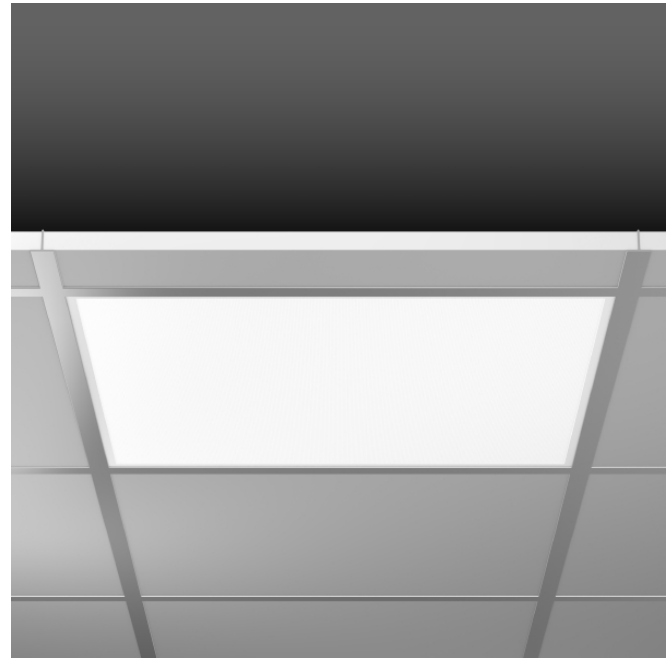
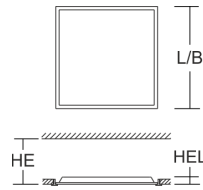


Lay-in luminaires

LED
L 595, B 595



Lay-in luminaire for ceiling systems with visible mounting rails. Housing: sheet steel, powder-coated. Luminaire frame: aluminium, powder-coated. Diffuser made of non-yellowing plastic (PMMA) microprismatic. LED backlight technology for homogeneous illumination of the entire light-emitting surface. External driver. MultiLumen version: 4 steps adjustable luminous flux. Ideal for office areas (UGR ≤ 19) and environments with computer screens in accordance with EN 12464-1. Suitable for use in cyanosis application.

Colour

Colour white

Dimensions

Length L 595 mm
Width B 595 mm
Recess height HE 160 mm
Luminaire: recess height HEL 33 mm
Weight 2,05 kg

Lamp

Lamp 1 LED
Colour temperature lamp 1 4000K
Colour rendering index (CRI) 1 95
Colour consistency (McAdam) 1 3
Lifetime of lamp 1 combined 50000 h (L80/B50)
Photobiological safety according to EN 62471 Risk group 0
R9 value > 80
Cyanosis observation index (COI) < 3.0

Lighting technology

Colour temperature 4.000 K
Rated luminous flux 2.700 lm
Glare evaluation UGR (4H 8H) 1 ≤ 19
Beam angle $91^\circ / 88^\circ$
Colour temperature 2 4.000 K
Rated luminous flux 2 3.050 lm
Glare evaluation UGR (4H 8H) 2 ≤ 19
Beam angle Down 2 $91^\circ / 87^\circ$
Colour temperature 3 4.000 K
Rated luminous flux 3 3.350 lm
Glare evaluation UGR (4H 8H) 3 ≤ 19
Beam angle Down 3 $91^\circ / 88^\circ$
Colour temperature 4 4.000 K
Rated luminous flux 4 3.750 lm
Glare evaluation UGR (4H 8H) 4 ≤ 19
Beam angle Down 4 $91^\circ / 88^\circ$

Electrical

Control gear Converter
Voltage 220 - 240 V / 50 - 60 Hz
Luminaires on B10A fuse 14
Luminaires on B16A fuse 23
Luminaires on C10A fuse 24
Luminaires on C16A fuse 39
Inrush current / inrush current duration 38.8 A / 100 μ s
Ripple current / Flicker 5 %
System power 25 W
Luminaire efficacy 107 lm/W
System power 2 29 W
Luminaire efficacy 2 106 lm/W
System power 3 32 W
Luminaire efficacy 3 105 lm/W
System power 4 36 W
Luminaire efficacy 4 104 lm/W

Approbations

Type of Protection	IP 20, IP 40
Note: Type of Protection	IP 20, IP 40 on room side
Protection Class	II
Glow Wire Test	650°C - 30 seconds
Impact Protection	IK02 (0,20 Joule)
Test marks	EAC
Ambient temperature min.	-20 °C
Ambient temperature max.	40 °C
ULOR	0
Trade mark	CE
CIE Flux Code / CEN Flux Code	62 88 96 100 100
Energy efficiency class LED	A++
Energy class of included lamp	A++

Accessories

982727.002	Surface mounting frame L 602, B 602, H 75 for module 600
982688.002	Through-wiring box ON/OFF L 70, B 35, H 25