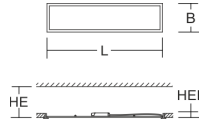


Lay-in luminaires

LED

L 1195, B 295



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 ($UGR \leq 19$) and environments with computer screens in accordance with EN 12464-1. Suitable for use in cyanosis application.

Colour

Colour white

Dimensions

Length L 1195 mm
 Width B 295 mm
 Recess height HE 160 mm
 Luminaire: recess height HEL 33 mm
 Weight 2,5 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 2.450 lm
 Glare evaluation UGR (4H 8H) 1 ≤ 19
 Beam angle $91^\circ / 88^\circ$
 Colour temperature 2 4.000 K
 Rated luminous flux 2 2.840 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 3.100 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 3.350 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 99 lm/W
 System power 2 29 W
 Luminaire efficacy 2 98 lm/W
 System power 3 32 W
 Luminaire efficacy 3 97 lm/W
 System power 4 35 W
 Luminaire efficacy 4 96 lm/W

Kaleea

312463.002.1.790MAL-M1200-CRI9 | Recessed modular luminaires



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

982688.002	Through-wiring box ON/OFF L 70, B 35, H 25
------------	---