

OCULUS LED P2 47500LM 740 IP66 I KL. 55D SP10KV 294W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	967351
Ingress protection:	IP66
Impact resistance:	IK09
Nominal power [W]:	294
Luminous flux [lm]*:	47500
Colour temperature [K]:	4000
Colour rendering index:	> 70
SDCM:	≤ 5
Electrical protection class:	I
Energy efficiency class:	C

CHARACTERISTICS

OCULUS LED POLE is a floodlight luminaire from the NEXT GEN range, representing a new generation of lamps dedicated to LED technology. The body, designed from the ground up, made of die-cast aluminium and powder-coated, makes use of the natural processes of conduction and convection, which have a beneficial effect on the thermal management of the lamp. The shape of the body with an integrated, efficient heat sink and high-quality materials ensure maximum heat dissipation from the LED module. An external driver chamber, separated from the body, guarantees optimum thermal operating conditions for the power supply system. This makes it possible to operate the lamp at an ambient temperature of max. 60°C. Diodes from a renowned manufacturer and new LED modules contribute to a very high luminous efficacy: max. 176 lm/W. This ensures that the required illuminance level is achieved and significant energy savings are made. Supplied as standard with a 0.3m H07RN-F cable terminated with an additional male and female connector to make installation easier and more efficient.

APPLICATION

The luminaire is designed to illuminate open spaces: car parks, squares, sports facilities.

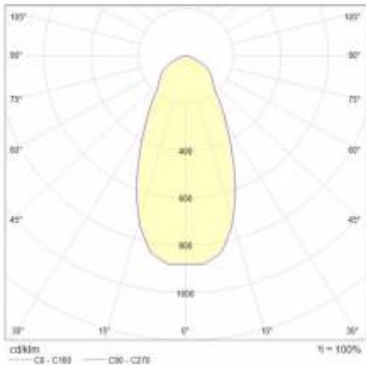
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TECHNICAL PARAMETERS TABLE

Index:	967351	Dimensions (H/W/T/S) [mm]:	106/371
Light source:	LED module	Impact resistance:	IK09
Nominal power [W]:	294	Ingress protection:	IP66
Rated power of the luminaire [W]:	316	Mounting version:	to the crossbar; surface
Supply voltage [V]:	220-240	Working temperature [°C]:	from -25 to +35
Frequency [Hz]:	50 - 60	Cable length [m]:	0.30
Luminous flux [lm]:	47500	Net weight [kg]:	4.756
Luminous efficacy [lm/W]:	150	Category type:	floodlights
Energy efficiency class:	C	Category of application:	industrial
Electrical protection class:	I	AC voltage range [V]:	198-264
Colour temperature [K]:	4000	DC voltage range [V]:	176-280
Colour rendering index:	> 70	LED lifespan L70B50 [h]:	196000
SDCM:	≤ 5	LED lifespan L80B20 [h]:	123000
Power factor:	0.98	LED lifespan L90B10 [h]:	60000
Surge protection [kV]:	10	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Diffuser material:	PC	Version:	P2
Diffuser type:	transparent	The number of implement units:	2
Optics material:	PC	Warranty [years]:	5
Optics:	lens	CE certificate:	97/2024
Material of the body:	powder coated aluminium	PZH certificate:	B-BK-60212-0481/21
Colour of the body:	grey	Manual:	Download PDF

LIGHT CURVES

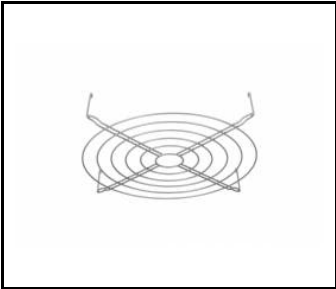


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DETAILED CARD

ACCESSORIES AVAILABLE


index	Name
964862	OCULUS LED - protective grid



OCULUS LED - protective grid (964862)

Card creation date: 12 November 2024
The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. * Parameter tolerance is +/- 10%

 This product is a subject to electric and electronic waste equipment regulations (WEEE).

 Certificate CE - Nr: 97/2024



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