

Optimus MP

600 IP44 20W 2600lm ACMP

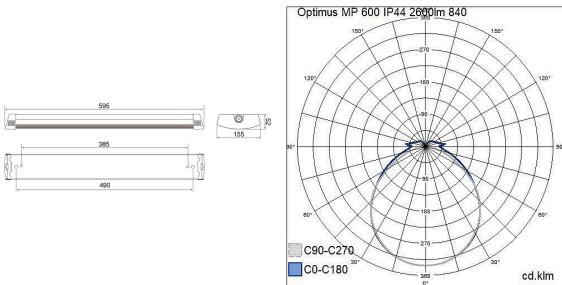
Industrial luminaire

Optimus MP is an excellent choice when you need a versatile and energy-efficient industrial luminaire. The luminaire has a low profile and a microprism diffuser that provides even light. The luminaire comes with a satin film that reduces glare and provides even light. You can increase the light output by removing the film. Optimus MP is suitable for industrial spaces, commercial buildings, warehouses, parking garages, carports, hallways and damp areas. The series has three different lengths and the power can be changed between four different options. The luminaire has an excellent lumen/watt ratio and lifespan.

Optimus MP Industrial luminaire 11W-20W 3000K/4000K 2600lm No dim; IP44; IK07; Protection cl. I; L70B50 100000h; LED not exchangeable; CRI>80; SDCM3; Through-wired; 5x2.5mm²; Housing Steel; Colour wh; Cover Plastic, structured; C16 max. 108

Stocked: Yes

600 IP44 20W 2600lm ACMP			
PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4338596	4338596	1.5	Optimus MP



600 IP44 20W 2600lm ACMP

EC002892 Ceiling / wall luminaire

Mounting		Structure	
Suitable for wall mounting	Yes	With mounting material	Yes
Suitable for suspended mounting	Yes	Lamp type	LED not exchangeable
Suitable for ceiling mounting	Yes	Light source included	Yes
Suitable for recessed mounting	No	Suitable for number of lamps	2
Suitable for surface mounting	Yes	Lamp holder	Other
Suitable for light line configuration	No	Housing material	Steel
Suitable for clamp-mounting	Yes	Housing surface protection	Powder coating
Fit for workplace acc. EN 12464-1	No	Housing colour	White
Degree of protection (IP)	IP44	Cover material	Plastic, structured
Degree of protection (IP), rear side	IP44	Type of grid	Matt
Degree of protection (IP), front side	IP44	Control gear included	Yes
Max. number of luminaires per miniature circuit breaker C10 (MCB)	65	Exchangeable control gear	Yes
Max. number of luminaires per miniature circuit breaker B16	46	Energy efficiency class of light source according to EU regulation 2019/2015	B
Max. number of luminaires per miniature circuit breaker C16	108	Containing product according to 2019/2020/EU	Yes
Impact strength	IK07	Emergency power supply system	None
Luminaire with limited surface temperature, class "D" in acc. with EN 60598-2-24	Yes	Emergency power supply integrated	No
Suitable for emergency lighting	No	With switch	No
Emergency function monitoring system	None	With air slots	No
Luminaire may be covered with thermally insulating material	-	Filament test according to IEC 60695-2-11	650 °C - 30 s
Type of wiring	Through-wired	Electrotechnical data	
Number of poles	5	Voltage type	AC
Conductor cross section (mm ²)	2.5 mm ²	Nominal voltage (min) (V)	220 V
Connection type	Screwless terminal	Nominal voltage (max) (V)	240 V
Connectable conductor cross section (min) (mm ²)	1.5 mm ²	Nominal current (min) (mA)	200 mA
Connectable conductor cross section (max) (mm ²)	2.5 mm ²	Nominal current (max) (mA)	350 mA
		Type of control gear	LED operating device current-controlled
		Protection class according to IEC 61140	I
		Suitable for lamp power (min) (W)	11 W
		Suitable for lamp power (max) (W)	20 W
		Luminaire efficacy (min) (lm/W)	130 lm/W
		Luminaire efficacy (max) (lm/W)	130 lm/W
		Maximum system power (W)	20 W
		Luminaire efficacy (lm/W)	130 lm/W
		Power factor	0.9
		Total harmonic distortion (THD) (%)	20 %
		Total harmonic distortion	20 THD

Dimming and control	
Dimmable	No
Dimming 0-10 V	No
Dimming 1-10 V	No
Dimming DALI	No
Dimming DALI-2	No
Dimming DMX	No
Dimming DSI	No
Dimming LineSwitch	No
Dimming manufacturer's proprietary system	No
Dimming mains voltage modulation	No
Dimming trailing edge	No
Dimming leading edge	No
Dimming programmable	No
Dimming potentiometer (integrated)	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	Yes
With presence indicator	No
With movement sensor	No
With light sensor	No
Constant luminous flux control	No
Bluetooth operated	No
Compatible with Casambi	No
Compatible with Apple HomeKit	No
Compatible with Google Assistant	No
Compatible with Amazon Alexa	No
IFTTT support available	No

Photometric data	
Light distributor	Diffuser lens/optic/panel
Light sharing	Symmetric
Beam angle	Extreme wide beam >80°
Colour consistency (McAdam ellipse)	SDCM3
Light outlet	Direct
Rated luminous flux according to IEC 62722-2-1 (min) (lm)	1430 lm
Rated luminous flux according to IEC 62722-2-1 (max) (lm)	2600 lm
Colour of light (alphanumeric)	White
Effective luminous flux (lm)	2600 lm
Colour temperature (min) (K)	3000 K
Colour temperature (max) (K)	4000 K
Flickering value Pst LM	1
Colour rendering index (CRI/Ra)	80-89
Stroboscope effect value SVM	0.4
Photobiological safety according to EN 62471	RG0
Unified Glare Rating (UGR)	22
Colour temperature switchable	Discrete positions
Lumen setting adjustable	Positions
Beam angle adjustable	No

Lifetime and capacity	
Rated life time L70/B50 at 25 °C (h)	100000 h
Rated life time L80/B50 at 25 °C	100000 h
Lumen maintenance at median useful life of 35,000 hrs at 25 °C ambient (tq) (%)	95 %
Lumen maintenance at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)	90 %
Lumen maintenance at median useful life of 75,000 hrs at 25 °C ambient (tq) (%)	85 %
Failure rate at median useful life of 35,000 hrs at 25 °C ambient (tq) (%)	5 %
Failure rate at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)	5 %
Failure rate at median useful life of 75,000 hrs at 25 °C ambient (tq) (%)	10 %
Rated ambient temperature acc. IEC62722-2-1 (min) (°C)	-20 °C
Rated ambient temperature acc. IEC62722-2-1 (max) (°C)	40 °C

Measurements	
Width (mm)	155 mm
Height/depth (mm)	52 mm
Length (mm)	595 mm