PHILIPS Lighting



Maxos fusion

LL523X LED62S/840 PSD DA25N 7 WH

Maxos fusion Panel, 840 neutral white, Power supply unit with DALI interface, Double asymmetric optic narrow beam, White

Maxos fusion is an adaptable LED trunking system that offers an excellent quality of light while more than halving energy costs compared to fluorescent lamps. For retail applications, a family of linear panels, non-linear modules and a spot portfolio can be smoothly integrated into the track backbone to let your merchandise sparkle and stand out. For industrial applications, the focus is on reducing installation and maintenance cost by using fewer linear panels. With an electrical set-up of up to 13 wires, the freedom to position these fixtures as required and the integration of other services/third-party hardware, the system allows you to reduce ceiling clutter. It can also be easily re-configured to accommodate future layout changes. The infrastructure is enabled to integrate sensors for data collection, giving you the opportunity to use insightful granular information to support your business.

Product data

General Information	
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Remarks	*- According to the Lighting Europe
	guidance paper 'Evaluating performance of
	LED based luminaires – January 2018':
	statistically there is no relevant difference in
	lumen maintenance between the B50 and,
	for example, the B10. Therefore, the median
	useful life (B50) value also represents the
	B10 value.
Product family code	LL523X [Maxos fusion Panel]

Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	6,200 lm

Maxos fusion

Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	151 lm/W
Colour rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Beam angle of light source	120 degree(s)
Light source colour	840 neutral white
Optic type	Double asymmetric optic narrow beam
Luminaire light beam spread	72° x 90°
Unified Glare Rating (CEN)	22
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	21 A
Inrush time	0.28 ms
Power Consumption	41 W

0.98

-

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-20 to +35 °C

Connection unit 7-pole

14 mm 14 x 62 x 2276 mm IP20 [Finger-protected] IKO2 [0.2 J standard] Lighting for circularity Safety class I +/-7% (0.34. 0.35) SDCM <3 +/-11% ant) 5 %
IP20 [Finger-protected] IK02 [0.2 J standard] Lighting for circularity Safety class I +/-7% (0.34. 0.35) SDCM <3 +/-11%
IK02 [0.2 J standard] Lighting for circularity Safety class I +/-7% (0.34. 0.35) SDCM <3
IK02 [0.2 J standard] Lighting for circularity Safety class I +/-7% (0.34. 0.35) SDCM <3 +/-11%
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10 %
L95
L85
25 ℃
1%
Not applicable
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LL523X LED62S/840 PSD DA25N 7 WH
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38456500
910925864339
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8/18090304303

8718696384565

в	

Temperature

Connection

Cable

Ambient temperature range

Power Factor (Fraction)

Number of products on MCB of 16 A type

Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

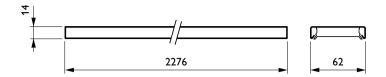
Mechanical and Housing

Housing material	Steel
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Housing Colour	White
Optical cover/lens finish	Textured
Overall length	2,276 mm
Overall width	62 mm

EAN/UPC - Case

Maxos fusion

Dimensional drawing





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