



Optimus

IP44 60W/840 DA2 PCO WH

The low-profile Optimus IP44 luminaire is a versatile lighting solution for industrial facilities, commercial properties, warehouses, corridors and wet spaces. The product is equipped with a keyhole slot for easy installation. It can be mounted on a ceiling, a wall and on a suspension rail. The range consists of two colour temperatures and three lengths. Mounting fixtures designed for population shelters are also available for the product (A20PKD).

Optimus Industrial luminaire 60W 4000K 6000lm Dim Dali-2; IP44; IK08; Protection cl. I; L70B50 60000h; LED not exchangeable; CRI>80; SDCM3; Suitable for through wiring; 5x2.5mm²; Housing Steel; Colour wh; Cover Plastic, opal



IP44 60W/840 DA2 PCO WH

PRODUCT CODE	CODE	KG	PRODUCT FAMILY
A2KEAD-DALI	A2KEAD-DALI	2.61	Optimus

Mounting	
Suitable for wall mounting	Yes
Suitable for suspended mounting	No
Suitable for ceiling mounting	Yes
Suitable for recessed mounting	No
Suitable for surface mounting	Yes
Suitable for light line configuration	No
Fit for workplace acc. EN 12464-1	No
Degree of protection (IP)	IP44
Impact strength	IK08
Luminaire with limited surface temperature, class "D" in acc. with EN 60598-2-24	Yes
Suitable for emergency lighting	No
Luminaire may be covered with thermally insulating material	blank
Type of wiring	Suitable for thorough wiring
Number of poles	5
Conductor cross section (mm²)	2.5
Connection type	Screwless terminal

Structure	
Lamp type	LED not exchangeable
With lamp	Yes
Suitable for number of lamps	1
Lamp holder	Other
Housing material	Steel
Housing surface protection	Powder coating
Housing colour	White
Cover material	Plastic, opal
Type of grid	White
Control gear included	Yes
Energy efficiency class of light source according to EU regulation 2019/2015	E
With air slots	No
Filament test according to IEC 60695-2-11	650 °C - 30 s

Dimming and control	
Dimming 0-10 V	No
Dimming 1-10 V	No
Dimming DALI-2	Yes
Dimming DALI	No
Dimming DMX	No
Dimming DSI	No
Dimming potentiometer (integrated)	No
Dimming LineSwitch	No
Dimming manufacturer's proprietary system	No
Dimming mains voltage modulation	No
Dimming phase cut-off	No
Dimming phase cut-on	No
Dimming programmable	No
Dimming RF	No
Dimming Sine Wave Reduction	No
Dimming Touch and Dim	No
Dimming Zigbee	No
Dimming with push-button	No
No dimming function	No
With movement sensor	No
With light sensor	No
Bluetooth operated	No
Compatible with Casambi	No

Photometric data	
Light distributor	None
Light sharing	Symmetric
Beam angle	Open beam
Colour consistency (McAdam ellipse)	SDCM3
Light outlet	Direct
Effective luminous flux (lm)	6000
Colour of light (alphanumeric)	White
Colour temperature (min) (K)	4000
Colour temperature (max) (K)	4000
Colour rendering index CRI	80-89
Photobiological safety according to EN 62471	RG0
Colour temperature switchable	No

Lifetime and capacity	
Rated life time L70/B50 at 25 °C (h)	60000
Rated ambient temperature acc. IEC62722-2-1 (min) (°C)	0
Rated ambient temperature acc. IEC62722-2-1 (max) (°C)	25

Measurements	
Width (mm)	144
Height/depth (mm)	65
Length (mm)	1500

Electrotechnical data	
Voltage type	AC
Nominal voltage (min) (V)	220
Nominal voltage (max) (V)	240
Nominal current (min) (mA)	120
Type of control gear	LED operating device current-controlled
Protection class	I
Suitable for lamp power (min) (W)	60
Suitable for lamp power (max) (W)	60
Maximum system power (W)	60
Luminaire efficacy (lm/W)	100
Power factor	0.9