



Maxos fusion

LL523X LED160S/840 PSD WB 7 WH

Maxos fusion, 127 W, 16000 lm, 4000 K, DALI, Wide beam, Textured, White, IP20

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
Product family code	LL523X [Maxos fusion Panel]
Lighting Technology	LED
Value ladder	Specification
Light Technical	
Luminous Flux	16,000 lm
Luminous Efficacy (rated) (Nom)	128 lm/W
Correlated Color Temperature (Nom)	4000 K

Color rendering index (CRI)	>80
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	85° x 85°
Unified glare rating CEN	22
Total harmonic distortion	20 %

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Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	5.1 A
Inrush time	0.76 ms
Power Consumption	127 W
Power Factor (Fraction)	0.99
Connection	Connection unit 7-pole
Cable	-
Number of products on MCB of 16 A type B	12
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	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover 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
Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces

CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
EU RoHS compliant	Yes
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.34. 0.35) SDCM <3
Power consumption tolerance	+/-11%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3
Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	0.50 %
Control gear failure rate at median useful life 50000 h	5 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 50000 h	L95
Lumen maintenance at median useful life* 100000 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 LED160S/840 PSD WB 7 WH
Full product name	LL523X LED160S/840 PSD WB 7 WH
Full product code	
Order code	910770210985
Material Nr. (12NC)	910770210985
Numerator - Quantity Per Pack	1
Net Weight (Piece)	2.400 kg
EAN/UPC - Product/Case	
Numerator - Packs per outer box	1
EAN/UPC - Case	

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Dimensional drawing

