

BOX

Innovative: Simple replacement of modules with plug & play system

Modular design: allows decoupling of the light module from the housing

Integrated thermal management

Control: Dimming

Application areas:

- Factory facilities
- Production facilities
- Gas stations
- Parking garages
- Outdoor areas



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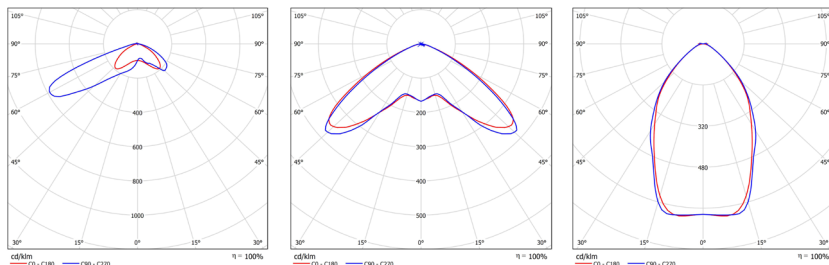
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Example of luminous intensity distribution: P optics / I optics / G optics



LIGHT HOUSING	
Material	Housing made of aluminum extruded profile, connection box and end caps made of PC
Colour scheme	Painted similar to RAL 9006
Installation type	Direct screw coupling for ceiling installation
Dimensions (Length x Breadth x Height)	1 module: 499 515 x 103 x 105 mm 2 modules: 960 978 x 103 x 105 mm
Weight	
Module and junction	1 module: 2.7 kg; 2 modules: 5.2 kg
Module and 7 m connection cable	1 module: 3.2 kg; 2 modules: 5.7 kg
Module and 10 m connection cable	1 module: 3.5 kg; 2 modules: 5.9 kg
Protection type	IP 65
Type of glass	PMMA
Impact resistance	IK 08
ILLUMINANT PROPERTIES	
Illuminant Type	1 or 2 Eco modules each with 14 LEDs or 28 LEDs
Optical System	P, I, G optics, PMMA individual optics
Luminous flux	up to 10.000 lm
Luminous output	up to 143 lm/W
Colour temperature	4.000 K (neutral white) 5.000 K (cold white)
Colour Rendering Index (Ra)	> 70
Dimming (Power control)	Night-time dimming or DALI
Lifetime at (ta) 25°C	90 % after 60.000 hours (in accordance with IES LM 80 & TM 21) 80 % after 100.000 hours
Thermal management	NTC regulation
ELECTRICAL PROPERTIES	
Power rating	up to 75 W (depending on luminous flux)
Protection class	SK II
Operating voltage/ Frequency	220 – 240 V 50 – 60 Hz
INSTALLATION REQUIREMENTS	
Application areas	Factory facilities, Production facilities, Gas stations, Parking garages, Outdoor areas
Mounting height	2 up to 6 m
Permissible ambient temperature (ta)	-40 °C to +40 °C
OTHER PROPERTIES	
Certification	CE, A++, A+, A, suitable for IFS certified companies according to DIN 10500

Technical data effective from 02/2017