

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

DETAILED CARD



## TECHNICAL PARAMETERS

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

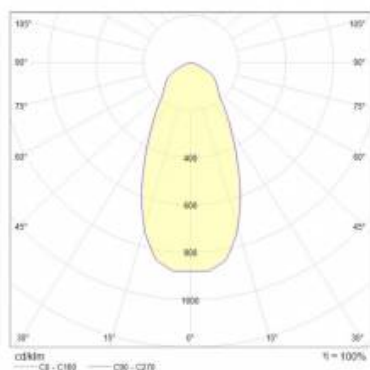
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## TECHNICAL PARAMETERS TABLE

Index:	963827	Dimensions (H/W/T/S) [mm]:	106/371
Light source:	LED module	Impact resistance:	IK09
Nominal power [W]:	206	Ingress protection:	IP66
Rated power of the luminaire [W]:	224	Mounting version:	to the crossbar; surface
Supply voltage [V]:	220-240	Working temperature [°C]:	from -25 to +45
Frequency [Hz]:	50 - 60	Cable length [m]:	0.30
Luminous flux [lm]:	34650	Net weight [kg]:	4.756
Luminous efficacy [lm/W]:	160	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:	>80	LED lifespan L70B50 [h]:	108000
SDCM:	≤ 3	LED lifespan L80B20 [h]:	71000
Power factor:	0.98	LED lifespan L90B10 [h]:	33000
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:	<a href="#">89/2020</a>
Material of the body:	powder coated aluminium	PZH certificate:	<a href="#">B-BK-60212-0481/21</a>
Colour of the body:	grey	Manual:	<a href="#">Download PDF</a>

## LIGHT CURVES

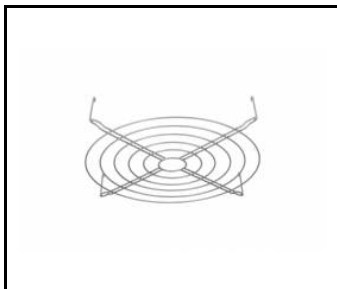


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## ACCESSORIES AVAILABLE

index	Name
964862	OCULUS LED - protective grid



OCULUS LED - protective grid (964862)

Card creation date: 30 September 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: 89/2020