

# OVAL LED BASIC 450LM 840 IP44 (4.7W)

DETAILED CARD



## TECHNICAL PARAMETERS

Index:	233623
Ingress protection:	IP44
Impact resistance:	IK07
Nominal power [W]:	4.70
Luminous flux [lm]*:	450
Colour temperature [K]:	4000
Energy efficiency class:	F
Material of the body:	PP
Diffuser material:	PC

## CHARACTERISTICS

Surface-mounted, modern technical bulkhead suitable for installing on walls and ceilings. Its design allows surface mounted wiring as well as through wiring. Available in 4W version, with 360 lumens light output. Equipped with an opal diffuser made of Makrolon® LED (Bayer) providing excellent dispersion and allowing up to 93% light transmission. The unique, patented design, includes direct installation of LED panels on the diffuser. The diffuser is connected to the base on a movable hinge, which provides easy access to the terminal block and mounting points of the lamp. The fitting is highly impact-resistant IK10 and has ingress protection class IP44.

## APPLICATION

Dedicated for both indoor (rooms with high humidity, passageways, staircases, and basements) and outdoor use (industrial façade lighting, car parks). Easy access to mounting points. Through-wiring system. Gaskets. Easy access to the terminal lock. Easy access to the mounting holes. Installation of LED panels directly on the diffuser.

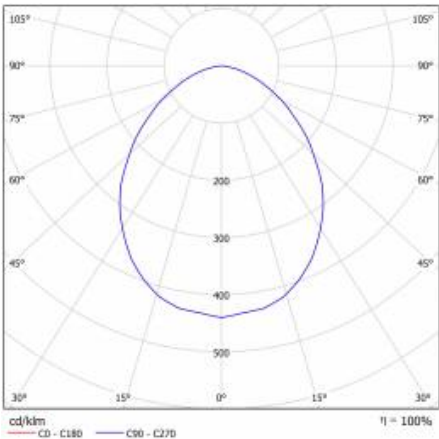
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## TECHNICAL PARAMETERS TABLE

Index:	233623	Dimensions (H/W/T/S) [mm]:	160/85/45
EAN:	5905963233623	Mounting dimensions [mm]:	65
Light source:	LED module	Impact resistance:	IK07
Nominal power [W]:	4.70	Ingress protection:	IP44
Rated power of the luminaire [W]:	4.70	Mounting version:	surface
Supply voltage [V]:	220-240	Working temperature [°C]:	from 0 to +25
Frequency [Hz]:	50 - 60	Permeability factor of the diffuser:	0.93
Luminous flux [lm]:	450	Category type:	bulkheads
Luminous efficacy [lm/W]:	96	Category of application:	industrial
Energy efficiency class:	F	LED lifespan L70B50 [h]:	132000
Electrical protection class:	II	LED lifespan L80B20 [h]:	84000
Colour temperature [K]:	4000	Light distribution type:	open space
Color rendering index (Ra) >:	80	Dimensions of bulk box (H/W/D) [mm]:	595/380/110
Beam angle [°]:	120	ETIM class:	EC001058
Surge protection [kV]:	1	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Diffuser material:	PC	Warranty [years]:	3
Diffuser type:	OPAL	CE certificate:	<a href="#">401/2023</a>
Material of the body:	PP	Manual:	<a href="#">Download PDF</a>
Colour of the body:	white	Pliik LDT:	<a href="#">Download</a>

## LIGHT CURVES



# OVAL LED BASIC 450LM 840 IP44 (4.7W)

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## ACCESSORIES AVAILABLE

index	Name
233661	Oval LED Basic 840 (4.7W) light module



Oval LED Basic 840 (4.7W) light module (233661)

Card creation date: 27 May 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: 401/2023