

OCULUS LED P2 34650LM 840 IP66 I KL. 55D SP10KV 206W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	963827
Ingress protection:	IP66
Impact resistance:	IK09
Nominal power [W]:	206
Luminous flux [lm]*:	34650
Colour temperature [K]:	4000
Colour rendering index:	80
SDCM:	≤ 3
Electrical protection class:	I
Energy efficiency class:	C

CHARACTERISTICS

OCULUS LED is a HIGH-BAY luminaire from the NEXT GEN product line, which is a new generation of luminaires dedicated to LED technology. The body, designed from scratch, made of die-cast aluminum and powder coated, uses natural conduction and convection processes, which have a positive effect on the lamp's heat efficiency. The shape of the body with an integrated, effective heatsink and high-quality materials ensure maximum heat dissipation from the LED module. The driver's external compartment, separated from the body, guarantees optimal thermal working conditions for the power supply system. This enables the luminaire to work in an ambient temperature of max 60°C. LEDs from a reputable manufacturer and new LED modules enable very high luminous efficiency: max 160 lm/W. This guarantees that the required lighting level and significant energy savings are achieved. Standard luminaire is equipped with a 0.3 m long H07RN-F cable terminated with an additional male and female connector, which makes the assembly easier and more convenient. Its construction is adapted for mounting:

- on the lighting pole, mast (P1 – Ø 60-120mm),
- on the lighting pole, mast - to the crossbar; surface (P2).

APPLICATION

The luminaire is designed to illuminate open spaces: parking lots, squares, sports facilities.

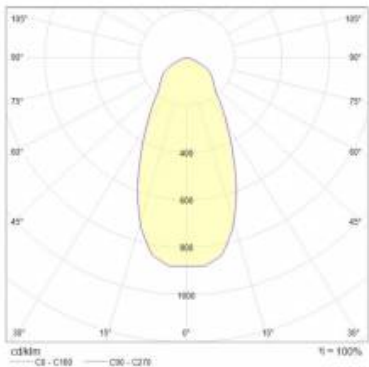
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TECHNICAL PARAMETERS TABLE

Index:	963827	Impact resistance:	IK09
Light source:	LED module	Ingress protection:	IP66
Nominal power [W]:	206	Mounting version:	to the crossbar; surface
Rated power of the luminaire [W]:	224	Working temperature [°C]:	from -25 to +45
Supply voltage [V]:	220-240	Cable length [m]:	0.30
Frequency [Hz]:	50 - 60	Net weight [kg]:	4.756
Luminous flux [lm]:	34650	Category type:	floodlights
Luminous efficacy [lm/W]:	160	Category of application:	industrial
Energy efficiency class:	C	AC voltage range [V]:	198-264
Electrical protection class:	I	DC voltage range [V]:	176-280
Colour temperature [K]:	4000	LED lifespan L70B50 [h]:	108000
Colour rendering index:	80	LED lifespan L80B20 [h]:	71000
SDCM:	≤ 3	LED lifespan L90B10 [h]:	33000
Power factor:	0.98	Version:	P2
Surge protection [kV]:	4	The number of implement units:	2
Diffuser material:	PC	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Diffuser type:	transparent	Warranty [years]:	5
Optics material:	PC	CE certificate:	89/2020
Optics:	lens	PZH certificate:	B-BK-60212-0481/21
Material of the body:	powder coated aluminium	Environmental Product Declaration (EPD):	816/2025
Colour of the body:	grey	Manual:	Download PDF
Dimensions (H/W/T/S) [mm]:	106/371	Plik LDT:	Download

LIGHT CURVES

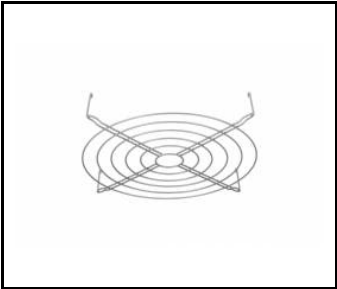


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ACCESSORIES AVAILABLE

index	Name
964862	OCULUS LED - protective grid



OCULUS LED - protective grid (964862)

Card creation date:10 July 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 andelectronic waste equipment regulations (WEEE).

 Certificate CE - Nr: 89/2020