



Maxos fusion

LL523X LED123S/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 the 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 lay-out 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	1 unit
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically
	there is no relevant difference in lumen
	maintenance between B50 and for example
	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	12,300 lm
	10001/
Correlated Color Temperature (Nom)	4000 K

Datasheet, 2023, August 3 data subject to change

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Color rendering index (CRI) >80 Flickering value (PstLM) 1 Stroboscopic effect value (SVM) 0.4 Beam angle of light source 120 degree(s) Light source color 840 neutral white Optic type Double asymmetric optic narrow beam Luminaire light beam spread 72° x 90° Unified glare rating CEN 25 Operating and Electrical Input Voltage 220-240 V Line Frequency 50 to 60 Hz Inrush current 4.5 A Inrush time 1 ms Power Consumption 89 W Power Factor (Fraction) 0.97 Connection Connection unit 7-pole Cable - Number of products on MCB of 16 A type B 18 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 material Steel Housing Color White Optical cover finish Textured Overall leight of 14 mm Overall width 62 mm Overall leight 14 mm	Luminous Efficacy (rated) (Nom)	138 lm/W
Flickering value (PstLM) Stroboscopic effect value (SVM) Beam angle of light source Light source color Beam angle of light source Light source color Beam angle of light source Light source color Beam angle of light source Double asymmetric optic narrow beam Luminaire light beam spread 72° x 90° Unified glare rating CEN 25 Operating and Electrical Input Voltage Line Frequency 50 to 60 Hz Inrush current 4.5 A Inrush time 1 ms Power Consumption 89 W Power Factor (Fraction) 0.97 Connection Connection Connection Unit 7-pole Cable - Number of products on MCB of 16 A type B 18 Temperature Ambient temperature range -20 to +35 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Control interface Control interface Control interface Control interface Control interface Control interface Control material Polycarbonate Polycarbonate Fixation material Polycarbonate Fixation material Fixation material Fixation material Foveral length Overal length	Luminous Efficacy (rated) (Nom)	<u> </u>
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Housing Color White Optical cover finish Textured Overall length 2,276 mm Overall width 62 mm	Optical cover material	Polycarbonate
Optical cover finish Textured Overall length 2,276 mm Overall width 62 mm	Fixation material	Steel
Overall length 2,276 mm Overall width 62 mm	Housing Color	White
Overall width 62 mm	Optical cover finish	Textured
	Overall length	2,276 mm
Overall height 14 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 Complia	ant)
Control gear failure rate at median useful	5 %
life 50000 h	
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful life*	L95
50000 h	
Lumen maintenance at median useful life*	L85
100000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	1%
Suitable for random switching	Not applicable
Product Data	
Order product name	LL523X LED123S/840 PSD DA25N 7 WH
Full product name	LL523X LED123S/840 PSD DA25N 7 WH
Full product code	871869638458900
Order code	910925864341
Material Nr. (12NC)	910925864341
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696384589
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696384589

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Dimensional drawing



