i-P65 CG-S

Safety and Exit Sign Luminaies with High Ingress Protection

18 m	20 m *		
LED		IP65	S$_{TAR}$
S$^+_{TAR}$			

i-P65 S CG-S

Dimensions in mm
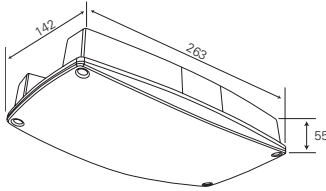

i-P65 D CG-S *

Dimensions in mm

i-P65 CG-S

- LED safety luminaire with high protection class (IP65) for indoor and outdoor use
- Robust construction made of polycarbonate with numerous knock-outs for cable entries
- Low operating cost due to low power consumption
- Minimum service requirement due to high service life of the LEDs (up to 50,000 hours)
- 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

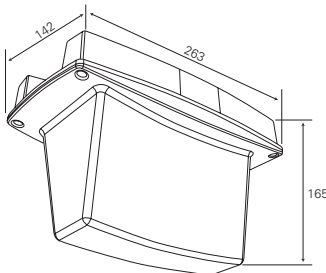|	
Viewing distance	20 m single sided / 18 m double sided
Luminous flux Φ_E/Φ_N at the end of rated operating time	100 %
Housing material	Polycarbonate
Housing colour	Light grey
Weight	single sided 0.54 kg double sided 0.74 kg
Type of mounting	Wall or ceiling mounting
Connection terminals	3 x 2.5 mm^2
Connection voltage	230 V AC, 50/60 Hz 176 – 275 V DC
Current consumption - battery operation (220 V)	16 mA
Power consumption mains operation (apparent power / effective power)	7.0 VA / 3.6 W
Inrush current	1.5 A
Permissible ambient temperature	-15 °C to +40 °C
Light source	HighPower LEDs 2 x 1.0 W

Ordering details

Type	Scope of supply	Order No.
Exit sign luminaire i-P65 S CG-S	Single sided, incl. LED supply and CG-S technology (20 addresses), without pictogram-kit	IP65LEDO230CG
Exit sign luminaire i-P65 D CG-S	Double sided, incl. LED supply and CG-S technology (20 addresses), without pictogram-kit	IP65LEDEX230CG

M20 gland is not included in delivery

Accessories

Type	Order No.
Pictogram kit for i-P65 S, single sided, ISO 7010*	IP65LEG7010
Pictogram kit for i-P65 D, double sided, ISO 7010	IP65DBLLEG7010

* Viewing distance 20 m; only single sided version

i-P65 CG-S

Safety and Exit Sign Luminaies with High Ingress Protection

LED | IP65 | EN 1838 | S TAR | S+ TAR

i-P65 E CG-S

i-P65 O CG-S

Dimensions in mm

142 | 263 | 55

i-P65 CG-S

- LED safety luminaire with high protection class (IP65) for indoor and outdoor use
- Robust construction made of polycarbonate with numerous knock-outs for cable entries
- High spacing by special optics technology and highly efficient HighPower LEDs
- Low operating cost due to low power consumption
- Minimum service requirement due to high service life of the LEDs (up to 50,000 hours)
- 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
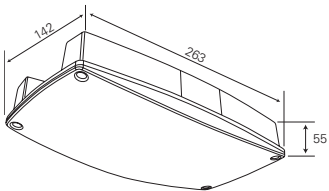
|	
Luminous flux	225 lm
Luminous flux Φ_E/Φ_N at the end of rated operating time	100 %
Housing material	Polycarbonate
Housing colour	Light grey
Weight	0.54 kg
Type of mounting	Ceiling mounting
Connection terminals	3 x 2.5 mm²
Connection voltage	220 – 240 V AC, 50/60 Hz 176 – 275 V DC
Current consumption - battery operation (220 V)	16 mA
Power consumption mains operation (apparent power / effective power)	7.0 VA / 3.6 W
Inrush current	1.5 A
Permissible ambient temperature	-15 °C to +40 °C
Light source	HighPower LEDs 2 x 1.0 W

Ordering details

Type	Scope of supply	Order No.
Safety luminaire i-P65 E CG-S	With asymmetric optics for exit route illumination, incl. LED supply and CG-S technology (20 addresses)	IP65LEDE230CG
Safety luminaire i-P65 O CG-S	With symmetric optics for anti-panic / open area illumination, incl. LED supply and CG-S technology (20 addresses)	IP65LEDO230CG

M20 gland is not included in delivery.

Planning help for i-P65 E CG-S – Asymmetric optics for E = 1.0 lx (0.5 lx)
Measuring level 0.02 m, maintenance factor MF = 80 %, battery operation, distances in m
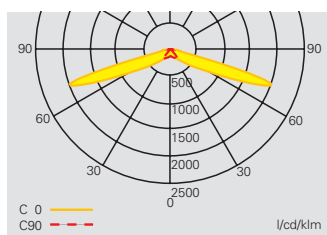
i-P65 E CG-S
with asymmetric optics

Mounting height [m]	Types of mounting	L1	L2	L3	L4
2.5	Ceiling mounting	8.2 (8.9)	17.7 (18.7)	2.3 (2.4)	4.8 (5.1)
3.0	Exit route centre	9.3 (10.3)	20.5 (21.8)	2.6 (2.8)	5.6 (5.9)
3.5		10.2 (11.6)	23.1 (24.9)	3.0 (3.2)	6.4 (6.7)
4.0		10.3 (12.7)	25.4 (27.7)	3.2 (3.5)	7.1 (7.5)
4.5		7.1 (13.7)	27.3 (30.4)	3.2 (3.9)	7.8 (8.3)
2.5	Ceiling mounting	4.0 (8.5)	16.6 (17.7)	1.7 (1.9)	4.1 (4.5)
3.0	Room illumination	8.3 (9.6)	19.1 (20.7)	1.8 (2.0)	4.6 (5.1)
3.5		8.8 (10.5)	21.5 (23.4)	1.8 (2.2)	5.0 (5.7)
4.0		5.9 (5.9)	23.4 (25.8)	1.6 (2.4)	5.4 (6.3)
4.5		6.3 (6.5)	23.7 (28.2)	1.4 (2.5)	5.6 (6.8)
5.0		0.5 (12.1)	19.4 (30.5)	2.7 (2.4)	7.0 (7.2)

Planning help for i-P65 O CG-S – Symmetric optics for E = 1.0 lx (0.5 lx)
Measuring level 0.02 m, maintenance factor MF = 80 %, battery operation, distances in m
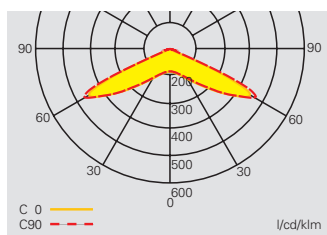
i-P65 O CG-S
with symmetric optics

Mounting height [m]	Types of mounting	L1	L2	L3	L4
2.5	Ceiling mounting	4.8 (5.3)	10.7 (11.2)	4.7 (5.3)	10.6 (11.3)
3.0	Exit route centre	4.8 (6.1)	12.2 (13.1)	4.8 (6.0)	12.0 (13.2)
3.5		4.1 (6.7)	12.7 (15.0)	4.0 (6.6)	12.6 (14.9)
2.5	Ceiling mounting	5.0 (5.7)	10.4 (10.9)	4.9 (5.7)	10.4 (11.0)
3.0	Room illumination	3.9 (6.3)	11.9 (12.9)	4.0 (4.1)	11.9 (12.9)
3.5		3.1 (4.7)	12.1 (14.6)	2.8 (6.8)	11.9 (14.7)
4.0		0.9 (4.7)	10.1 (16.3)	5.6 (4.7)	10.1 (16.3)