

Safety and Escape Route Luminaire 83022 CG-S

EN
1838

CG-S

18
W



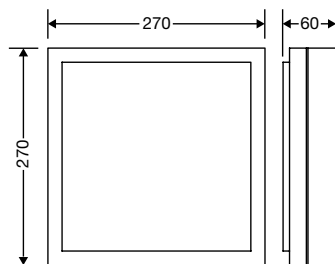
IP65

- Quadratic safety and escape route luminaire with high protection class (IP65) for indoor and outdoor use
- Robust construction from aluminium diecast with powder coating (UV stabilised)
- High impact resistant (IK08) diffuser made of UV stabilised polycarbonate
- Two waterproof cable infeeds (IP67) and double terminal for through-wiring
- Shortened inspection effort due to CEWA GUARD technology
- Automatic function monitoring of up to 20 luminaires per circuit
- Reduced installation expenditures by STAR technology
- Freely programmable mixed operation of the switching modes per luminaire in one circuit



Luminous flux Φ_E/Φ_N at the end of rated operating time	75 %
Housing material	Aluminium diecast, PC
Housing colour	White, sim. RAL 9010
Weight	2.2 kg
Type of mounting	Wall and ceiling mounting
Connection terminals	Clamp terminal 2.5 mm ² , reverse-polarity protected
Connection voltage	220 - 240 V AC, 50/60 Hz 176 - 275 V DC
Current consumption with battery operation	70 mA
Power consumption mains operation	30 VA
Permissible ambient temperature	-10 °C to +40 °C
Light source	TC-F 18 W

Dimensions in mm



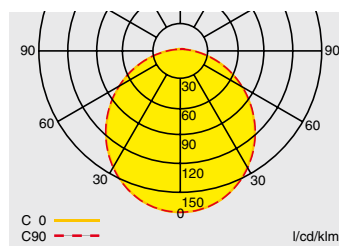
Ordering details

Scope of supply	Order No.
Safety luminaire 83022 CG-S with CEWA GUARD monitoring and 20-digit address switch, without light source	400 71 352 950
Legend-set for 83022 (1 x PL, PR, PU), acc.to DIN 4844	400 71 351 923



Planning help for SL 83022 CG-S for E = 1.0 lx (0.5 lx)

Measuring level 0.02 m, maintenance factor MF = 80 %, battery operation



Light distribution curve
83022 CG-S

Mounting height (m)	Types of mounting	Mounting types			
		L1 [m]	L2 [m]	L3 [m]	L4 [m]
2.5	Ceiling mounting	4.1 (5.1)	10.1 (12.4)	4.1 (5.1)	10.2 (12.4)
3.0	Escape route centre	4.4 (5.5)	10.9 (13.4)	4.4 (5.5)	10.9 (13.4)
4.0		4.7 (6.1)	12.0 (15.0)	4.7 (6.1)	12.1 (15.1)
5.0		4.8 (6.4)	12.8 (16.3)	4.8 (6.5)	12.8 (16.4)
6.0		4.7 (6.7)	13.2 (17.3)	4.7 (6.7)	13.3 (17.4)
7.0		4.5 (6.8)	13.4 (18.0)	4.5 (6.8)	13.4 (18.1)
2.0	Wall mounting	3.1 (3.6)	8.0 (8.8)	3.1 (3.6)	8.0 (8.8)
2.5		3.1 (3.5)	8.1 (8.9)	3.1 (3.5)	8.1 (8.9)
3.0		2.9 (3.4)	8.1 (8.9)	2.9 (3.4)	8.1 (8.9)
2.5	Ceiling mounting	3.4 (4.4)	8.8 (10.4)	3.5 (4.5)	8.6 (10.6)
3.0	Room illumination	3.4 (4.4)	9.4 (11.4)	4.5 (4.5)	9.4 (11.4)
4.0		3.4 (4.4)	10.6 (12.4)	4.5 (5.5)	10.6 (12.2)
5.0		3.4 (4.4)	11.6 (13.0)	4.5 (5.5)	11.4 (13.0)
6.0		3.4 (4.4)	12.2 (13.8)	4.5 (5.5)	12.2 (13.6)
7.0		3.4 (5.0)	12.8 (14.4)	4.5 (5.0)	12.6 (14.2)