



# Maxos fusion

## LL523X LED123S/840 PSD PCO 7 WH

Maxos fusion Panel - 840 neutral white - Power supply unit with DALI interface - Opal - 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		Protection class IEC	Safety class I (I)
Beam angle of light source	120 °	Glow-wire test	850/30 [ Temperature 850 °C, duration 30 s]
Light source colour	840 neutral white	Flammability mark	F [ For mounting on normally flammable surfaces]
Light source replaceable	No	CE mark	CE mark
Number of gear units	1 unit	ENEC mark	ENEC mark
Driver/power unit/transformer	PSD [ Power supply unit with DALI interface]	Warranty period	5 years
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
Optic type	Opal		
Luminaire light beam spread	180°		
Control interface	DALI		
Connection	CU7 [ Connection unit 7-pole]		
Cable	-		

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	useful life (B50) value also represents the B10 value.
Constant light output	No
Number of products on MCB (16 A type B)	18
EU RoHS compliant	Yes
Product family code	LL523X [ Maxos fusion Panel]
Unified glare rating CEN	25

### Operating and Electrical

Input Voltage	220–240 V
Input frequency	50 to 60 Hz
Inrush current	4.5 A
Inrush time	1 ms
Power factor (min.)	0.97

### Controls and Dimming

Dimmable	Yes
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### Mechanical and Housing

Housing material	Steel
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Optical cover/lens finish	Opal
Overall length	2276 mm
Overall width	80 mm
Overall height	37 mm
Height	37 mm
Colour	White
Dimensions (height x width x depth)	37 x 80 x 2276 mm (1.5 x 3.1 x 89.6 in)

### Approval and Application

Ingress protection code	IP20 [ Finger-protected]
Mech. impact protection code	IK02 [ 0.2 J standard]

### Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	10600 lm
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Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	119 lm/W
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	>80
Initial chromaticity	(0.34, 0.35) SDCM <3
Initial input power	89 W
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	L90
Lumen maintenance at median useful life* 100,000 h	-

### Application Conditions

Ambient temperature range	-20 to +35 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	1%
Suitable for random switching	Not applicable

### Product Data

Full product code	871869638416900
Order product name	LL523X LED123S/840 PSD PCO 7 WH
EAN/UPC – product	8718696384169
Order code	38416900
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	910925864298
SAP net weight (piece)	2.400 kg



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### Dimensional drawing



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