PHILIPS Lighting



Maxos fusion

LL523X LED62S/840 PSD DA25W 7 WH

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

Power Factor (Fraction)

Number of products on MCB of 16 A type

Connection Cable

Temperature

Dimmable

Control interface

Housing material

Reflector material Optic material

Fixation material

Housing Colour

Overall length

Overall width

Constant light output

Ambient temperature range

Controls and Dimming

Driver/power unit/transformer

Mechanical and Housing

Optical cover/lens material

Optical cover/lens finish

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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 wide beam		
Luminaire light beam spread	86° x 92°		
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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Yes

DALI

Steel

Steel

White

Textured

2,276 mm

62 mm

Polycarbonate

Polycarbonate

No

-20 to +35 °C

Power supply unit with DALI interface

Connection unit 7-pole

Overall height	14 mm		
Dimensions (height x width x depth)	14 x 62 x 2276 mm		
Approval and Application			
Ingress protection code	IP20 [Finger-protected]		
Mech. impact protection code	IK02 [0.2 J standard]		
Sustainability rating	Lighting for circularity		
Protection class IEC	Safety class I		
Initial Performance (IEC Compliant)			
Luminous flux tolerance	+/-7% (0.34. 0.35) SDCM <3		
Initial chromaticity			
Power consumption tolerance	+/-11%		
Over Time Performance (IEC Complia	ant)		
Control gear failure rate at median useful	5 %		
life 50,000 h			
Control gear failure rate at median useful	10 %		
life 100,000 h			
Lumen maintenance at median useful life*	L95		
50,000 h			
Lumen maintenance at median useful life*	L85		
100,000 h			
Application Conditions			
Performance ambient temperature Tq	25 °C		
Maximum dim level	1%		
Suitable for random switching	Not applicable		
Product Data			
Order product name	LL523X LED62S/840 PSD DA25W 7 WH		
Full product name	LL523X LED62S/840 PSD DA25W 7 WH		
Full EOC	871869638450300		
Order code	38450300		
Material no. (12 NC)	910925864333		
SAP numerator – quantity per pack	1		
EAN/UPC — Product/Case	8718696384503		

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8718696384503

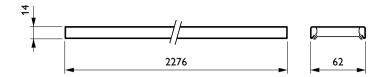
Datasheet, 2023, December 4

Numerator - packs per outer box

EAN/UPC - Case

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Dimensional drawing





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