

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.

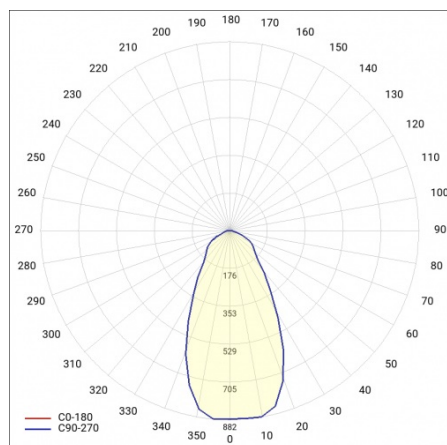
OCULUS LED P2 47500LM 740 IP66 I KL. 55D SP10KV 294W

DETAILED CARD

TECHNICAL PARAMETERS TABLE

Nominal power [W]:	294	Version:	P2
Index:	967351	Dimensions (H/W/T/S) [mm]:	106/371
Colour temperature [K]:	4000	Working temperature [°C]:	from -25 to +35
Luminous flux [lm]:	47500	Impact resistance:	IK09
Light source:	LED module	Ingress protection:	IP66
Diffuser type:	transparent	Mounting version:	to the crossbar; surface
Beam angle [°]:	55	Cable length [m]:	0.30
Rated power of the luminaire [W]:	316	Net weight [kg]:	4.756
Supply voltage [V]:	220-240	Category type:	floodlights
Frequency [Hz]:	50 - 60	Category of application:	industrial
Luminous efficacy [lm/W]:	150	AC voltage range [V]:	198-264
Energy efficiency class:	C	DC voltage range [V]:	176-280
Electrical protection class:	I	LED lifespan L70B50 [h]:	196000
Colour rendering index:	> 70	LED lifespan L80B20 [h]:	123000
SDCM:	≤ 5	LED lifespan L90B10 [h]:	60000
Power factor:	0.98	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Surge protection [kV]:	4	The number of implement units:	2
Diffuser material:	PC	Warranty [years]:	5
Optics material:	PC	CE certificate:	97/2024
Optics:	lens	PZH certificate:	B-BK-60212-0481/21
Material of the body:	powder coated aluminium	Manual:	Download PDF
Colour of the body:	grey	Plik LDT:	Download

LIGHT CURVES

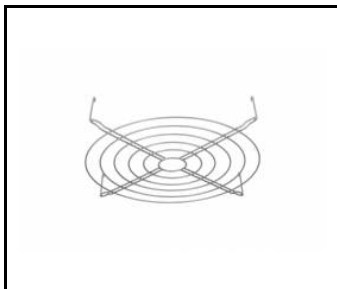


OCULUS LED P2 47500LM 740 IP66 I KL. 55D SP10KV 294W

DETAILED CARD

ACCESSORIES AVAILABLE

index	Name
964862	OCULUS LED - protective grid



OCULUS LED - protective grid (964862)

Card creation date: 09 January 2025

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



Lena Lighting S.A.
ul. Kórnicka 52, 63-000 Środa Wielkopolska
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: hello@lenalighting.pl, www.lenalighting.pl