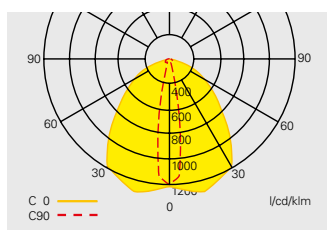




GuideLed SL 13092.1 CG-S

- Safety luminaire with LED technology for surface mounting
- Slender, discrete design with low height of 32 mm
- Special LED optics ensure especially efficient escape route illumination of 1lx for mounting heights of up to 15 m or for applications with increased illuminance requirements e.g. acc. NFPA 101 with 10.8 lx
- Suitable for illumination of 5 lx vertically for 'points of emphasis' acc. EN 1838
- Minimum service requirement due to high service life of the LEDs (50.000 hours)

GuideLed SL 13092.1 CG-S

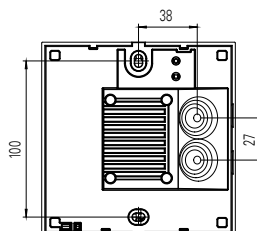
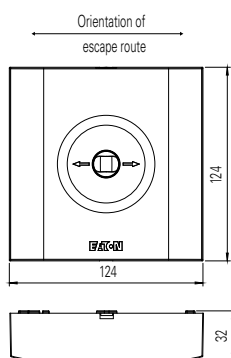


Light distribution curve
GuideLed SL GuideLed SL 13092.1

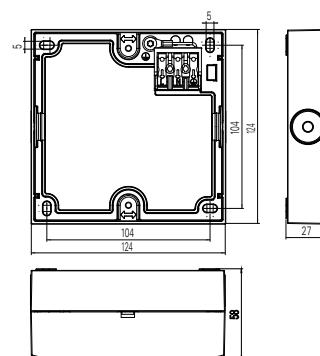
Luminous flux Φ_N	250 lm
Luminous flux Φ_E/Φ_N at end of rated operating time	100%
Housing material	PC, Aluminium
Housing colour	White RAL 9016
Weight	0.33 kg
Type of mounting	Surface mounting
Terminals	2 x 3 x 2.5 mm ²
Connection voltage	220 – 240 V AC, 50/60 Hz 176 – 275 V DC
Current consumption- battery operation (220 V)	20 mA
Power consumption mains operation (apparent power / effective power)	8.0 VA / 3.9W
Inrush current	1.5 A
Permissible ambient temperature	-20°C to +40°C
Light source	HighPower LED 1 x 2 W

Ordering details

Type	Scope of supply	Order-No.
GuideLed SL 13092.1 CG-S	GuideLed SL 13092.1 CG-S, surface mounting with asymmetric optics for escape route illumination of 1 lx for mounting heights up to 15 m and increased illuminance requirements e.g. acc. to NFPA 101 with 10.8 lx . incl. LED supply and CG-S technology (20 addresses) in housing* with strain relief	40071354485
Additional enclosure for GuideLed SL 130x2.1	Additional enclosure for GuideLed SL 130x2.1. for more space for wiring and cable entry, including through-wiring terminal and connection cable to luminaire	40071354489

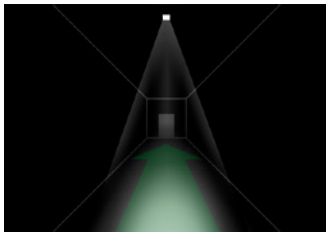
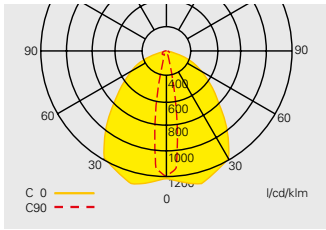


Additional enclosure



GuideLed SL 13091.1, 13092.1 CG-S

Safety Luminaires for Escape Route Lighting



Escape route illumination with asymmetric optics

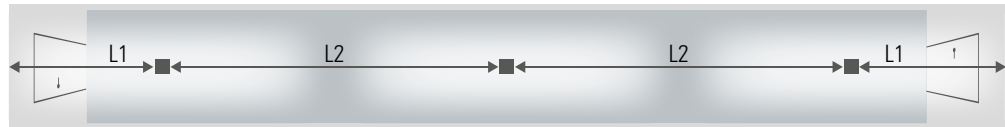
Planning assistance for GuideLed SL 13091.1 13092.1 CG-S for $E_{min} = 1.0 \text{ lx}$ (0.5 lx)

Measuring height 0.02 m. maintenance factor MF = 80 %. battery operation

Mounting height [m]	Type of mounting	L1	L2	L3	L4
3.0	Ceiling mounting	1.1 (2.7)	5.4 (8.1)	5.3 (6.4)	12.9 (15.2)
4.0	Escape route centre	1.3 (1.6)	3.2 (7.9)	5.9 (7.3)	14.6 (17.7)
5.0		1.4 (1.7)	3.4 (6.5)	6.4 (8.0)	15.9 (19.6)
6.0		1.6 (1.9)	3.8 (4.3)	6.8 (8.5)	17.1 (21.1)
7.0		1.7 (2.0)	4.1 (4.8)	7.0 (9.0)	18.1 (22.5)
8.0		1.8 (2.1)	4.2 (5.2)	7.3 (9.4)	18.9 (23.6)
9.0		1.9 (2.3)	4.6 (5.5)	7.4 (9.7)	19.5 (24.7)
10.0		1.9 (2.4)	4.9 (5.7)	7.5 (10.0)	19.9 (25.7)
11.0		1.8 (2.5)	5.1 (5.9)	7.4 (10.2)	20.5 (26.5)
12.0		1.8 (2.6)	5.2 (6.2)	7.2 (10.4)	20.8 (27.1)
13.0		1.7 (2.6)	5.3 (6.6)	6.7 (10.5)	21.0 (27.7)
14.0		1.5 (2.6)	5.3 (6.8)	5.7 (10.5)	21.1 (28.1)
15.0		1.2 (2.6)	5.2 (7.1)	4.6 (10.5)	21.0 (28.7)

Planning assistance for GuideLed SL 13091.1 13092.1 CG-S for $E_m = 10.8 \text{ lx}$

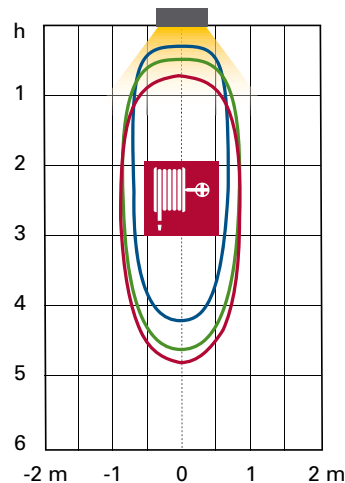
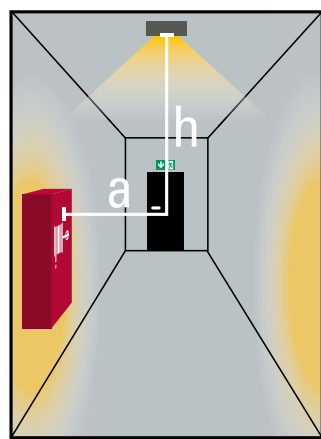
Measuring height 0.02 m. maintenance factor MF = 80 %. battery operation
Escape route width 2 m. reflectance ceiling/wall/floor: 70 % / 50 % / 20 %. ceiling height = mounting height



Mounting height [m]	Type of mounting	L1	L2	E_m	E_{min}	E_{max}
3.0	Ceiling mounting	3.2	8.2	11.0	2.9	30
4.0		2.7	7.2	11.0	4.9	18
5.0		1	6.1	10.9	5.5	13

Planning assistance for GuideLed SL 13091.1. 13092.1 CG-S for vertical illuminance $E_{min} = 5 \text{ lx}$

Maintenance factor MF = 80 %. battery operation



Area in which a minimum illuminance of 5 lx (maintenance factor 0.8) is achieved, depending on distance a and the rated operating time:

- a = 1.0 m
- a = 1.5 m
- a = 2.0 m