## OCULUS LED DALI 45800LM 740 IP66 I KL. GLASS 105D SP10KV 294W

**DETAILED CARD** 





### **TECHNICAL PARAMETERS**

ndex:	977626
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Nominal power [W]: 294

Luminous flux [lm]\*: 45800

Colour temperature [K]: 4000

Electrical protection class:

Energy efficiency class: C

**Material of the body:** powder coated aluminium

**Diffuser material:** tempered glass

Beam angle [°]: 105

Working temperature [°C]: from -25 to +35

#### **CHARACTERISTICS**

OCULUS LED is a HIGH-BAY luminaire from the NEXT GEN product line, constituting a new generation of luminaires dedicated to LED technology. The designed-from-scratch body — made of die-cast aluminium and powder coated — uses natural conduction and convection processes, which have a positive effect on luminaire's heat management. The shape of the body with an integrated, effective heat sink 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 176 lm/W. This guarantees that the required lighting level and significant energy savings are achieved. The diffuser and optical system are composed of precise linear lenses made of polycarbonate (PC). There are 3 dedicated ranges of light distribution available: 55°, 75°, 105°, GLASS version with tempered glass (without lenses) and 105° distribution is also available.

Standard 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

Available version with radio motion sensor:

- allowing additional savings in electricity consumption
- convenient change of parameters by remote control (to be purchased separately).

Its design is adapted for suspended mounting and surface mounting (ceiling and wall) requiring the use of additional accessories.

### **APPLICATION**

The luminaire is intended for suspended mounting (using chains, wires, etc.) both indoors and outdoors. It will prove perfect for manufacturing plants and halls as well as large-format warehouses and logistics centres.



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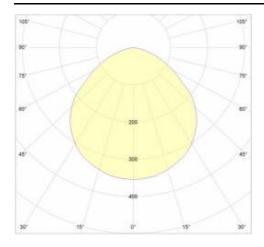
**DETAILED CARD** 

### **TECHNICAL PARAMETERS TABLE**

Index:	977626
EAN:	5905963977626
Light source:	LED module
Nominal power [W]:	294
Rated power of the luminaire [W]:	316
Supply voltage [V]:	220-240
Frequency [Hz]:	50-60
Luminous flux [Im]:	45800
Luminous efficacy [lm/W]:	145
Energy efficiency class:	С
Electrical protection class:	I
Colour temperature [K]:	4000
Colour rendering index:	70
SDCM:	≤ 5
Power factor:	0.96
Beam angle [°]:	105
Surge protection [kV]:	4
Diffuser material:	tempered glass
Diffuser type:	transparent
Diffuser colour:	transparent
Material of the body:	powder coated aluminium
Colour of the body:	grey
Dimensions (H/W/T/S) [mm]:	125/371

Ingress protection:  Mounting version:  Working temperature [°C]:  DIMM DALI:  The number of implement units:  Cable length [m]:  Dimensions of single box [mm]:  Net weight [kg]:  AC voltage range [V]:  LED lifespan L70B50 [h]:  LED lifespan L90B10 [h]:  LED lifespan L90B10 [h]:  Warranty [years]:  ENEC Certificate:  CE certificate:  PZH certificate:  HACCP:  Environmental Product Declaration (EPD):  Manual:  Plik LDT:  Infrom -25 to +35  yus suspended  susp	Impact resistance:	IK09
Working temperature [°C]:  DIMM DALI:  The number of implement units:  Cable length [m]:  Dimensions of single box [mm]:  Net weight [kg]:  Category type:  AC voltage range [V]:  LED lifespan L70B50 [h]:  LED lifespan L80B20 [h]:  LED lifespan L90B10 [h]:  Warranty [years]:  ENEC Certificate:  CE certificate:  PZH certificate:  HACCP:  Environmental Product Declaration (EPD):  Manual:  food  from -25 to +35  yes  from -25 to +35  yes  from -25 to +35  yes  5  6.30  0.30  135/372/372  3.700  high-bay and low-bay 100-270  100-270  123000	Ingress protection:	IP66
DIMM DALI:         yes           The number of implement units:         2           Cable length [m]:         0.30           Dimensions of single box [mm]:         135/372/372           Net weight [kg]:         3.700           Category type:         high-bay and low-bay           AC voltage range [V]:         100-270           LED lifespan L70B50 [h]:         196000           LED lifespan L80B20 [h]:         123000           LED lifespan L90B10 [h]:         60000           Warranty [years]:         5           ENEC Certificate:         153/2023           PZH certificate:         B-BK-60212-0481/21           HACCP:         852/2004           Environmental Product Declaration (EPD):         816/2025           Manual:         Download PDF	Mounting version:	suspended
The number of implement units:  Cable length [m]:  Dimensions of single box [mm]:  Net weight [kg]:  Category type:  high-bay and low-bay  AC voltage range [V]:  LED lifespan L70B50 [h]:  LED lifespan L80B20 [h]:  LED lifespan L90B10 [h]:  Warranty [years]:  ENEC Certificate:  CE certificate:  PZH certificate:  HACCP:  Environmental Product Declaration (EPD):  Manual:  Download PDF	Working temperature [°C]:	from -25 to +35
Cable length [m]:       0.30         Dimensions of single box [mm]:       135/372/372         Net weight [kg]:       3.700         Category type:       high-bay and low-bay         AC voltage range [V]:       100-270         LED lifespan L70B50 [h]:       196000         LED lifespan L80B20 [h]:       123000         LED lifespan L90B10 [h]:       60000         Warranty [years]:       5         ENEC Certificate:       153/2023         PZH certificate:       B-BK-60212-0481/21         HACCP:       852/2004         Environmental Product Declaration (EPD):       816/2025         Manual:       Download PDF	DIMM DALI:	yes
Dimensions of single box [mm]: 135/372/372   3.700	The number of implement units:	2
Net weight [kg]:         3.700           Category type:         high-bay and low-bay           AC voltage range [V]:         100-270           LED lifespan L70B50 [h]:         196000           LED lifespan L80B20 [h]:         123000           LED lifespan L90B10 [h]:         60000           Warranty [years]:         5           ENEC Certificate:         153/2023           PZH certificate:         B-BK-60212-0481/21           HACCP:         852/2004           Environmental Product Declaration (EPD):         816/2025           Manual:         Download PDF	Cable length [m]:	0.30
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AC voltage range [V]: 100-270  LED lifespan L70B50 [h]: 196000  LED lifespan L80B20 [h]: 123000  LED lifespan L90B10 [h]: 60000  Warranty [years]: 5  ENEC Certificate: 153/2023  PZH certificate: B-BK-60212-0481/21  HACCP: 852/2004  Environmental Product Declaration (EPD): 816/2025  Manual: Download PDF	Net weight [kg]:	3.700
LED lifespan L70B50 [h]:       196000         LED lifespan L80B20 [h]:       123000         LED lifespan L90B10 [h]:       60000         Warranty [years]:       5         ENEC Certificate:       153/2023         PZH certificate:       B-BK-60212-0481/21         HACCP:       852/2004         Environmental Product Declaration (EPD):       816/2025         Manual:       Download PDF	Category type:	high-bay and low-bay
LED lifespan L80B20 [h]:       123000         LED lifespan L90B10 [h]:       60000         Warranty [years]:       5         ENEC Certificate:       153/2023         PZH certificate:       B-BK-60212-0481/21         HACCP:       852/2004         Environmental Product Declaration (EPD):       816/2025         Manual:       Download PDF	AC voltage range [V]:	100-270
LED lifespan L90B10 [h]:       60000         Warranty [years]:       5         ENEC Certificate:       153/2023         PZH certificate:       B-BK-60212-0481/21         HACCP:       852/2004         Environmental Product Declaration (EPD):       816/2025         Manual:       Download PDF	LED lifespan L70B50 [h]:	196000
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CE certificate:         153/2023           PZH certificate:         B-BK-60212-0481/21           HACCP:         852/2004           Environmental Product Declaration (EPD):         816/2025           Manual:         Download PDF	Warranty [years]:	5
PZH certificate:  B-BK-60212-0481/21  HACCP:  Environmental Product Declaration (EPD):  Manual:  Download PDF	ENEC Certificate:	
HACCP: 852/2004 Environmental Product Declaration (EPD): 816/2025 Manual: Download PDF	CE certificate:	<u>153/2023</u>
Environmental Product Declaration (EPD): 816/2025  Manual: Download PDF	PZH certificate:	B-BK-60212-0481/21
Manual: Download PDF	HACCP:	<u>852/2004</u>
	Environmental Product Declaration (EPD):	<u>816/2025</u>
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### **LIGHT CURVES**





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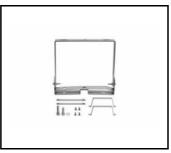
**DETAILED CARD** 

### **ACCESSORIES AVAILABLE**

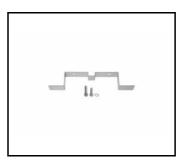
index	Name
964244	OCULUS LED - RCR motion sensor
964886	OCULUS LED - universal handle-lack of compatibility with Dali version 294W
964893	OCULUS LED - surface mounting handle-lack of compatibility with Dali version 294W
964862	OCULUS LED - protective grid
963674	OCULUS LED - RCR / PIR DALI motion sensor
WSEL438	Remote control for motion sensor HD01R
WSEL415	WSEL415 Remote control for - PIR sensor



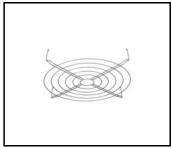
OCULUS LED - RCR motion sensor (964244)



OCULUS LED - universal handle-lack of compatibility with Dali version 294W (964886)



OCULUS LED - surface mounting handle-lack of compatibility with Dali version 294W (964893)



OCULUS LED - protective grid (964862)



OCULUS LED - RCR / PIR DALI motion sensor (963674)



Remote control for motion sensor HD01R (WSEL438)



WSEL415 Remote control for - PIR sensor (WSEL415)

Card creation date: 10 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%

