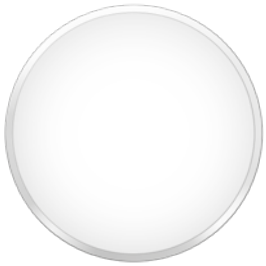
Planet 400 Disc CG-S

Safety Luminaires for Escape Route Lighting

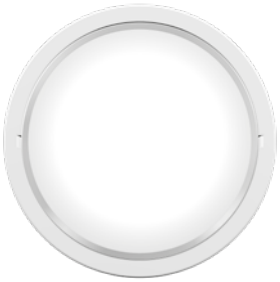
Planet 400 Disc CG-S





Recessing kit

for Planet 400 Disc CG-S



Planet 400 Disc CG-S

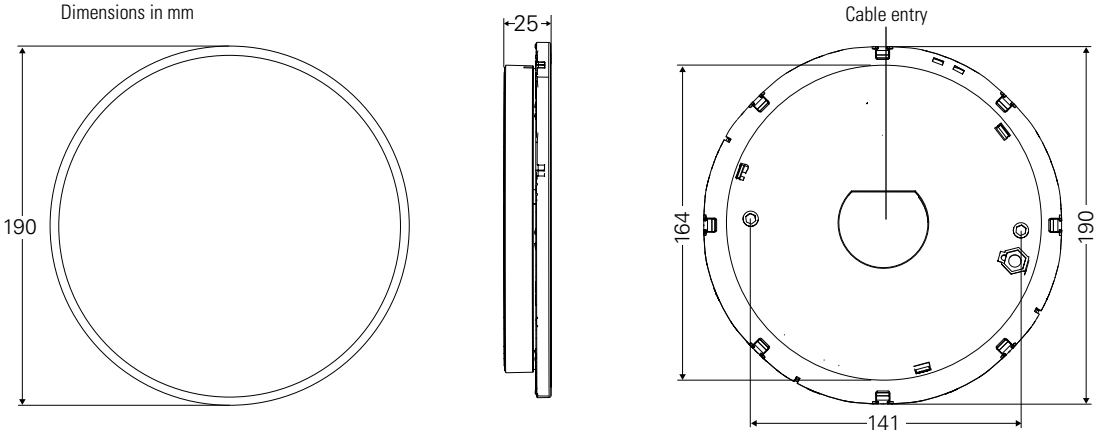
- Round LED safety luminaire for ceiling and wall mounting
- Light guide technology for slender design with only 25 mm depth and high uniformity of the light output area
- The LEDs are covered and not visible therefore glare is highly reduced
- Light output of 360 lm with fully symmetrical light distribution enables the universal use in several applications with high efficiency
- Suitable for up to 10 m mounting height (ceiling mounting)
- Also suitable for illuminance with 5 lx vertically for mounting heights up to 2.5 m above 'Points of emphasis' acc. EN 1838
- Minimum service requirement due to high service life of the LEDs (50.000 hours)

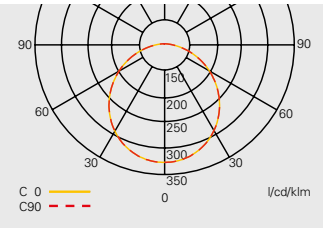
Luminous flux Φ_N	360 lm
Luminous flux Φ_E/Φ_N at the end of rated operating time	100 %
Housing material	PC. Aluminium
Housing colour	White RAL 9010. Aluminium
Weight	0.45 kg
Type of mounting	Ceiling and wall surface or recessed mounting
Connection terminals	2 x 2 x 2.5 mm²
Connection voltage	220 – 240 V AC. 50/60 Hz 176 – 275 V DC
Current consumption- battery operation (220 V)	24 mA
Power consumption mains operation (apparent power / effective power)	8.0 VA / 5 W
Permissible ambient temperature	-20°C to +40°C
Light source	LED 8 x 0.5 W

Ordering details

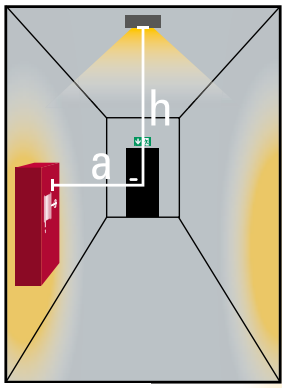
Type	Scope of supply	Order No.
Planet 400 Disc CG-S	Planet 400 Disc CG-S. for wall and ceiling mounting. including LED-supply and CG-S technology (20 addresses)	LUM22136
Recessing kit	Recessing kit for Planet 400 Disc CG-S. for false walls or ceilings with up to 55 mm wall thickness. Recessing depth: 45 mm + wall thickness. Cut-out ø = 200 mm	LUM10541

Dimensions in mm





Light distribution curve
Planet 400 Disc CG-S

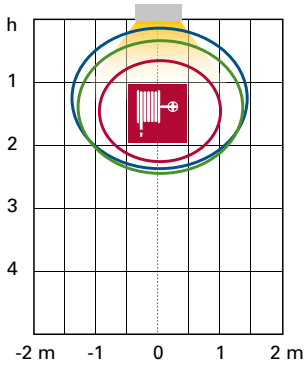


Area in which a minimum illuminance of 5 lx (maintenance factor 0.8) is achieved. depending on distance a and the rated operating time:

a = 1.0 m

a = 1.5 m

a = 2.0 m



Planning assistance for Planet 400 Disc CG-S for E = 1.0 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
2.5	Ceiling mounting	4.1 (5.1)	10.2 (12.4)	4.2 (5.1)	10.2 (12.4)
3.0	Escape route centre	4.4 (5.5)	11.0 (13.5)	4.4 (5.5)	11.0 (13.5)
3.5		4.6 (5.8)	11.7 (14.4)	4.6 (5.9)	11.7 (14.4)
4.0		4.8 (6.1)	12.2 (15.2)	4.8 (6.1)	12.2 (15.2)
4.5		4.8 (6.3)	12.7 (16.0)	4.8 (6.4)	12.7 (16.0)
5.0		4.9 (6.5)	13.1 (16.6)	4.9 (6.5)	13.1 (16.6)
5.5		4.9 (6.7)	13.4 (17.1)	4.9 (6.7)	13.3 (17.1)
6.0		4.8 (6.8)	13.6 (17.6)	4.8 (6.8)	13.6 (17.6)
6.5		4.7 (6.9)	13.7 (18.1)	4.7 (6.9)	13.7 (18.1)
7.0		4.6 (6.9)	13.8 (18.4)	4.5 (6.9)	13.8 (18.4)
7.5		4.3 (6.9)	13.8 (18.7)	4.3 (6.9)	13.8 (18.7)
8.0		4.0 (6.9)	13.7 (19.0)	4.0 (6.9)	13.7 (19.0)
8.5		3.6 (6.8)	13.6 (19.2)	3.6 (6.8)	13.6 (19.2)
9.0		3.1 (6.7)	13.4 (19.3)	3.1 (6.7)	13.4 (19.3)
9.5		2.4 (6.6)	13.1 (19.5)	2.4 (6.6)	13.1 (19.4)
10.0		1.2 (6.4)	12.8 (19.5)	1.1 (6.4)	12.7 (19.5)

Planning assistance for Planet 400 Disc CG-S for E = 1.0 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
2.5	Ceiling mounting	3.4 (4.4)	8.8 (10.6)	3.5 (4.5)	8.7 (10.5)
3.0	Room illumination	3.4 (4.4)	9.6 (11.5)	4.5 (4.5)	9.5 (11.5)
3.5		3.4 (4.4)	10.2 (12.4)	4.5 (5.5)	10.2 (12.3)
4.0		3.4 (4.4)	10.8 (13.2)	4.5 (5.5)	10.7 (13.1)
4.5		3.4 (5.0)	11.3 (13.9)	4.5 (4.9)	11.2 (13.8)
5.0		3.4 (5.4)	11.7 (14.5)	4.5 (5.5)	11.7 (14.5)
5.5		3.4 (5.4)	12.1 (15.3)	4.5 (5.5)	12.1 (14.9)
6.0		3.4 (5.4)	12.5 (15.6)	4.5 (5.5)	12.4 (15.6)
6.5		3.4 (5.4)	12.8 (16.1)	4.5 (5.5)	12.7 (16.1)
7.0		3.4 (5.4)	13.0 (16.6)	4.5 (5.5)	13.0 (16.5)
7.5		3.4 (5.4)	13.3 (17.0)	4.5 (5.5)	13.2 (16.9)
8.0		3.4 (5.4)	13.4 (17.3)	3.5 (5.5)	13.4 (17.3)
8.5		3.4 (5.4)	13.6 (17.7)	3.5 (5.5)	13.5 (17.6)
9.0		2.4 (5.4)	13.7 (18.0)	3.5 (5.5)	13.6 (17.9)
9.5		2.4 (5.4)	13.8 (18.2)	2.5 (5.5)	13.7 (18.2)
10.0		1.3 (5.0)	13.8 (18.5)	1.3 (5.0)	13.7 (18.4)

Planning assistance for Planet 400 Disc CG-S for E = 1.0 lx (0.5 lx)
Measuring height 0.02 m. maintenance factor MF = 80 %. battery operation

Mounting height [m]	Type of mounting	L1	L2	D
2.2	Wall mounting	2.4	6.0	4.9
2.4	Escape route illumination	2.3	6.2	5.0
2.6		2.2	6.0	5.3
2.8		2.1	5.9	5.4
3.0		1.8	5.7	5.7

