

Maxos fusion

LL523X LED62S/840 PSD WB 7 SI

Maxos fusion Panel, 840 neutral white, Power supply unit with DALI interface, Wide beam, Silver

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

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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	Wide beam
Luminaire light beam spread	85° x 85°
Unified Glare Rating (CEN)	25

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
Power Factor (Fraction)	0.98
Connection	Connection unit 7-pole
Cable	-
Number of products on MCB of 16 A type B	24

Temperature

Ambient temperature range	-20 to +35 °C

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	Silver
Optical cover/lens finish	Textured
Overall length	2,276 mm
Overall width	62 mm
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%
Initial chromaticity	(0.34. 0.35) SDCM <3
Power consumption tolerance	+/-11%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance at median useful life* 50,000 h	L95
Lumen maintenance at median useful life* 100,000 h	L85

Application Conditions

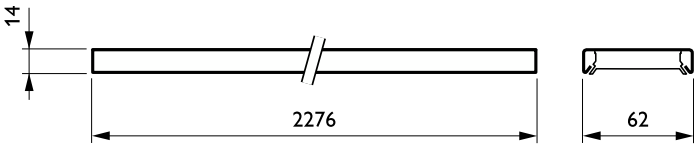
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Not applicable

Product Data

Order product name	LL523X LED62S/840 PSD WB 7 SI
Full product name	LL523X LED62S/840 PSD WB 7 SI
Full EOC	871869638468800
Order code	38468800
Material no. (12 NC)	910925864351
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696384688
Numerator – packs per outer box	1
EAN/UPC - Case	8718696384688

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Dimensional drawing



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