



SIDELITE[®] ECO
KALEEA
PARLEDO[®]

RECESSED & LAY-IN LUMINAIRES



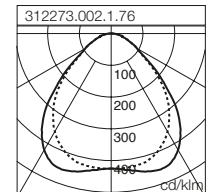
SIDELITE® ECO / SIDELITE® ECO CYANOSIS

Recessed ceiling luminaires, Lay-in luminaires

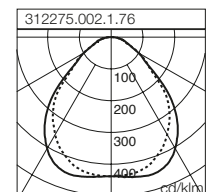
- Extremely cost efficient luminaires with advanced LED technology, available as ceiling, wall, recessed or suspended lighting solutions for interiors
- High number of variants within the luminaire series
- Diffuser plastic (PMMA) microprismatic: ideal for office areas (UGR ≤ 19) and environments with computer screens in accordance with EN 12464-1
- Lightguide and diffuser made of non-yellowing PMMA with microprismatic
- RZB SIDELITE® technology: lateral light injection for extremely homogeneous light distribution
- SIDELITE ECO CYANOSIS :
COI < 3.0
(only applicable to 4000K models)

- **MultiLumen:** 4 steps adjustable luminous flux
- Luminous efficiency of up to 128 lm/W
- LED rated life 50,000 h (L80/B10)
- Colour consistency within 3-steps MacAdam (3 SDCM)
- Flicker < 5%
- External driver with simple plug-in locking system and extended connecting cable up to 1,90 m
- DALI versions also dimmable via TouchDIM
- Suitable for use in the food and drink industry
- Tunable white versions dynamically adjustable from 2700 K to 6500 K
- Ideal for use as part of a Human Centric Lighting concept
- Versions with Casambi smart+free Bluetooth® control for wireless network and operation using Android / iOS devices, free app available for download

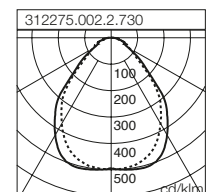
312273.002.1.76		
Floor 12 x 2,5 x 3m (0,2m)		
100 lx	150 lx	200 lx
2	3	4
Room 6 x 4 x 3 m (0,75 m)		
200 lx	300 lx	500 lx
3	4	6



312275.002.1.76		
Floor 12 x 2,5 x 3m (0,2m)		
100 lx	150 lx	200 lx
2	3	4
Room 6 x 4 x 3 m (0,75 m)		
200 lx	300 lx	500 lx
3	4	6



312275.002.2.730		
Floor 12 x 2,5 x 3m (0,2m)		
100 lx	150 lx	200 lx
3	4	5
Room 6 x 4 x 3 m (0,75 m)		
200 lx	300 lx	500 lx
3	5	8



An Overview of Cyanosis

Cyanosis is a pathologic condition referring to a bluish discoloration of the skin or mucous membrane. This condition indicates that the tissue near the skin or membrane has low saturation levels of oxygen. Hence, it becomes a priority for hospitals to have medical staff that are able to detect cyanosis through clinical observation.

To ensure cyanosis is correctly detected, the lighting in all clinical observation areas must meet standards and be of the highest quality. This is due to cyanosis being a visual cue of a medical symptom based on observable colour, lighting conditions and light quality which all play a significant part in its visual detection. For cyanosis observation, medical lighting should have an appropriate power output in the red part of the visible spectrum. If the output is too low, a patient's skin colour may appear darker and he/she may be diagnosed as cyanosed when this is not the case.

Reliable Detection of Cyanosis

Australia and New Zealand use the Cyanosis Observation Index (COI) where the interior lighting standards define the parameters of the COI for hospitals and medical facilities.

To be considered – 'Cyanosis Compliant' a medical examination light requires the following technical specifications:

- COI of 3.3 or Less – the lower the better
- A Correlated Colour Temperature (CCT) of between 3300K and 5300K
- A Colour Rendering Index (CRI) of >80

(AS/NZS 1680.2.5:2018 – Section 7 Light Source Colour)



Lay-in luminaires | Sidelite ECO

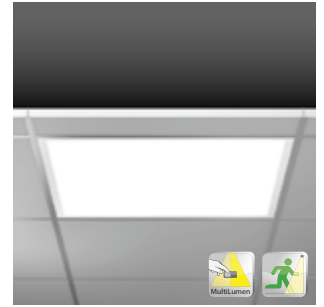
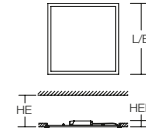
Type of Protection: IP 20, **IP 40** on room side
 Protection Class: II
 Impact Protection: IK03

Frame: aluminium, powder-coated. Diffuser made of non-yellowing plastic, opal or microprismatic (Suitable for use in environments with computer screens in accordance with EN 12464-1). Lightguide and diffuser made of non-yellowing plastic (PMMA). Lateral light emission thanks to LED. Extended connection cable (1.90 m). External driver. DALI variants suitable for through wiring as standard.

Available colour: 2 = white

MultiLumen version: 4 steps adjustable luminous flux. Factory-set to lowest luminous flux.

Versions with Casambi smart+free Bluetooth® control for wireless network and operation using Android / iOS devices, free app available for download.



Reference number	Dimensions [mm]	Lamp	Light colour	Luminous flux [lm]	System power [W]	UGR	dimmable
Lay-in luminaires for grid ceilings - Module 300							
Diffuser plastic (PMMA) microprismatic							
312380.002.3MAL	L 595, B 295, HE 160, HEL 37	LED	830	2050	19	19,0	on/off
312380.002.3.76MAL	L 595, B 295, HE 160, HEL 37	LED	830	2050	19	19,0	DALI
312380.002.4MAL	L 595, B 295, HE 160, HEL 38	LED	840	2150	19	19,0	on/off
312380.002.4.76MAL	L 595, B 295, HE 160, HEL 38	LED	840	2150	19	19,0	DALI
Lay-in luminaires for grid ceilings - Module 600							
Diffuser: plastic (PMMA), opal							
312272.002.790 *	L 595, B 595, HE 160, HEL 37	LED	830	3400...4300	29...38	21,5...22,3	on/off
312272.002.76	L 595, B 595, HE 160, HEL 38	LED	830	3200	29	21,3	DALI
312272.002.1.790 *	L 595, B 595, HE 160, HEL 37	LED	840	3700...4600	29...38	21,8...22,6	on/off
312272.002.1.76	L 595, B 595, HE 160, HEL 38	LED	840	3700	29	21,8	DALI
312272.002.5.76	L 595, B 595, HE 160, HEL 38	LED	830	3950	35	22,0	DALI
312272.002.6.76	L 595, B 595, HE 160, HEL 38	LED	840	4250	35	22,3	DALI
Tunable White - 2700 K to 6500 K							
312272.002.2.730 **	L 595, B 595, HE 160, HEL 62	LED	827-865	2750	30	20,4	smart+free
Diffuser plastic (PMMA) microprismatic							
312273.002.790 *	L 595, B 595, HE 160, HEL 37	LED	830	3400...4300	29...38	17,9...18,7	on/off
312273.002.76	L 595, B 595, HE 160, HEL 38	LED	830	3350	29	18,2	DALI
312273.002.1.790 *	L 595, B 595, HE 160, HEL 37	LED	840	3700...4600	29...38	18,2...18,9	on/off
312273.002.1.76	L 595, B 595, HE 160, HEL 38	LED	840	3700	29	18,4	DALI
312273.002.5.76	L 595, B 595, HE 160, HEL 38	LED	830	3950	35	18,4	DALI
312273.002.6.76	L 595, B 595, HE 160, HEL 38	LED	840	4250	35	18,6	DALI
Tunable White - 2700 K to 6500 K							
312273.002.2.730 **	L 595, B 595, HE 160, HEL 62	LED	827-865	2700	31	17,3	smart+free
Lay-in luminaires for grid ceilings - Module 1200							
Diffuser: plastic (PMMA), opal							
312365.002.790 *	L 1195, B 295, HE 160, HEL 37	LED	830	3200...4000	29...38	21,1...21,8	on/off
312365.002.76	L 1195, B 295, HE 160, HEL 38	LED	830	3300	29	21,6	DALI
312365.002.1.790 *	L 1195, B 295, HE 160, HEL 37	LED	840	3500...4400	29...38	21,4...22,2	on/off
312365.002.1.76	L 1195, B 295, HE 160, HEL 38	LED	840	3550	29	21,9	DALI
312365.002.5.76	L 1195, B 295, HE 160, HEL 38	LED	830	3700	35	21,6	DALI
312365.002.6.76	L 1195, B 295, HE 160, HEL 38	LED	840	4050	35	21,9	DALI
Diffuser plastic (PMMA) microprismatic							
312366.002.790 *	L 1195, B 295, HE 160, HEL 37	LED	830	3200...4000	29...38	18,0...18,8	on/off
312366.002.76	L 1195, B 295, HE 160, HEL 38	LED	830	3200	29	18,4	DALI
312366.002.1.790 *	L 1195, B 295, HE 160, HEL 37	LED	840	3500...4400	29...38	18,3...19,1	on/off
312366.002.1.76	L 1195, B 295, HE 160, HEL 38	LED	840	3450	29	18,6	DALI
312366.002.5.76	L 1195, B 295, HE 160, HEL 38	LED	830	3700	35	18,5	DALI
312366.002.6.76	L 1195, B 295, HE 160, HEL 38	LED	840	4050	35	18,8	DALI

* **MultiLumen version:** Specification of the lowest and highest possible lumen output. You will find more detailed information on www.rzb-lighting.com.
 ** 0.35 m power cable

Comparison LED vs. conventional lamps

LED 29 / 30 / 31 W ≈
 4 x 14 W T16 (68 W Psys)

LED 35 W ≈
 3 x 21 W T16 (69 W Psys)

LED 38 W ≈
 4 x 21 W T16 (90 W Psys)

MultiLumen: Adjustable luminous flux

31227X.002.790 / 31227X.002.1.790			
Step	Luminous flux [lm]	Luminous flux [lm]	System power [W]
	3000 K	4000 K	
1	3400	3700	29
2	3750	4050	33
3	3950	4250	35
4	4300	4600	38

MultiLumen: Adjustable luminous flux

31236X.002.790 / 31236X.002.1.790			
Step	Luminous flux [lm]	Luminous flux [lm]	System power [W]
	3000 K	4000 K	
1	3200	3500	29
2	3500	3850	33
3	3700	4050	35
4	4000	4400	38

Lay-in luminaires | Sidelite ECO Cyanosis

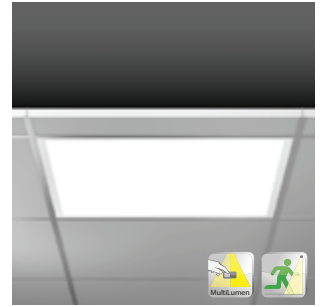
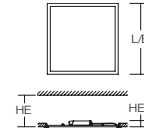
Type of Protection: IP 20, **IP 40** on room side
 Protection Class: II
 Impact Protection: IK03
 Cyanosis Observation Index (COI) < 3.0 (only applicable to 4000K)

Frame: aluminium, powder-coated. Diffuser made of non-yellowing plastic microprismatic (Suitable for use in environments with computer screens in accordance with EN 12464-1). Lightguide and diffuser made of non-yellowing plastic (PMMA). Lateral light emission thanks to LED. Extended connection cable (1.90 m). External driver. DALI variants suitable for through wiring as standard.

Available colour: 2 = white

MultiLumen version: 4 steps adjustable luminous flux. Factory-set to lowest luminous flux.

Versions with Casambi smart+free Bluetooth® control for wireless network and operation using Android / iOS devices, free app available for download.



Reference number	Dimensions [mm]	Lamp	Light colour	Luminous flux [lm]	System power [W]	UGR	dimmi-able
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Lay-in luminaires for grid ceilings - Module 300
Diffuser plastic (PMMA) microprismatic

312380.002.3MAL.CRI90	L 595, B 295, HE 160, HEL 37	LED	930	1800	19	19,0	on/off
312380.002.3.76MAL.CRI90	L 595, B 295, HE 160, HEL 37	LED	930	1800	19	19,0	DALI
312380.002.4MAL.CRI90 **	L 595, B 295, HE 160, HEL 38	LED	940	1900	19	19,0	on/off
312380.002.4.76MAL.CRI90 **	L 595, B 295, HE 160, HEL 38	LED	940	1900	19	19,0	DALI

Lay-in luminaires for grid ceilings - Module 600
Diffuser plastic (PMMA) microprismatic

312273.002.790MAL.CRI90 *	L 595, B 595, HE 160, HEL 37	LED	930	2650...3600	29...38	19,0	on/off
312273.002.76MAL.CRI90	L 595, B 595, HE 160, HEL 37	LED	930	2650	29	19,0	DALI
312273.002.1.790MAL.CRI90 **	L 595, B 595, HE 160, HEL 38	LED	940	2850...3850	29...38	19,0	on/off
312273.002.1.76MAL.CRI90 **	L 595, B 595, HE 160, HEL 38	LED	940	2850	29	19,0	DALI

Lay-in luminaires for grid ceilings - Module 1200
Diffuser plastic (PMMA) microprismatic

312366.002.790MAL.CRI90 *	L 1195, B 295, HE 160, HEL 37	LED	930	2500...3350	29...38	19,0	on/off
312366.002.76MAL.CRI90	L 1195, B 295, HE 160, HEL 37	LED	930	2500	29	19,0	DALI
312366.002.1.790MAL.CRI90 **	L 1195, B 295, HE 160, HEL 38	LED	940	2600...3550	29...38	19,0	on/off
312366.002.1.76MAL.CRI90 **	L 1195, B 295, HE 160, HEL 38	LED	940	2600	29	19,0	DALI

* **MultiLumen version:** Specification of the lowest and highest possible lumen output.

** **Cyanosis version:** COI < 3.0 only applicable to models with 4000K.



Accessories | Recessed mounting frame

Recessed mounting frame: sheet steel, powder-coated, white. For installation on suspended ceilings. Minimum recess depth: 300 mm. Ceiling thickness: 1-30 mm

Mounting frame for installation in suspended ceilings

981941.012	L 624, B 624, H 2, HE 94	for module 600
982106.012	L 1224, B 324, H 2, HE 94	for module 1200



Accessories | Surface mounting frame

Mounting frame: sheet steel, powder-coated, white.

Surface mounting frame

982187.032	L 602, B 602, H 52	for module 600
982190.042	L 1202, B 302, H 47	for module 1200



Ceiling surface mounting kit

981980.012	consisting of 4 cylindrical spacers (Ø 30, H 38) for module 600 / 1200
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not suitable for tunable white version



Accessories | Pendant kit

Pendant kit consisting of 4 steel cables and ceiling mounting with rapid cable adjustment

Pendant kit

981978.010	LP 1500	for module 600
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not suitable for tunable white version



Pendant kit

982035.022	L 300, B 100, H 50, LP 300-1500	Y-pendant set with canopy for module 1200
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Accessories | Through-wiring box

Pluggable converter add-on with 5 pins. Cable cross-sections of up to 5 x 1.5 mm² or 3 x 2.5 mm² possible. Pre-installed 150-mm-long connecting cable with open cable ends for easy connection to the converter.

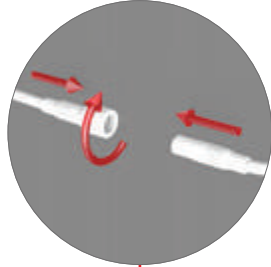
Through-wiring box DALI

982703.002	L 98, B 55, H 28
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KALEEA

Everything at a glance



External driver with simple plug-in locking system

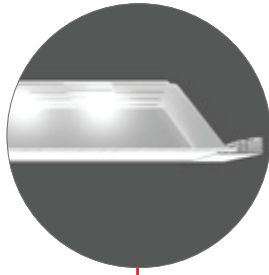


Luminaire frame: aluminium, powder-coated

MultiLumen version:

The user can choose from four different luminous flux levels. This can be reversibly set manually on the external control gear.





LED backlight technology for homogeneous illumination of the entire light-emitting surface

Diffusor made of non-yellowing PMMA, microprismatic

Ideal for office areas ($UGR \leq 19$) and environments with computer screens in accordance with DIN EN 12464-1





KALEEA / KALEEA CYANOSIS

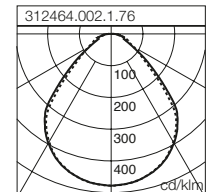
Lay-in luminaires

- Range of high-efficiency LED luminaires for interiors
- Ideal for office areas ($UGR \leq 19$) and environments with computer screens in accordance with EN 12464-1
- Extremely uniform appearance of the light-emitting surface
- **Diffusor** made of **non-yellowing PMMA**, microprismatic
- Luminous efficiency up to 130 lm/W
- LED rated life 50,000 h (L80)
- Colour consistency within 3-steps MacAdam (3 SDCM)
- **MultiLumen**: 4 steps adjustable luminous flux
- DALI versions also dimmable via TouchDIM
- Flicker < 5%
- External converter with simple plug-in locking system

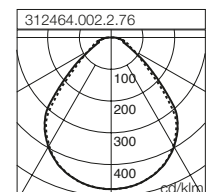
KALEEA CYANOSIS :

COI < 3.0
R9 > 80

312464.002.1.76		
Floor 12 x 2,5 x 3m (0,2m)		
100 lx	150 lx	200 lx
2	3	4
Room 6 x 4 x 3 m (0,75 m)		
200 lx	300 lx	500 lx
3	4	6



312464.002.2.76		
Floor 12 x 2,5 x 3m (0,2m)		
100 lx	150 lx	200 lx
2	2	3
Room 6 x 4 x 3 m (0,75 m)		
200 lx	300 lx	500 lx
2	3	5



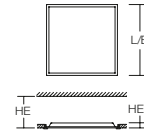
Lay-in luminaires | Kaleea

Type of Protection: IP 20, **IP 40** on room side
 Protection Class: II
 Impact Protection: IK02

Housing: sheet steel, powder-coated. Luminaire frame: aluminium, powder-coated. LED backlight technology for homogeneous illumination of the entire light-emitting surface. Diffuser made of non-yellowing plastic (PMMA) microprismatic. Suitable for use in environments with computer screens in accordance with EN 12464-1. External driver.

Available colour: 2 = white

MultiLumen version: 4 steps adjustable luminous flux. Factory-preset to step 2.



Reference number	Dimensions [mm]	Lamp	Light colour	Luminous flux [lm]	System power [W]	UGR	dim-able
Lay-in luminaires for grid ceilings - Module 300							
312463.002.1MAL-M300	L 595, B 295, HE 160, HEL 33	LED	840	2200	19	19,0	on/off
312463.002.1.76MAL-M300	L 595, B 295, HE 160, HEL 33	LED	840	2200	19	19,0	DALI
Lay-in luminaires for grid ceilings - Module 600							
312463.002.1.790 *	L 595, B 595, HE 160, HEL 33	LED	840	3100...4400	24...36	17,6...18,9	on/off
312463.002.1.76	L 595, B 595, HE 160, HEL 33	LED	840	3500	28	18,1	DALI
312463.002.2.76	L 595, B 595, HE 160, HEL 33	LED	840	4400	36	18,9	DALI
Lay-in luminaires for grid ceilings - Module 1200							
312463.002.1.790MAL-M1200	L 1195, B 295, HE 160, HEL 33	LED	840	2950...4050	25...35	19,0	on/off
312463.002.1.76MAL-M1200	L 1195, B 295, HE 160, HEL 33	LED	840	2950	25	19,0	DALI

* **MultiLumen version:** Specification of the lowest and highest possible lumen output. You will find more detailed information on www.rzb-lighting.com.

Comparison LED vs. conventional lamps

LED 24 W ≈
 4 x 14 W T16 (68 W Psys)

LED 28 W ≈
 3 x 24 W T16 (75 W Psys)

LED 36 W ≈
 4 x 24 W T16 (98 W Psys)

Lay-in luminaires | Kaleea Cyanosis

Type of Protection: IP 20, **IP 40** on room side
 Protection Class: II
 Impact Protection: IK02
 Cyanosis Observation Index (COI) < 3.0
 R9 value > 80

Housing: sheet steel, powder-coated. Luminaire frame: aluminium, powder-coated. LED backlight technology for homogeneous illumination of the entire light-emitting surface. Diffuser made of non-yellowing plastic (PMMA) microprismatic. Suitable for use in environments with computer screens in accordance with EN 12464-1. External driver.

Available colour: 2 = white

MultiLumen version: 4 steps adjustable luminous flux. Factory-preset to step 2.

Reference number	Dimensions [mm]	Lamp	Light colour	Luminous flux [lm]	System power [W]	UGR	dim-able
Lay-in luminaires for grid ceilings - Module 300							
312463.002.1MAL-M300-CRI95	L 595, B 295, HE 160, HEL 33	LED	940	1700	19	19,0	on/off
312463.002.1.76MAL-M300-CRI95	L 595, B 295, HE 160, HEL 33	LED	940	1700	19	19,0	DALI
Lay-in luminaires for grid ceilings - Module 600							
312463.002.1.790MAL-CRI95 *	L 595, B 595, HE 160, HEL 33	LED	940	2650...3750	25...36	19,0	on/off
312463.002.1.76MAL-CRI95	L 595, B 595, HE 160, HEL 33	LED	940	2650	25	19,0	DALI
Lay-in luminaires for grid ceilings - Module 1200							
312463.002.1.790MAL-M1200-CRI9 *	L 1195, B 295, HE 160, HEL 33	LED	940	2450...3350	25...35	19,0	on/off
312463.002.1.76MAL-M1200-CRI95	L 1195, B 295, HE 160, HEL 33	LED	940	2450	25	19,0	DALI

* **MultiLumen version:** Specification of the lowest and highest possible lumen output.

MultiLumen: Adjustable luminous flux

312463.002.1.790		
Step	Luminous flux [lm]	System power [W]
	4000 K	
1	3100	24
2	3500	28
3	4000	32
4	4400	36

Accessories | Surface mounting frame

Surface mounting frame, white. Consists of 4 powder-coated extruded aluminum profiles and 4 plastic corner connectors.

Surface mounting frame

982727.002 L 602, B 602, H 75 for module 600



Accessories | Through-wiring box

Pluggable converter add-on with 5 pins. Cable cross-sections of up to 5 x 1.5 mm² or 3 x 2.5 mm² possible. Pre-installed 150-mm-long connecting cable with open cable ends for easy connection to the converter.

Through-wiring box DALI

982703.002 L 98, B 55, H 28



Accessories | Through-wiring box

Pluggable converter add-on for Kaleea on/off versions. Through-wiring possibility L-N-PE. Cable cross-section from 1.5 to 2.5 mm².

Through-wiring box ON/OFF

982688.002 L 70, B 35, H 25



PARLEDO®

Everything at a glance

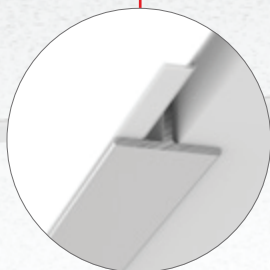
Dust proof; protected against sprayed water (IP 65)



Protection class IP 65 for luminaire and control gear on room and ceiling side

Diffuser made of resistant polycarbonate (PC)

Frameless appearance in the modular ceiling thanks to the extra slim frame



For high hygienic requirements

Diffuser with smooth surface on the room side for low sensitivity to dirt and easy cleaning



DALI variants: IoT Ready



Easy to install thanks extended connection cable (2 m)

MultiLumen version:

The user can choose from four different luminous flux levels. This can be reversibly set manually on the external control gear.



Excellent glare control even with high luminous fluxes

Diffuser microprismatic: ideal for office areas ($UGR \leq 19$) and environments with computer screens in accordance with EN 12464-1



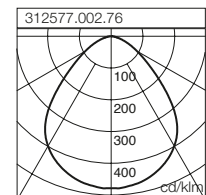


PARLEDO® / PARLEDO® CYANOSIS

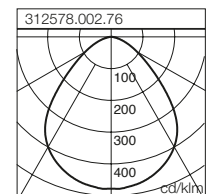
Lay-in luminaires

- For high hygienic requirements
- Diffuser with smooth surface on the room side for low sensitivity to dirt and easy cleaning
- Diffuser made of resistant polycarbonate (PC)
- Dust proof; protected against sprayed water (IP 65)
- Protection class IP 65 for luminaire and control gear on room and ceiling side
- Impact protection IK06 for high impact resistance
- Frameless appearance in the modular ceiling thanks to the extra slim frame
- Diffuser microprismatic: ideal for office areas (UGR ≤ 19) and environments with computer screens in accordance with EN 12464-1
- Excellent glare control even with high luminous fluxes
- **MultiLumen:** 4 steps adjustable luminous flux
- Luminous efficiency up to 147 lm/W
- LED rated life 60,000 h (L80)
- Colour consistency within 3-steps MacAdam (3 SDCM)
- Flicker: DALI ≤ 1%, MultiLumen < 5%
- Easy to install thanks extended connection cable (2 m)
- Suitable for through wiring as standard
- DALI variants: IoT Ready and dimming via TouchDIM possible
- PARLEDO CYANOSIS : (COI) < 3.0

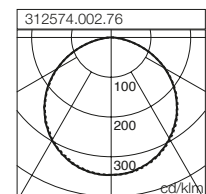
312577.002.76		
Floor 12 x 2,5 x 3m (0,2m)		
100 lx	150 lx	200 lx
2	3	3
Room 6 x 4 x 3 m (0,75 m)		
200 lx	300 lx	500 lx
2	3	5



312578.002.76		
Floor 12 x 2,5 x 3m (0,2m)		
100 lx	150 lx	200 lx
2	2	3
Room 6 x 4 x 3 m (0,75 m)		
200 lx	300 lx	500 lx
2	3	4



312574.002.76		
Floor 12 x 2,5 x 3m (0,2m)		
100 lx	150 lx	200 lx
2	3	3
Room 6 x 4 x 3 m (0,75 m)		
200 lx	300 lx	500 lx
3	4	6



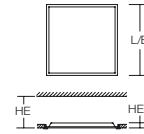
Lay-in luminaires | Parledo

Type of Protection: **IP 65**
 Protection Class: I
 Impact Protection: IK06

Housing: sheet steel, powder-coated. Luminaire frame: aluminium, powder-coated.
 LED backlight technology for homogeneous illumination of the entire light-emitting surface.
 Smooth diffuser: plastic (polycarbonate), opal or microprismatic (suitable for use in environments with computer screens in accordance with EN 12464-1). External driver. Extended connection cable (2.0 m). Suitable for through wiring as standard. DALI variants IoT Ready and dimming via TouchDIM possible.

Available colour: 2 = white

MultiLumen version: 4 steps adjustable luminous flux. Factory-set to lowest luminous flux.



Reference number	Dimensions [mm]	Lamp	Light colour	Luminous flux [lm]	System power [W]	UGR	dim-able
Recessed ceiling luminaires for visible mounting rails - Module 600							
Diffuser: plastic (polycarbonate), opal							
312567.002.790 *	L 595, B 595, HE 160, HEL 41	LED	840	4550...5600	31...40	21,7...22,4	on/off
312568.002.76	L 595, B 595, HE 160, HEL 41	LED	840	4550	31	21,7	DALI
312569.002.76	L 595, B 595, HE 160, HEL 41	LED	840	5600	40	22,4	DALI
Diffuser plastic (polycarbonate) microprismatic							
312570.002.790 *	L 595, B 595, HE 160, HEL 41	LED	840	4050...5000	31...40	17,3...18,0	on/off
312571.002.76	L 595, B 595, HE 160, HEL 41	LED	840	4050	31	17,3	DALI
312572.002.76	L 595, B 595, HE 160, HEL 41	LED	840	5000	40	18,0	DALI

* **MultiLumen version:** Specification of the lowest and highest possible lumen output. You will find more detailed information on www.rzb-lighting.com.

Comparison LED vs. conventional lamps

LED 31 W ≈

2 x 35 W T16 (75 W Psys)
 2 x 39 W T16 (82 W Psys)

LED 40 W ≈

3 x 35 W T16 (113 W Psys)
 3 x 39 W T16 (123 W Psys)

Lay-in luminaires | Parledo Cyanosis

Type of Protection: **IP 65**
 Protection Class: I
 Impact Protection: IK06
 Cyanosis Observation Index (COI) < 3.0

Housing: sheet steel, powder-coated. Luminaire frame: aluminium, powder-coated.
 LED backlight technology for homogeneous illumination of the entire light-emitting surface.
 Smooth diffuser: plastic (polycarbonate), opal or microprismatic (suitable for use in environments with computer screens in accordance with EN 12464-1). External driver. Extended connection cable (2.0 m). Suitable for through wiring as standard. DALI variants IoT Ready and dimming via TouchDIM possible. Suitable for use in cyanosis application.

Available colour: 2 = white

MultiLumen version: 4 steps adjustable luminous flux. Factory-set to lowest luminous flux.

Reference number	Dimensions [mm]	Lamp	Light colour	Luminous flux [lm]	System power [W]	UGR	dim-able
Recessed ceiling luminaires for visible mounting rails - Module 600							
Diffuser: plastic (polycarbonate), opal							
312567.002.790MAL-CRI95 *	L 595, B 595, HE 160, HEL 41	LED	940	3550...4350	31...40	21,7...22,4	on/off
312568.002.76MAL-CRI95	L 595, B 595, HE 160, HEL 41	LED	940	3550	31	21,7	DALI
312569.002.76MAL-CRI95	L 595, B 595, HE 160, HEL 41	LED	940	4350	40	22,4	DALI
Diffuser plastic (polycarbonate) microprismatic							
312570.002.790MAL-CRI95 *	L 595, B 595, HE 160, HEL 41	LED	940	3150...3900	31...40	17,3...18,0	on/off
312571.002.76MAL-CRI95	L 595, B 595, HE 160, HEL 41	LED	940	3150	31	17,3	DALI
312572.002.76MAL-CRI95	L 595, B 595, HE 160, HEL 41	LED	940	3900	40	18,0	DALI

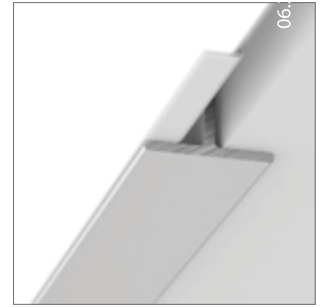
* **MultiLumen version:** Specification of the lowest and highest possible lumen output.

Accessories | Recessed mounting frame

Recessed mounting frame: sheet steel, powder-coated. For installation on suspended ceilings. Minimum recess depth: 300 mm. Ceiling thickness: 1-30 mm

Mounting frame for installation in suspended ceilings

981941.002 L 624, B 624, H 2, HE 94 for module 600



Rimless appearance.

MultiLumen: Adjustable luminous flux

312567.002.790		
Step	Luminous flux [lm]	System power [W]
	4000 K	
1	4550	31
2	4950	35
3	5300	38
4	5600	40

312570.002.790		
Step	Luminous flux [lm]	System power [W]
	4000 K	
1	4050	31
2	4400	35
3	4750	38
4	5000	40





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