

# Safety Luminaire 83022 CG-S

EN  
1838

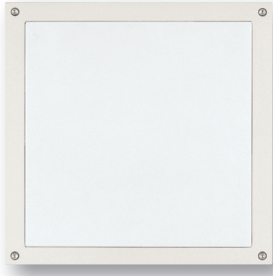
CG-S

18  
W



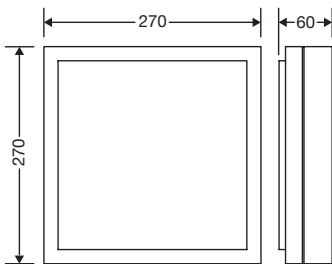
IP65

- Quadratic safety luminaire with high protection class (IP 65) for indoor and outdoor use.
- Robust construction from aluminium diecast with powder coating (UV stabilized).
- High impact resistant (IK08) diffuser made of UV stabilized polycarbonate.
- Two waterproof cable entries (IP 67) 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 $\Phi_E/\Phi_N$ at the end of the rated service time	75 %
Housing material	Aluminium diecast, PC
Housing colour	White, similar to RAL 9010
Weight	2.2 kg
Type of mounting	Wall or ceiling mounting
Connection terminal	Clamp terminal 2.5 mm <sup>2</sup> , reverse polarity protected
Connection voltage	220 - 240 V AC, 50 Hz 176 - 275 V DC
Current consumption battery operation	70 mA
Connected load-mains operation	30 VA
Permissible ambient temperature	-10 °C to +40 °C
Lamp	TC-FEL 18 W

Dimensions in mm

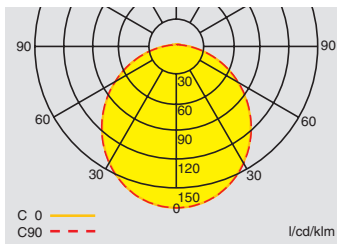


**Order data**

Scope of delivery	Order No.
Safety luminaire 83022 CG-S with CEWA GUARD monitoring and 20-digit address switch, without lamp	400 71 352 950

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

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



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	Area 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)

# Safety Luminaire 84022 CG-S



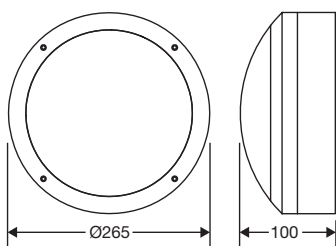
IP65

- Round safety luminaire with high protection class (IP 65) for indoor and outdoor use.
- Robust construction from aluminium diecast with powder coating (UV stabilized).
- High impact resistant (IK08) diffuser made of UV stabilized polycarbonate.
- Two waterproof cable entries (IP 67) 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 $\Phi_E/\Phi_N$ at the end of the rated service time	75 %
Housing material	Aluminium diecast, PC
Housing colour	White, similar to RAL 9010
Weight	1.7 kg
Type of mounting	Wall or ceiling mounting
Connection terminal	Clamp terminal 2.5 mm <sup>2</sup> , reverse polarity protected
Connection voltage	220 - 240 V AC, 50 Hz 176 - 275 V DC
Current consumption battery operation	35 mA
Connected load-mains operation	16 VA
Permissible ambient temperature	-10 °C to +40 °C
Lamp	TC-DEL 10 W

Dimensions in mm

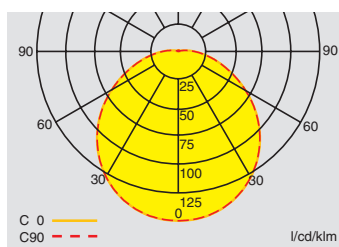


**Order data**

Scope of delivery	Order No.
Safety luminaire 84022 CG-S with CEWA GUARD monitoring and 20-digit address switch, without lamp	400 71 352 940

**Engineering help for SL 84022 CG-S for E = 1.0 lx (0.5 lx)**

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



Mounting height (m)	Types of mounting	Mounting types			
		L1 [m]	L2 [m]	L3 [m]	L4 [m]
2.5	Ceiling mounting	3.5 (4.4)	8.7 (10.8)	3.5 (4.4)	8.7 (10.8)
3.0	Escape route centre	3.6 (4.7)	9.3 (11.6)	3.6 (4.7)	9.3 (11.6)
4.0		3.7 (5.1)	10.0 (12.9)	3.7 (5.1)	10.0 (12.9)
5.0		3.6 (5.3)	10.4 (13.8)	3.6 (5.3)	10.4 (13.8)
6.0		3.2 (5.3)	10.3 (14.4)	3.2 (5.3)	10.3 (14.3)
7.0		2.3 (5.1)	9.9 (14.7)	2.3 (5.1)	9.9 (14.6)
2.0	Wall mounting	2.3 (3.1)	6.2 ( 8.0)	2.3 (3.1)	6.2 ( 8.0)
2.5		2.1 (3.1)	6.0 ( 8.1)	2.1 (3.1)	6.0 ( 8.1)
3.0		1.7 (2.9)	5.7 ( 4.2)	1.7 (2.9)	5.7 ( 4.2)
2.5	Ceiling mounting	2.9 (3.4)	7.6 ( 9.4)	2.9 (4.5)	7.6 ( 9.2)
3.0	Area illumination	3.0 (3.4)	8.2 (10.0)	3.0 (4.5)	8.0 (10.0)
4.0		3.4 (3.4)	9.0 (10.8)	3.5 (4.5)	9.0 (10.6)
5.0		3.0 (4.0)	9.6 (11.4)	2.9 (4.0)	9.6 (11.2)
6.0		2.4 (4.4)	10.2 (11.8)	3.5 (4.5)	10.0 (11.8)
7.0		1.4 (4.4)	10.4 (12.2)	2.5 (4.5)	10.2 (12.2)