200	> 80	A++ - A ¹	85900	85902				
	1700		3000 K	37 / 4920	> 80	A++ - A ¹	85910	85912				
			4000 K	37 / 5040	> 80	A++ - A ¹	85920	85922				
	1980		3000 K	43 / 5740	> 80	A++ - A ¹	85930	85932				
			4000 K	43 / 5880	> 80	A++ - A ¹	85940	85942				
	2270		3000 K	50 / 6560	> 80	A++ - A ¹	85950	85952				
			4000 K	50 / 6720	> 80	A++ - A ¹	85960	85962				
							CE					

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.

SPOT 1

F	L MM	LED	W / LUMEN	CRI	ENERGY LABEL	ART.-NO			01-25	TECHN. OPTIONS	€		230 V	incl.			
						STANDARD	DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V					
300		2700 K	24 / 2490	> 90	A++ - A ¹	86160	86162		◆					ORDER-EXAMPLE: ◆ ◆ 86160 - 03 50 white 50°			
		3000 K	24 / 2650	> 90	A++ - A ¹	86170	86172		◆								
		4000 K	24 / 2935	> 90	A++ - A ¹	86180	86182		◆								
						CE											
										REFLECTOR	...18	...26	...40				
											18°	26°	40°				

SPOT 2

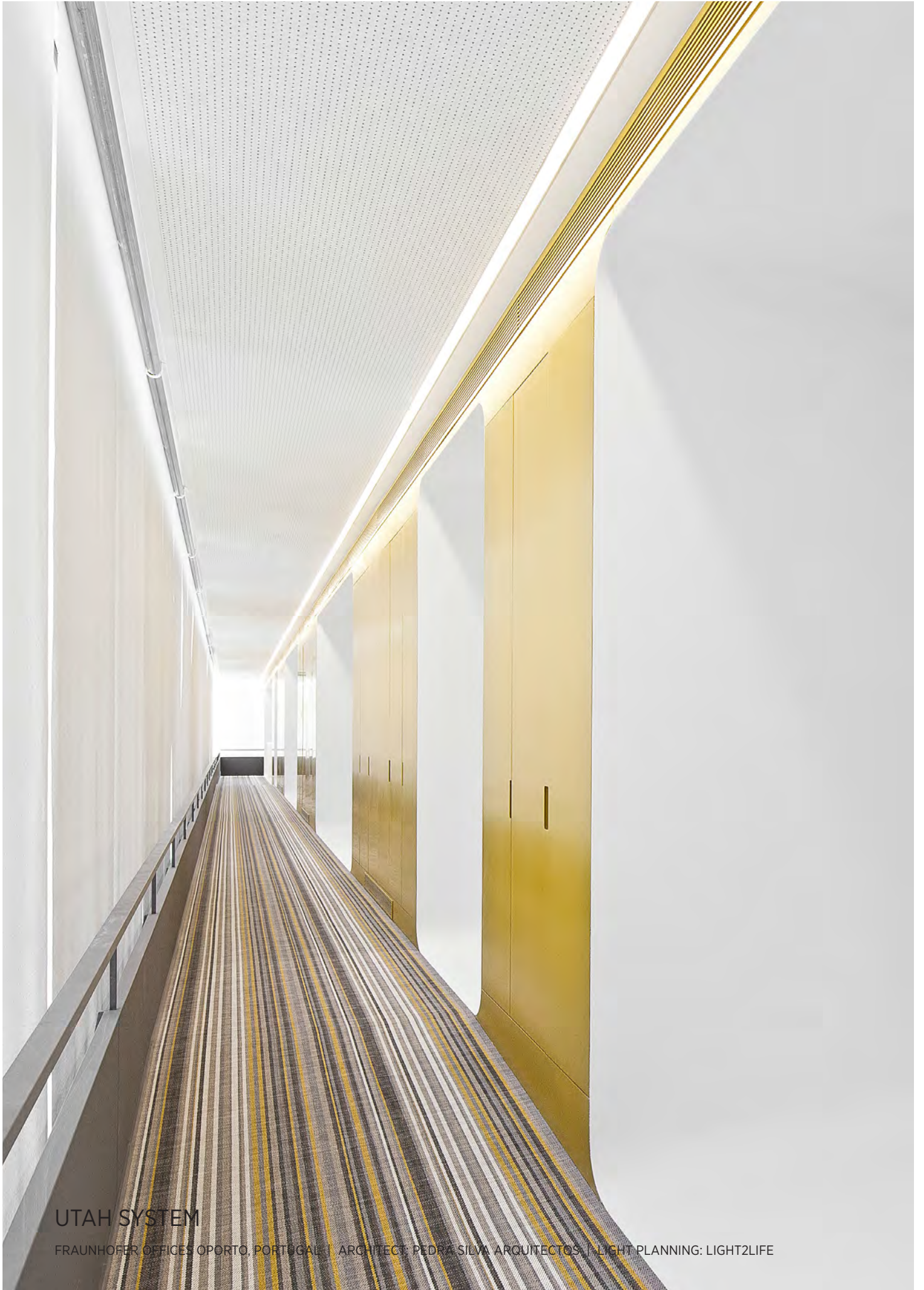
F	L MM	HIT-TC-CE/ G8.5	W	CRI	ENERGY LABEL	ART.-NO			01-25	01-25	TECHN. OPTIONS	€		230 V	incl.	180°	± 30°	
						STANDARD	DALI-DIMM	1-10 V-DIMM				STANDARD	DALI / 1-10 V					
350		35 W			A+ - A ²	86190			◆ ▲						ORDER-EXAMPLE: ◆ ▲ ◆ 86190 - 02 02 12 black black black 12°			
						CE												
										REFLECTOR	...12	...24	...36					
											12°	24°	36°					

SPOT 3

F	L MM	LED	W / LUMEN	CRI	ENERGY LABEL	ART.-NO			01-25	01-25	TECHN. OPTIONS	€		230 V	incl.	180°	± 25°	
						STANDARD	DALI-DIMM	1-10 V-DIMM				STANDARD	DALI / 1-10 V					
350		2700 K	17 / 1800	> 90	A++ - A ¹	85970	85972		◆ ▲					ORDER-EXAMPLE: ◆ ▲ ◆ 85970 - 02 02 40 black black black 40°				
		3000 K	17 / 2000	> 90	A++ - A ¹	85980	85982		◆ ▲									
		4000 K	17 / 2210	> 90	A++ - A ¹	86990	86992		◆ ▲									
						CE												
										REFLECTOR	...12	...24	...40					
											12°	24°	40°					

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.

2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



UTAH SYSTEM

FRAUNHOFER OFFICES OPORTO, PORTUGAL | ARCHITECT: PEDRA SILVA ARQUITECTOS | LIGHT PLANNING: LIGHT2LIFE

TECHNIC

3.1

**ANBAU
SURFACE**

LEUCHTEN
LIGHTS

3.1

ANBAU / SURFACE

LEUCHTEN / LIGHTS



**PI-QUADRAT
/...AURA**
T. 178



**SIGN QUADRAT
/...AURA**
T. 179



**SIGN HALF
/...AURA**
T. 180



**SMOOTHY
/...AURA**
T. 181



**SIGN ROUND
/...AURA**
T. 183



SUPER SIGN
T. 184



GLORIOUS
T. 186



QUANTUM
T. 188



VICTORY
T. 189



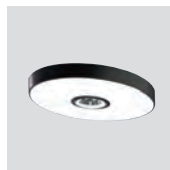
SMOOTHLINE
T. 190



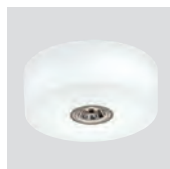
**PI-QUADRAT
PLUS /...AURA**
T. 191



**SIGN CENTER
/...AURA**
T. 192



**SIGN ROUND
CENTER /..AURA**
T. 194



CROSS OVER
T. 195

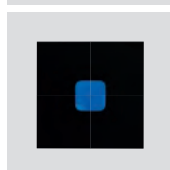


2inLOVE
T. 196



WAND / WALL

SPEED WALL
T. 197



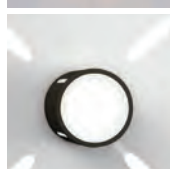
O⁴
T. 198



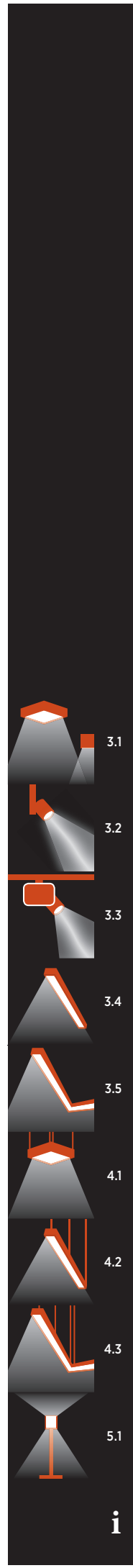
RAYBIN
T. 199



DICE WALL
T. 200



BOSS DRUM
T. 201



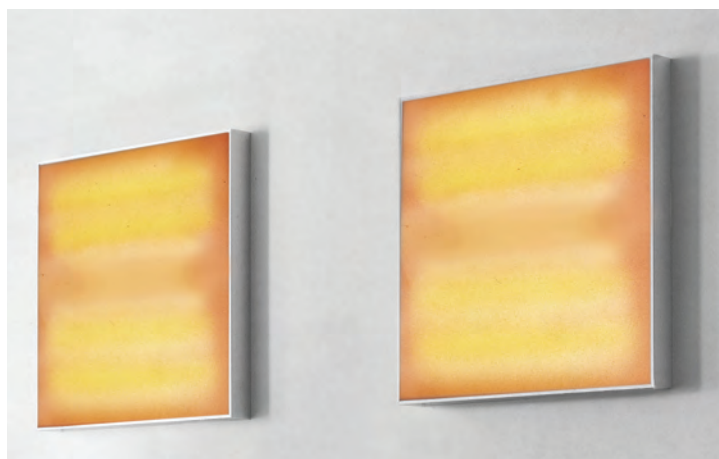
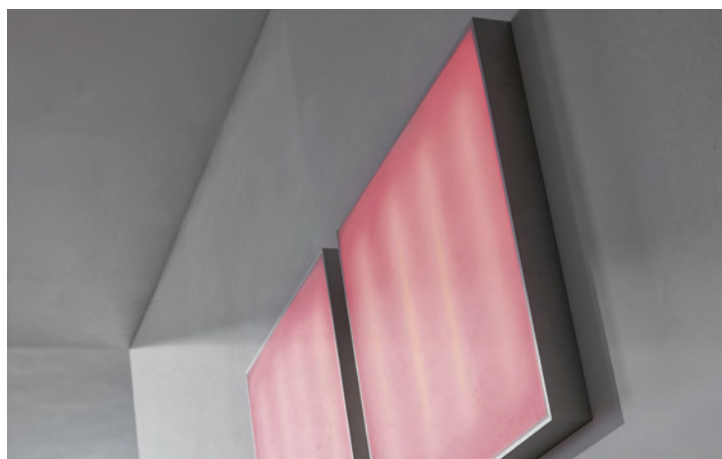


PI-QUADRAT 295											230 V		
	○ T16-R/2GX13			ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€ STANDARD DALI / 1-10 V			
	22 W			A+ - B ²	100-295601	...DD	...D1	◆					
					CE								

PI-QUADRAT 370											230 V			
	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€ STANDARD DALI / 1-10 V				
	3000 K	12 / 1670	> 80	A++ - A ¹	31370	31372	31371	◆	Ⓚ					
	4000 K	12 / 1730	> 80	A++ - A ¹	31380	31382	31381	◆	Ⓚ					
	○ T16-R/2GX13				STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€ STANDARD DALI / 1-10 V				
	40 W			A+ - B ²	100-370602	...DD	...D1	◆						
	22/40 W			A+ - B ²	100-370603	...DD	...D1	◆						
				CE										
										 ...01 ...02 DIFFUSOR	ORDER-EXAMPLE: ◆ Ⓚ 31370- 02 02 black micro-prism			

PI-QUADRAT AURA											230 V		
	○ T16-R/2GX13			ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€ STANDARD DALI / 1-10 V			
	22 W			A+ - B ²	06-295601	...DD	...D1	◆					
	40 W			A+ - B ²	06-370602	...DD	...D1	◆					
	22/40 W			A+ - B ²	06-370603	...DD	...D1	◆					
				CE									

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



SIGN QUADRAT 600										PROJECT PICTURE > page 137		230 V		LED incl.	incl.	▲	↗	
	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	00-25	TECHN. OPTIONS	€ STANDARD DALI / 1-10 V								
	3000 K	46 / 6680	> 80	A++ - A ¹	31390	31392		◆	D									
	4000 K	46 / 6920	> 80	A++ - A ¹	31400	31402		◆	D									
	T16/G5			ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	00-25	TECHN. OPTIONS	€ STANDARD DALI / 1-10 V								
4x 14/24 W			A+ - B ²	100-4412	...DD	...D1	◆					ORDER-EXAMPLE: ◆ D 31392- 02 02 black micro-prism						
⚙ > T. 377				CE														
									D ...01 ...02									
									DIFFUSOR									
									opal micro-prism									

SIGN QUADRAT AURA										PROJECT PICTURE > page 138		230 V		incl.	▲	↗		
	T16/G5			ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	00-25	TECHN. OPTIONS	€ STANDARD DALI / 1-10 V								
	4x 14/24 W			A+ - B ²	06-4412	...DD	...D1	◆										

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.



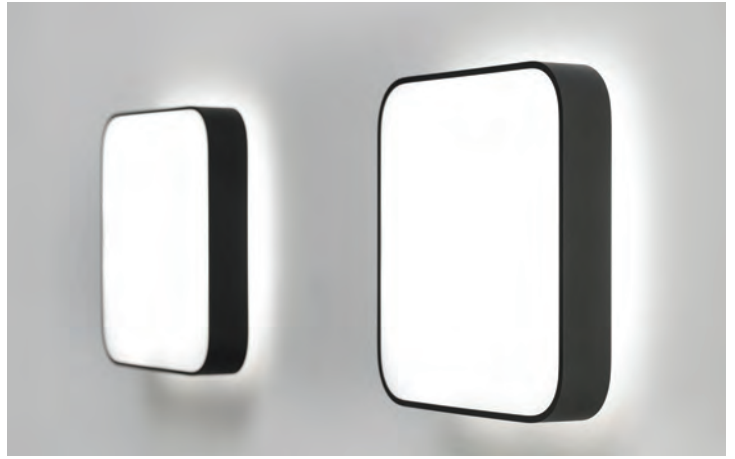
SIGN HALF										PROJECT PICTURE > page 135		230 V	incl.		
	T16/G5		ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€						
					...DD	...D1		STANDARD	DALI / 1-10 V						
	2x 14/24 W		A+ - B ²	100-4212	...DD	...D1									
> T. 377				CE											


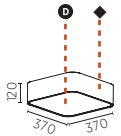

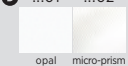
SIGN HALF AURA										PROJECT PICTURE > page 134		230 V	incl.		
	T16/G5		ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€						
					...DD	...D1		STANDARD	DALI / 1-10 V						
	2x 14/24 W		A+ - B ²	06-4212	...DD	...D1									
> T. 377				CE											


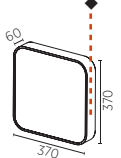

SIGN MASTER 300										PROJECT PICTURE > page 134		230 V	incl.		
	T16/G5		ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€						
					...DD	...D1		STANDARD	DALI / 1-10 V						
	2x 28/54 W		A+ - B ²	100-4612	...DD	...D1									
> T. 377				CE											


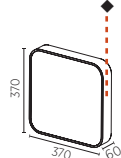

SIGN MASTER 600										PROJECT PICTURE > page 134		230 V	incl.		
	T16/G5		ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€						
					...DD	...D1		STANDARD	DALI / 1-10 V						
	4x 28/54 W		A+ - B ²	100-4512	...DD	...D1									
> T. 377				CE											


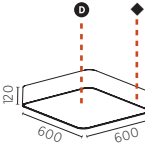


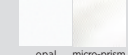
1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



SMOOTHY 370											230 V	LED incl.	incl.	▲	↑
	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	€ DALI / 1-10 V		ORDER-EXAMPLE: ◆ 0 31490- 02 02 black micro-prism		
	3000 K	12 / 1670	> 80	A++ - A ¹	31490	31492	31491	◆	0						
	4000 K	12 / 1730	> 80	A++ - A ¹	31500	31502	31501	◆	0						
	T16-R/2GX13			ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	€ DALI / 1-10 V				
	40 + 22 W			A+ - B ²	31470	31472	31471	◆	0						
	55 W			A+ - B ²	31480	31482		◆	0						
				CE											
										0 ...01 ...02  DIFFUSOR					

SMOOTHY FLAT 370											230 V	incl.	▲	↗
	T16-R/2GX13			ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	€ DALI / 1-10 V			
	40 W			A+ - B ²	31070	31072	31071	◆						
	40 + 22 W			A+ - B ²	31080	31082	31081	◆						
				CE										

SMOOTHY FLAT AURA 370											230 V	incl.	▲	↗
	T16-R/2GX13			ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	€ DALI / 1-10 V			
	40 W			A+ - B ²	31110	31112	31111	◆						
	40 + 22 W			A+ - B ²	31120	31122	31121	◆						
				CE										

SMOOTHY 600											230 V	LED incl.	incl.	▲	↑
	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	€ DALI / 1-10 V				
	3000 K	46 / 6680	> 80	A++ - A ¹	31520	31522		◆	0						
	4000 K	46 / 6920	> 80	A++ - A ¹	31530	31532		◆	0						
	T16/G5			ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	€ DALI / 1-10 V				
	4x 14/24 W			A+ - B ²	31510	31512	31511	◆	0						
				 > T. 377	CE										
										0 ...01 ...02  DIFFUSOR	ORDER-EXAMPLE: ◆ 0 31522- 02 02 black micro-prism				

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.



2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

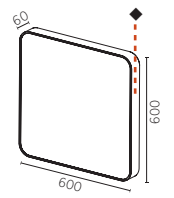
Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur, 01 = silber, 02 = schwarz, 03 = weiß.

SMOOTHY FLAT 600

230 V





T16/G5	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	€	
			A+ - B ²	31100	31102	31101			STANDARD	DALI / 1-10 V
4x 14/24 W							◆			
 > T. 377			CE							

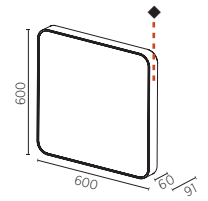


SMOOTHY FLAT AURA 600

230 V





T16/G5	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	€	
			A+ - B ²	31140	31142	31141			STANDARD	DALI / 1-10 V
4x 14/24 W							◆			
 > T. 377			CE							

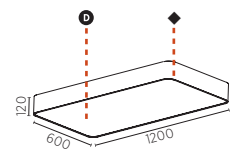


SMOOTHY MASTER

230 V

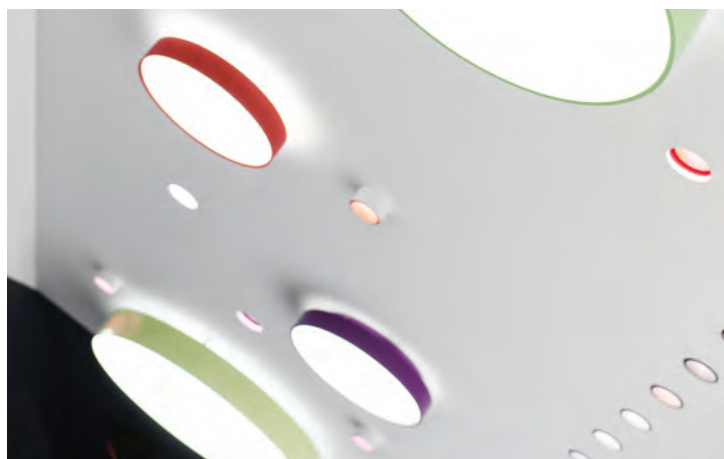





LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	€	
			A++ - A ¹	31550	31552	STANDARD			DALI / 1-10 V	
3000 K	91 / 13360	> 80					◆	D		
4000 K	91 / 13840	> 80					◆	D		
T16/G5	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	€	
4x 28/54 W										
 > T. 377			CE							







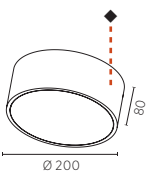
ORDER-EXAMPLE: ◆ D
31540- 02 01
black opal




1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.







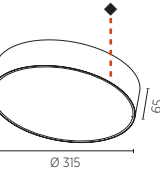
SIGN ROUND 200 PROJECT PICTURE > page 142 230 V   




	TC-DEL/G24Q-2	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€	
								STANDARD	DALI / 1-10 V
	18 W	A - B ²	31290			◆			
			CE						







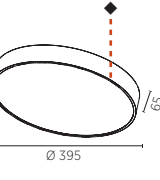
SIGN ROUND 315 PROJECT PICTURE > page 142 230 V   




	T16-R/2GX13	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€	
								STANDARD	DALI / 1-10 V
	22 W	A+ - B ²	310-2180	310-2182	310-2181	◆			
			CE						







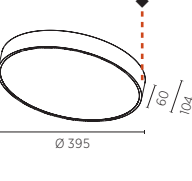
SIGN ROUND 395 PROJECT PICTURE > page 142 230 V   




	T16-R/2GX13	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€	
								STANDARD	DALI / 1-10 V
	40 W	A+ - B ²	310-2190	310-2192	310-2191	◆			
	22 + 40 W	A+ - B ²	310-2200	310-2202	310-2201	◆			
			CE						







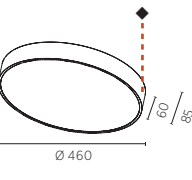
SIGN ROUND AURA 395 230 V   

	T16-R/2GX13	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€	
								STANDARD	DALI / 1-10 V
	40 W	A+ - B ²	31250	31252	31251	◆			
			CE						



SIGN ROUND AURA 460 230 V   

	T16-R/2GX13	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€	
								STANDARD	DALI / 1-10 V
	40 W	A+ - B ²	06-7101	...DD	...D1	◆			
	22 / 40 W	A+ - B ²	06-7102	...DD	...D1	◆			
			CE						



1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.



SUPER SIGN 470 PROJECT PICTURE > page 140, 144 230 V

LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01:25	TECHN. OPTIONS	€	
									STANDARD	DALI / 1-10 V
3000 K	30 / 3800	> 80	A++ - A ¹	310-1980	310-1982		◆	Ⓟ		
4000 K	30 / 3950	> 80	A++ - A ¹	310-1990	310-1992		◆	Ⓟ		
T16-R/2GX13			ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01:25	TECHN. OPTIONS	€	
55 W			A+ - B ²	31580	31582		◆	Ⓟ		

CE

DIFFUSOR: ...01 opal, ...02 micro-prism

ORDER-EXAMPLE: ◆ Ⓟ 31600- 02 01 black opal

SUPER SIGN 650 PROJECT PICTURE > page 140, 144 230 V

LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01:25	TECHN. OPTIONS	€	
									STANDARD	DALI / 1-10 V
3000 K	57 / 6935	> 80	A++ - A ¹	310-1490	310-1492		◆	Ⓟ		
4000 K	57 / 7220	> 80	A++ - A ¹	310-1500	310-1502		◆	Ⓟ		
T16/G5	TC-LEL/2G11		ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01:25	TECHN. OPTIONS	€	
4x 24 W	2x 24 W		A+ - B ²	31710	31712 31711		◆	Ⓟ		

CE

DIFFUSOR: ...01 opal, ...02 micro-prism

ORDER-EXAMPLE: ◆ Ⓟ 310-1490- 02 01 black opal

SUPER SIGN AURA 650 PROJECT PICTURE > page 139, 141, 145-147 230 V

T16/G5	TC-LEL/2G11	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01:25	TECHN. OPTIONS	€	
4x 24 W	2x 24 W	A+ - B ²	31750	31752 31751		◆	☺		

CE

COLOUR-DIFFUSER INDIRECT: ...06 green, ...05 blue, ...04 red, ...03 orange, ...02 yellow, ...01 white

ORDER-EXAMPLE: ◆ ☺ 31750- 02 01 black white

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.

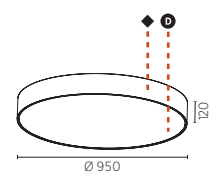
SUPER SIGN 950

PROJECT PICTURE > page 140, 144

230 V



LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO		01-25	TECHN. OPTIONS	€	
					DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V
3000 K	111 / 13505	> 80	A++ - A ¹	310-1510	310-1512		◆	Ⓚ		
4000 K	111 / 14060	> 80	A++ - A ¹	310-1520	310-1522		◆	Ⓚ		
T16/G5	T16/G5	ENERGY LABEL	STANDARD	ART.-NO		01-25	TECHN. OPTIONS	€		
T16/G5	T16/G5			DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V	
4x 14/24 W	4x 21/39 W	A+ - B ²	31720	31722	31721		◆	Ⓚ		
☀ > T. 377			CE							
								...01 ...02 opal micro-prism DIFFUSOR		ORDER-EXAMPLE: ◆ Ⓚ 310-1510- 02 01 black opal



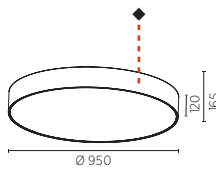
SUPER SIGN AURA 950

PROJECT PICTURE > page 139, 141, 145-147

230 V



T16/G5	T16/G5	ENERGY LABEL	STANDARD	ART.-NO		01-25	TECHN. OPTIONS	€		
T16/G5	T16/G5			DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V	
4x 14/24 W	4x 21/39 W	A+ - B ²	31760	31762	31761		◆	☺		
☀ > T. 377			CE							
								COLOUR-DIFFUSER INDIRECT ...06 ...05 ...04 ...03 ...02 ...01 ☺		ORDER-EXAMPLE: ◆ ☺ 31760- 02 01 black white



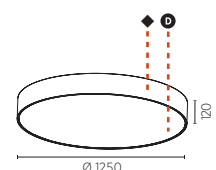
SUPER SIGN 1250

PROJECT PICTURE > page 140, 144

230 V



LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO		01-25	TECHN. OPTIONS	€	
					DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V
3000 K	183 / 22265	> 80	A++ - A ¹	310-1530	310-1532		◆	Ⓚ		
4000 K	183 / 23180	> 80	A++ - A ¹	310-1540	310-1542		◆	Ⓚ		
T16/G5	T16/G5	T16/G5	ENERGY LABEL	STANDARD	ART.-NO		01-25	TECHN. OPTIONS	€	
T16/G5	T16/G5	T16/G5			DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V
2x 14/24 W	4x 21/39 W	4x 28/54 W	A+ - B ²	31730	31732	31731		◆		
☀ > T. 377			CE							
								...01 ...02 opal micro-prism DIFFUSOR		ORDER-EXAMPLE: ◆ Ⓚ 310-1530- 02 01 black opal



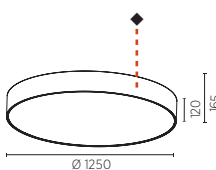
SUPER SIGN AURA 1250

PROJECT PICTURE > page 139, 141, 145-147

230 V



T16/G5	T16/G5	T16/G5	ENERGY LABEL	STANDARD	ART.-NO		01-25	TECHN. OPTIONS	€	
T16/G5	T16/G5	T16/G5			DALI-DIMM	1-10 V-DIMM			STANDARD	DALI / 1-10 V
2x 14/24 W	4x 21/39 W	4x 28/54 W	A+ - B ²	31770	31772	31771		◆	☺	
☀ > T. 377			CE							
								COLOUR-DIFFUSER INDIRECT ...06 ...05 ...04 ...03 ...02 ...01 ☺		ORDER-EXAMPLE: ◆ ☺ 31770- 02 01 black white



1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.



GLORIOUS 750 PROJECT PICTURE > page 127 230 V

	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€ STANDARD DALI / 1-10 V
		3000 K	38 / 4920	> 80	A++ - A'	310-1010	310-1012			
4000 K		38 / 5040	> 80	A++ - A'	310-1020	310-1022				
					CE					

DIFFUSOR: opal, micro-prism

ORDER-EXAMPLE: **310-1010- 02 01**
black opal

GLORIOUS 950 PROJECT PICTURE > page 127 230 V

	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€ STANDARD DALI / 1-10 V
		3000 K	56 / 7380	> 80	A++ - A'	310-1060	310-1062			
4000 K		56 / 7560	> 80	A++ - A'	310-1070	310-1072				
					CE					

DIFFUSOR: opal, micro-prism

ORDER-EXAMPLE: **310-1060- 02 01**
black opal

GLORIOUS 1250 PROJECT PICTURE > page 127 230 V

	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€ STANDARD DALI / 1-10 V
		3000 K	75 / 9840	> 80	A++ - A'	310-1110	310-1112			
4000 K		75 / 10080	> 80	A++ - A'	310-1120	310-1122				
					CE					

DIFFUSOR: opal, micro-prism

ORDER-EXAMPLE: **310-1110- 02 01**
black opal

GLORIOUS 1550 PROJECT PICTURE > page 127 230 V

	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€ STANDARD DALI / 1-10 V
		3000 K	93 / 12300	> 80	A++ - A'	310-1160	310-1162			
4000 K		93 / 12600	> 80	A++ - A'	310-1170	310-1172				
					CE					

DIFFUSOR: opal, micro-prism

ORDER-EXAMPLE: **310-1160- 02 01**
black opal

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.

GLORIOUS 2100

PROJECT PICTURE > page 127

230 V



	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	€		
										STANDARD	DALI / 1-10 V	
	3000 K	131 / 17220	> 80	A++ - A ¹	310-1210	310-1212	◆					
4000 K	131 / 17640	> 80	A++ - A ¹	310-1220	310-1222	◆						
					CE							

GLORIOUS 3100

PROJECT PICTURE > page 127

230 V



	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	€		
										STANDARD	DALI / 1-10 V	
	3000 K	199 / 26240	> 80	A++ - A ¹	310-1260	310-1262	◆					
4000 K	199 / 26880	> 80	A++ - A ¹	310-1270	310-1272	◆						
					CE							

GLORIOUS 4000

PROJECT PICTURE > page 127

230 V



	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	€		
										STANDARD	DALI / 1-10 V	
	3000 K	248 / 32800	> 80	A++ - A ¹	310-1310	310-1312	◆					
4000 K	248 / 33600	> 80	A++ - A ¹	310-1320	310-1322	◆						
					CE							

GLORIOUS 5400

PROJECT PICTURE > page 127

230 V



	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	€		
										STANDARD	DALI / 1-10 V	
	3000 K	348 / 45920	> 80	A++ - A ¹	310-1360	310-1362	◆					
4000 K	348 / 47040	> 80	A++ - A ¹	310-1370	310-1372	◆						
					CE							

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.

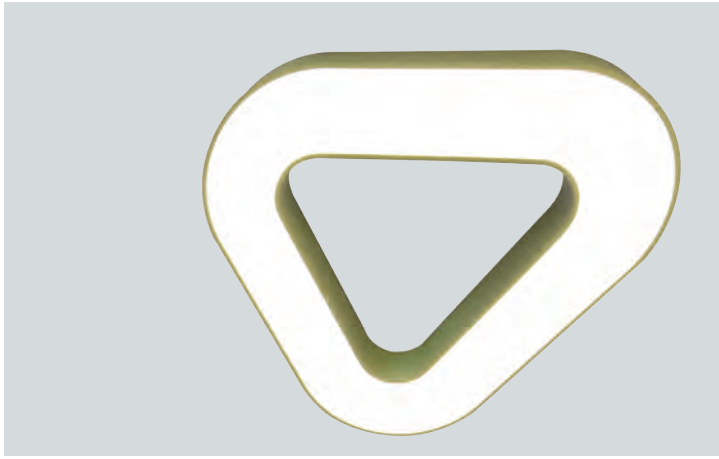


QUANTUM 800											230 V	LED incl.		
	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€ STANDARD	€ DALI / 1-10 V			
	3000 K	50 / 6560	> 80	A++ - A'	310-1780	310-1782								
	4000 K	50 / 6720	> 80	A++ - A'	310-1790	310-1792								
					CE									
												ORDER-EXAMPLE: 310-1780- 02 01 black opal		

QUANTUM 1100											230 V	LED incl.		
	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€ STANDARD	€ DALI / 1-10 V			
	3000 K	75 / 9840	> 80	A++ - A'	310-1830	310-1832								
	4000 K	75 / 10080	> 80	A++ - A'	310-1840	310-1842								
					CE									
												ORDER-EXAMPLE: 310-1830- 02 01 black opal		

QUANTUM 1400											230 V	LED incl.		
	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€ STANDARD	€ DALI / 1-10 V			
	3000 K	100 / 13120	> 80	A++ - A'	310-1880	310-1882								
	4000 K	100 / 13440	> 80	A++ - A'	310-1890	310-1892								
					CE									
												ORDER-EXAMPLE: 310-1880- 02 01 black opal		

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



VICTORY 800 230 V incl.

	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	0/25	TECHN. OPTIONS	€	
										STANDARD	DALI / 1-10 V
	3000 K	38 / 4920	> 80	A++ - A'	310-1630	310-1632		◆	Ⓚ		
	4000 K	38 / 5040	> 80	A++ - A'	310-1640	310-1642		◆	Ⓚ		
					CE						

...01 ...02

opal micro-prism

ORDER-EXAMPLE: ◆ Ⓚ
310-1630- 02 01
black opal

VICTORY 1100 230 V incl.

	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	0/25	TECHN. OPTIONS	€	
										STANDARD	DALI / 1-10 V
	3000 K	56 / 7380	> 80	A++ - A'	310-1680	310-1682		◆	Ⓚ		
	4000 K	56 / 7560	> 80	A++ - A'	310-1690	310-1692		◆	Ⓚ		
					CE						

...01 ...02

opal micro-prism

ORDER-EXAMPLE: ◆ Ⓚ
310-1680- 02 01
black opal

VICTORY 1400 230 V incl.

	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	0/25	TECHN. OPTIONS	€	
										STANDARD	DALI / 1-10 V
	3000 K	75 / 9840	> 80	A++ - A'	310-1730	310-1732		◆	Ⓚ		
	4000 K	75 / 10080	> 80	A++ - A'	310-1740	310-1742		◆	Ⓚ		
					CE						

...01 ...02

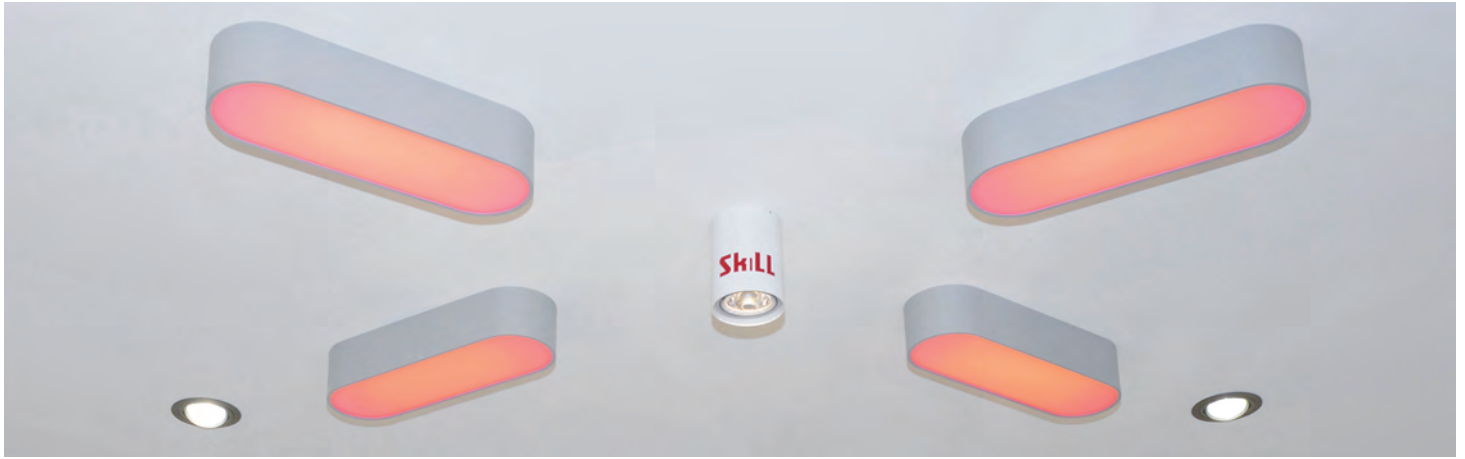
opal micro-prism


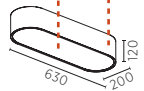


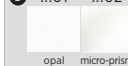
ORDER-EXAMPLE: ◆ Ⓚ
310-1730- 02 01
black opal


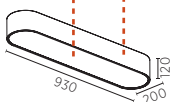



1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.


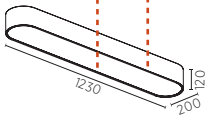


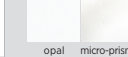
2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.


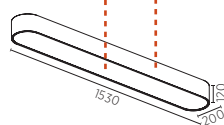


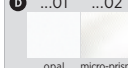
Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.



SMOOTHLINE 630										PROJECT PICTURE > page 144		230 V		LED incl.	incl.	▲	↑	
	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	€ STANDARD	DALI / 1-10 V							
	3000 K	18 / 2190	> 80	A++ - A ¹	310-1410	310-1412	◆		D									
	4000 K	18 / 2280	> 80	A++ - A ¹	310-1420	310-1422	◆		D									
	T16/G5	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	€ STANDARD	DALI / 1-10 V									
2x 14/24 W			A+ - B ²	31910	31912	31911	◆	D										
 > T. 377				CE							D ...01 ...02  DIFFUSOR		ORDER-EXAMPLE: ◆ D 310-1410- 02 01 black opal					

SMOOTHLINE 930										PROJECT PICTURE > page 144		230 V		LED incl.	incl.	▲	↑
	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	€ STANDARD	DALI / 1-10 V						
	3000 K	27 / 3285	> 80	A++ - A ¹	310-1430	310-1432	◆		D								
	4000 K	27 / 3420	> 80	A++ - A ¹	310-1440	310-1442	◆		D								
	T16/G5	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	€ STANDARD	DALI / 1-10 V								
2x 21/39 W			A+ - B ²	31920	31922	31921	◆	D									
 > T. 377				CE							D ...01 ...02  DIFFUSOR		ORDER-EXAMPLE: ◆ D 310-1430- 02 01 black opal				

SMOOTHLINE 1230										PROJECT PICTURE > page 144		230 V		LED incl.	incl.	▲	↑
	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	€ STANDARD	DALI / 1-10 V						
	3000 K	36 / 4380	> 80	A++ - A ¹	310-1450	310-1452	◆		D								
	4000 K	36 / 4560	> 80	A++ - A ¹	310-1460	310-1462	◆		D								
	T16/G5	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	€ STANDARD	DALI / 1-10 V								
2x 28/54 W			A+ - B ²	31930	31932	31931	◆	D									
 > T. 377				CE							D ...01 ...02  DIFFUSOR		ORDER-EXAMPLE: ◆ D 310-1450- 02 01 black opal				

SMOOTHLINE 1530										PROJECT PICTURE > page 144		230 V		LED incl.	incl.	▲	↑
	LED	W / LUMEN	CRI	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	€ STANDARD	DALI / 1-10 V						
	3000 K	45 / 5475	> 80	A++ - A ¹	310-1470	310-1472	◆		D								
	4000 K	45 / 5700	> 80	A++ - A ¹	310-1480	310-1482	◆		D								
	T16/G5	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	€ STANDARD	DALI / 1-10 V								
2x 35/49 W			A+ - B ²	31940	31942	31941	◆	D									
2 x 80 W			A+ - B ²	31950			◆	D									
 > T. 377				CE							D ...01 ...02  DIFFUSOR		ORDER-EXAMPLE: ◆ D 310-1470- 02 01 black opal				

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.

2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



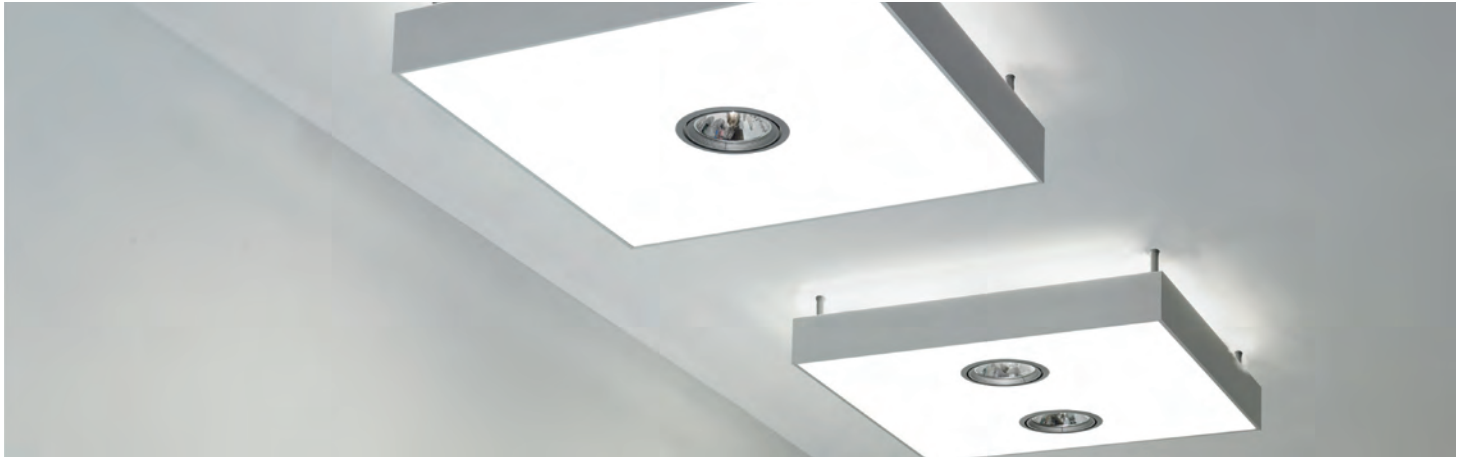
PI-QUADRAT PLUS		PROJECT PICTURE > page 130		230 V		incl.		360°		± 40°			
T16-R/2GX13	QR-111/G53	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	00-25	01-25	TECHN. OPTIONS	STANDARD	€ DALI / 1-10 V			
40 W	50 W	A+ - C ²	100-370754	...DD		◆	●						
											CE 0.5m		

PI-QUADRAT PLUS AURA		PROJECT PICTURE > page 131		230 V		incl.		360°		± 40°			
T16-R/2GX13	QR-111/G53	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	00-25	01-25	TECHN. OPTIONS	STANDARD	€ DALI / 1-10 V			
40 W	50 W	A+ - C ²	06-370754	...DD		◆	●						
											CE 0.5m		

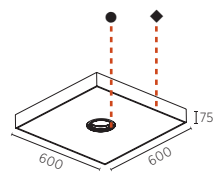
1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

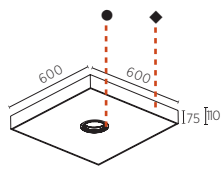
Zur Farbauswahl der markierten Leuchtenbereiche (◆ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.



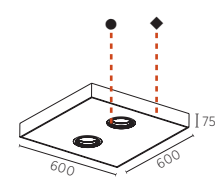
SIGN CENTER 1										230 V	incl.	360°	± 40°		
T16/G5	QR-111/G53	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	00-25	01-25	TECHN. OPTIONS	STANDARD	€					
4x 14/24 W	50 W	A+ - C ²	100-6102	...DD		◆	●								
> T. 377			0.5m												



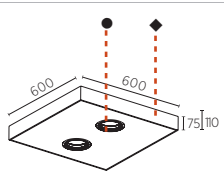
SIGN CENTER 1 AURA										230 V	incl.	360°	± 40°		
T16/G5	QR-111/G53	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	00-25	01-25	TECHN. OPTIONS	STANDARD	€					
4x 14/24 W	50 W	A+ - C ²	06-6501	...DD	...D1	◆	●								
> T. 377			0.5m		dimmable: T16 only										



SIGN CENTER 2										230 V	incl.	360°	± 40°		
T16/G5	QR-111/G53	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	00-25	01-25	TECHN. OPTIONS	STANDARD	€					
4x 14/24 W	2 x 35 W	A+ - C ²	100-6103	...DD		◆	●								
> T. 377			0.5m												



SIGN CENTER 2 AURA										230 V	incl.	360°	± 40°		
T16/G5	QR-111/G53	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	00-25	01-25	TECHN. OPTIONS	STANDARD	€					
4x 14/24 W	2 x 35 W	A+ - C ²	06-6201	...DD	...D1	◆	●								
> T. 377			0.5m		nur T16 dimmbar dimmable: T16 only										



1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



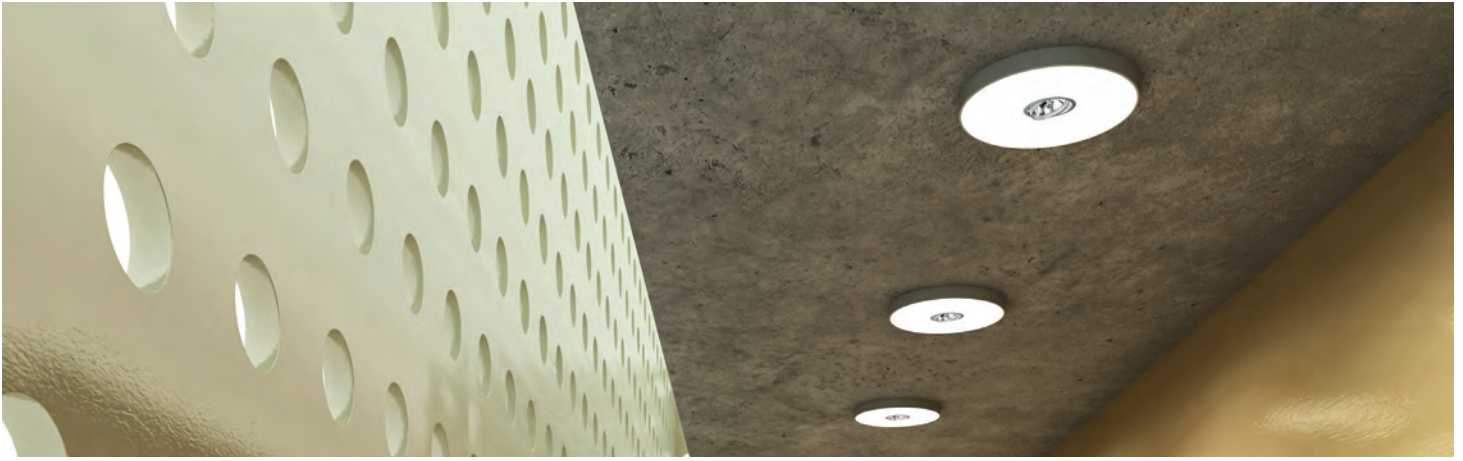
SIGN HALF CENTER 2		PROJECT PICTURE > page 136				230 V		incl.		360°		± 40°				
T16/G5	QR-111/G53	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	00-25	01-25	TECHN. OPTIONS	STANDARD	€	DALI / 1-10 V					
2x 14/24 W	2 x 35 W	A+ - C ²	100-6101	...DD		◆	●									
> T. 377		CE 0.5m														

SIGN HALF CENTER 2 AURA		PROJECT PICTURE > page 136				230 V		incl.		360°		± 40°				
T16/G5	QR-111/G53	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	00-25	01-25	TECHN. OPTIONS	STANDARD	€	DALI / 1-10 V					
2x 14/24 W	2 x 35 W	A+ - C ²	06-6401	...DD	...D1	◆	●									
> T. 377		CE 0.5m				dimmmable: T16 only										

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.



SIGN ROUND CENTER		PROJECT PICTURE > page 143							230 V	incl.	360°	± 40°			
T16-R/2GX13	QR-111/G53	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	STANDARD	€ DALI / 1-10 V					
40 W	50 W	A+ - C ²	310-2210	310-2212		◆	●								
						CE		D+I 0.5m							

SIGN ROUND CENTER AURA		PROJECT PICTURE > page 143							230 V	incl.	360°	± 40°			
T16-R/2GX13	QR-111/G53	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	01-25	TECHN. OPTIONS	STANDARD	€ DALI / 1-10 V					
40 W	50 W	A+ - C ²	06-7103	...DD		◆	●								
						CE		D+I 0.5m							

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



CROSS OVER 75								230 V		incl.		360°		± 40°						
T16-R/2GX13	QR-111/G53		ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	DALI / 1-10 V										
40 W	50 W		A+ - C ²	06-7115	...DD		●													
				CE				D+I 0.5m												

CROSS OVER 150								230 V		incl.		360°		± 40°						
T16-R/2GX13	QR-111/G53	HIR 111-CE/GX8.5	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	01-25	TECHN. OPTIONS	STANDARD	DALI / 1-10 V										
40 W		35 W	A+ - B ²	06-7119	...DD	...D1	●													
40 W	50 W		A+ - C ²	06-7117	...DD		●													
				CE				D+I 0.5m												

1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.








2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

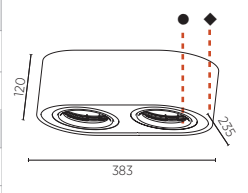
Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.





2INLOVE

230 V  incl.  incl.  360°  ± 40°   

	LED	W/LUMEN	CRI	 QR-III/G53	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	 01-25	 01-25	TECHN. OPTIONS	€ STANDARD	€ DALI / 1-10 V
		3000 K	13/1640	> 80	2x 50 W	A++ - A ¹	310-1960	310-1962		◆	●		
	4000 K	13/1680	> 80	2x 50 W	A++ - A ¹	310-1970	310-1972		◆	●			
	TC-LEL/2G11			 QR-III/G53	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	 01-25	 01-25	TECHN. OPTIONS	€ STANDARD	€ DALI / 1-10 V
	24 W			2x 50 W	A++ - C ²	310-1950	310-1952		◆	●			



CE  0.5m 

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.
 T. 196 Please complete the article number for the marked lamp sections (◆●●) with the corresponding codes from the colour table on the inside of back cover. The most popular colour codes are: 00 = aluminium nature; 01 = silver; 02 = black; 03 = white.



SPEED WALL DIFFUSOR

L MM	TC-LEL/2G11	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	00-25 00-25	TECHN. OPTIONS	€	
								STANDARD	DALI / 1-10 V
475	2x 36 W	A++ - B ²	30236	...DD	...D1	◆ ▲			
605	2x 55 W	A++ - B ²	30255	...DD	...D1	◆ ▲			
							CE		

230 V

SPEED WALL MICROPRISM

L MM	TC-LEL/2G11	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	00-25 00-25	TECHN. OPTIONS	€	
								STANDARD	DALI / 1-10 V
475	2x 36 W	A++ - B ²	302366	...DD	...D1	◆ ▲			
605	2x 55 W	A++ - B ²	302556	...DD	...D1	◆ ▲			
							CE		

230 V

SPEED WALL UPLIGHT

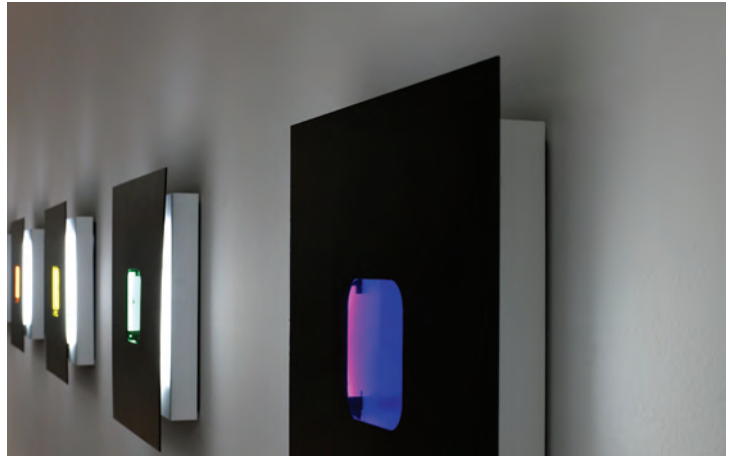
L MM	TC-LEL/2G11	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	00-25 00-25	TECHN. OPTIONS	€	
								STANDARD	DALI / 1-10 V
475	2x 36 W	A++ - B ²	302367	...DD	...D1	◆ ▲			
605	2x 55 W	A++ - B ²	302557	...DD	...D1	◆ ▲			
							CE		




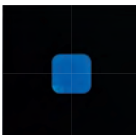

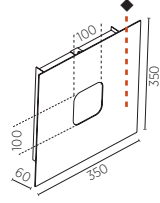







230 V






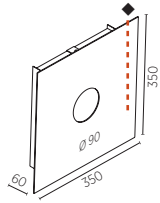







1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.



O ⁴		230 V   									
	T16-R/2GX13		ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	 01-25	TECHN. OPTIONS	€ STANDARD DALI / 1-10 V		
	22 W			A+ - B ²	31010	31012	31011	◆			
			CE								
KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES			L x B MM	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€ STANDARD DALI / 1-10 V		
	FARBABDECKUNG COLOUR DIFFUSER		100 x 100		31030-02						
			100 x 100		31030-03						
			100 x 100		31030-04						
			100 x 100		31030-05						
			100 x 100		31030-06						

O ⁴ CIRCO		PROJECT PICTURE > page 128										230 V   	
	T16-R/2GX13		ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	 01-25	TECHN. OPTIONS	€ STANDARD DALI / 1-10 V				
	22 W			A+ - B ²	31020	31022	31021	◆					
			CE										
KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES			L x B MM	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€ STANDARD DALI / 1-10 V				
	FARBABDECKUNG COLOUR DIFFUSER		100 x 100		31030-02								
			100 x 100		31030-03								
			100 x 100		31030-04								
			100 x 100		31030-05								
			100 x 100		31030-06								

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.

2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



DICE WALL 100										PROJECT PICTURE > page 121-126		230 V	
	QT14/G9		ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	OP:25	TECHN. OPTIONS	€				
	60 W		A++ - E ²	55-103			◆		STANDARD	DALI / 1-10 V			
KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES			L x B MM	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	OP:25	DIFF.	TECHN. OPTIONS	€			
	COLOUR INSERTS	100 x 100	55-100S 55-100T 55-100Y 55-100R 55-100G 55-100B 55-100O				◆			STANDARD	DALI / 1-10 V		
	SLIT INSERTS	100 x 100	55-100L										
	SLIT INSERTS 2	100 x 100	55-101L										

DICE WALL 120										PROJECT PICTURE > page 121-126		230 V	
	LED	W / LUMEN	ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	OP:25	TECHN. OPTIONS	€				
	3000 K	6,1 / 620	A++ - A ¹	31968			◆		STANDARD	DALI / 1-10 V			
	4000 K	6,1 / 660	A++ - A ¹	31969			◆						
		60 W	A++ - E ²	55-104			◆						
KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES			L x B MM	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM	OP:25	DIFF.	TECHN. OPTIONS	€			
	COLOUR INSERTS	120 x 120	55-120S 55-120T 55-120Y 55-120R 55-120G 55-120B 55-120O				◆			STANDARD	DALI / 1-10 V		
	SLIT INSERTS	120 x 120	55-120L										
	SLIT INSERTS 2	120 x 120	55-121L										

1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



BOSS DRUM 1										230 V		
	QT14/G9		ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€			
	60 W		A++ - E ²		55-305		◆		STANDARD	DALI / 1-10 V		
				CE								

BOSS DRUM 2										230 V		
PROJECT PICTURE > page 120												
	QT14/G9		ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€			
	60 W		A++ - E ²		55-307		◆		STANDARD	DALI / 1-10 V		
				CE								

BOSS DRUM 3										230 V		
	QT14/G9		ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€			
	60 W		A++ - E ²		55-309		◆		STANDARD	DALI / 1-10 V		
				CE								

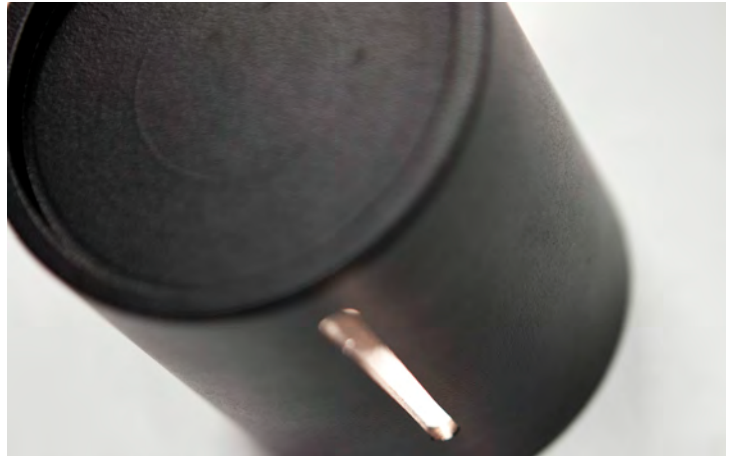
BOSS DRUM 4										230 V		
	QT14/G9		ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€			
	60 W		A++ - E ²		55-311		◆		STANDARD	DALI / 1-10 V		
				CE								

KANN-ZUBEHÖR / CAN-HAVE ACCESSORIES		Ø MM	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM		TECHN. OPTIONS	€		
	COLOUR INSERTS farbiges Sicherheitsglas für Frontabdeckung coloured safety glass for front cover	110	25-833R							
			25-833G							
			25-833B							

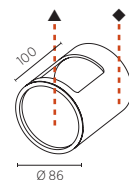
1 MIT LED: Diese Leuchte enthält eingebaute LED-Lampen. Die eingebauten LED-Lampen entsprechen den oben angeführten Energieklassen. Die Lampen können in der Leuchte nicht ausgetauscht werden.

2 OHNE LED: Diese Leuchte ist geeignet für Leuchtmittel der oben angeführten Energieklassen.

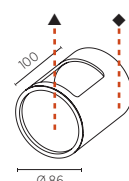
Zur Farbauswahl der markierten Leuchtenbereiche (◆ ▲ ●) vervollständigen Sie die Art.Nr. mit den entspr. Codes aus der Farbtabelle auf der hinteren Umschlag-Innenseite. Die häufigsten Farbcodes lauten: 00 = alu natur; 01 = silber; 02 = schwarz; 03 = weiß.



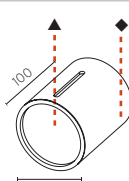
BOSS DRUM 1 FULL										230 V		
	QT14/G9		ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM			TECHN. OPTIONS	€		
			A++ - E ²				01-25	01-25		STANDARD	DALI / 1-10 V	
	60 W				55-304		◆	▲				
				CE								



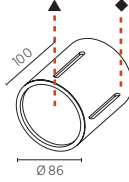
BOSS DRUM 2 FULL										230 V		
	QT14/G9		ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM			TECHN. OPTIONS	€		
			A++ - E ²				01-25	01-25		STANDARD	DALI / 1-10 V	
	60 W				55-306		◆	▲				
				CE								



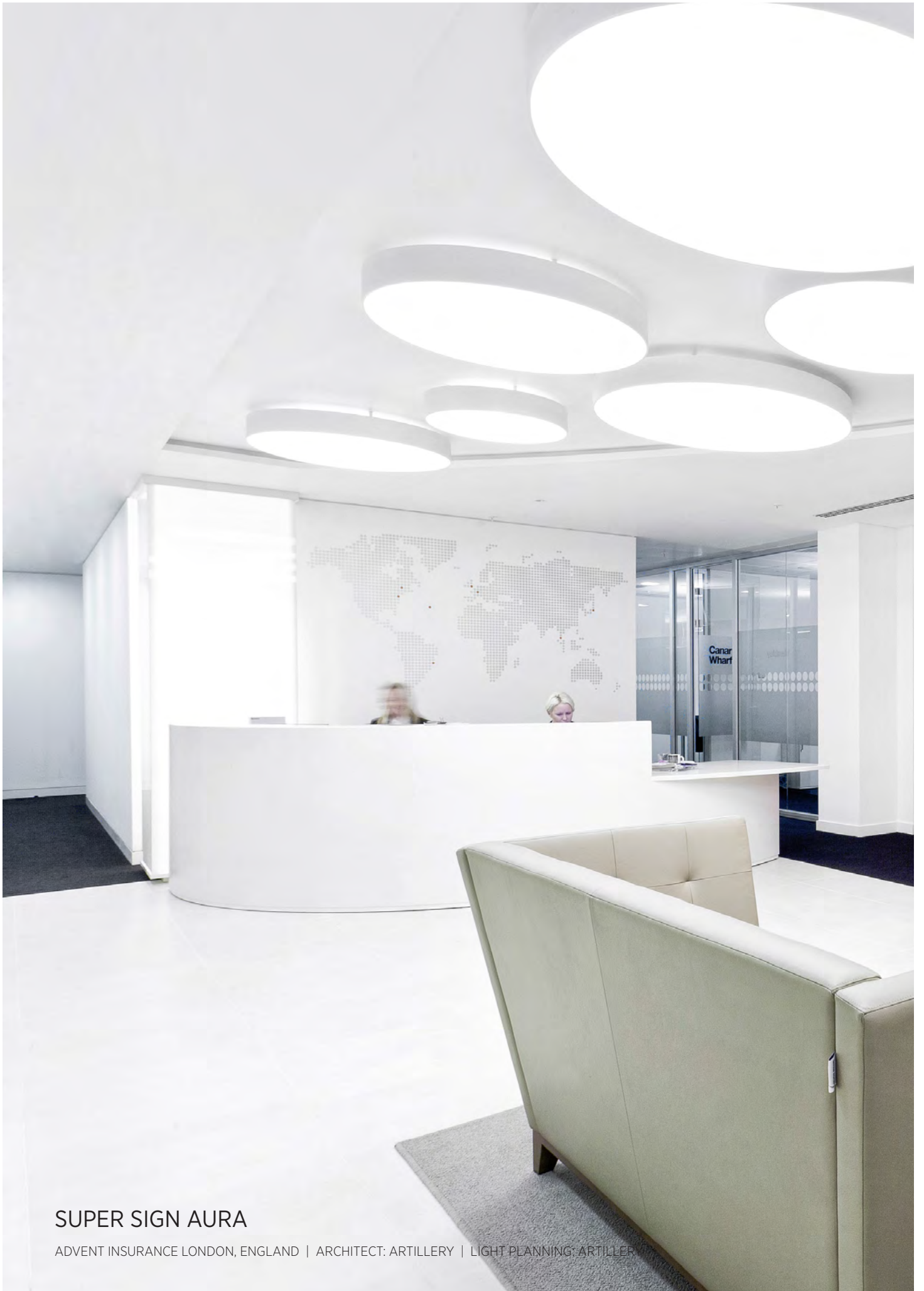
BOSS DRUM 3 FULL										230 V		
	QT14/G9		ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM			TECHN. OPTIONS	€		
			A++ - E ²				01-25	01-25		STANDARD	DALI / 1-10 V	
	60 W				55-308		◆	▲				
				CE								



BOSS DRUM 4 FULL										230 V		
	QT14/G9		ENERGY LABEL	STANDARD	ART.-NO DALI-DIMM	1-10 V-DIMM			TECHN. OPTIONS	€		
			A++ - E ²				01-25	01-25		STANDARD	DALI / 1-10 V	
	60 W				55-310		◆	▲				
				CE								



1 WITH LED: This luminaire contains built-in LED lamps. The built-in LEDs are classified for the above mentioned energy labels. The lamps cannot be changed in the luminaire.
 2 WITHOUT LED: This luminaire can be used with illuminants classified for the above mentioned energy labels.



SUPER SIGN AURA

ADVENT INSURANCE LONDON, ENGLAND | ARCHITECT: ARTILLERY | LIGHT PLANNING: ARTILLERY