

CUBELINE PARK

Efficient: Modular LED system with integrated electronics

Innovative: Intelligent interface control possible

Secure investment: Sustainable concept with technology guarantee

Sustainable: Luminous flux over lifetime: 80 % after 100.000 operating hours

Anwendungsbereiche:

- Parks
- Public places



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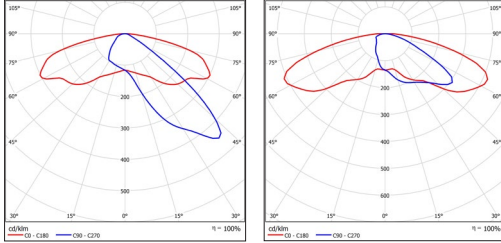
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Example of luminous intensity distribution:



LIGHT HOUSING	
Material	Extruded aluminium profile
Colour (powder coating)	RAL or DB 703
Mounting type	Mounting via flange plate
Orientation possibilities	-
IP Protection class	IP 67 IP 69K
Glas type	PMMA
Impact resistance	IK 08
ILLUMINANT PROPERTIES	
Light source	1 luminaire head with one Eco module
Optical system	PMMA single optics
Rated luminous flux	800 - 5000lm
Light efficiency	bis zu 143 lm/W
Colour temperature	3.000 K 4.000 K 5.000 K
Colour rendering index (RA)	CRI 83 (3.000 K), CRI 73 (4.000 K), CRI >60 (5.000 K)
Dimming (Power control)	Optional power line control (50 % / 100 %), dimmprofile, 1-10 V or DALI
Rated lifetime at (ta) 30 °C	90 % after 60.000 hours (IES LM 80 & TM 21) 80 % after 100.000 hours
Thermal management	✓
Constant Light Output (CLO)	Optional
ELECTRICAL PROPERTIES	
Rated power	7,5 - 37,5 W [depending on luminous flux]
Electrical protection class	SK II
Operating voltage / Frequence	220 - 240 V 50 - 60 Hz
Surge protection	10 kV
INSTALLATION REQUIREMENTS	
Application areas	Parks, public places
Installation height	4 - 5 m
Lighting classes	S
Permissible ambient temperature (ta)	-40 °C to +40 °C
OTHER PROPERTIES	
Certification	CE A - A++