

# OCULUS LED P1 34650LM 840 IP66 I KL. 55D SP10KV 206W

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	963834
<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.

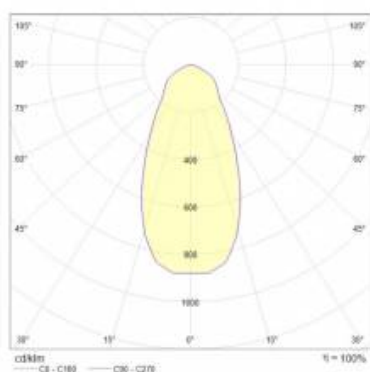
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## TECHNICAL PARAMETERS TABLE

<b>Index:</b>	963834	<b>Impact resistance:</b>	IK09
<b>Light source:</b>	LED module	<b>Ingress protection:</b>	IP66
<b>Nominal power [W]:</b>	206	<b>Mounting version:</b>	on the pole
<b>Rated power of the luminaire [W]:</b>	224	<b>Working temperature [°C]:</b>	from -25 to +45
<b>Supply voltage [V]:</b>	220-240	<b>Cable length [m]:</b>	0.30
<b>Frequency [Hz]:</b>	50 - 60	<b>Net weight [kg]:</b>	5.759
<b>Luminous flux [lm]:</b>	34650	<b>Category type:</b>	floodlights
<b>Luminous efficacy [lm/W]:</b>	160	<b>Category of application:</b>	industrial
<b>Energy efficiency class:</b>	C	<b>AC voltage range [V]:</b>	198-264
<b>Electrical protection class:</b>	I	<b>DC voltage range [V]:</b>	176-280
<b>Colour temperature [K]:</b>	4000	<b>LED lifespan L70B50 [h]:</b>	108000
<b>Colour rendering index:</b>	80	<b>LED lifespan L80B20 [h]:</b>	71000
<b>SDCM:</b>	≤ 3	<b>LED lifespan L90B10 [h]:</b>	33000
<b>Power factor:</b>	0.98	<b>Version:</b>	P1
<b>Surge protection [kV]:</b>	4	<b>The number of implement units:</b>	2
<b>Diffuser material:</b>	PC	<b>Photobiological safety:</b>	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
<b>Diffuser type:</b>	transparent	<b>Warranty [years]:</b>	5
<b>Optics material:</b>	PC	<b>CE certificate:</b>	<a href="#">89/2020</a>
<b>Optics:</b>	lens	<b>PZH certificate:</b>	<a href="#">B-BK-60212-0481/21</a>
<b>Material of the body:</b>	powder coated aluminium	<b>Environmental Product Declaration (EPD):</b>	<a href="#">816/2025</a>
<b>Colour of the body:</b>	grey	<b>Manual:</b>	<a href="#">Download PDF</a>
<b>Dimensions (H/W/T/S) [mm]:</b>	106/371	<b>Plik LDT:</b>	<a href="#">Download</a>

## LIGHT CURVES

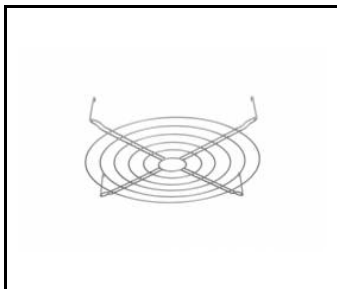


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## ACCESSORIES AVAILABLE

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 and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 89/2020