



# Maxos fusion

## LL523X LED123S/840 PSD NB 7 VLC WH XA

Maxos fusion, trunking light unit, Xtra (lm/W and lifetime), 68 W, L2276 mm, 12300 lm, 4000 K, DALI, Narrow beam, Textured, White, VLC, IP20

trunking light unit, Xtra (lm/W and lifetime), L2276 mm, Steel, White, Power supply unit with DALI interface, Visible light communication, 12300 lm, 68 W, 181 lm/W, 4000 K, (0.34. 0.35) SDCM <3, Narrow beam, Textured, Polycarbonate, IP20 | Finger-protected, IK02 | 0.2 J standard, Safety class I, Connection unit 7-pole

### Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes
Lighting Technology	LED
Value ladder	Specification
Warranty period	5 years
Light Technical	
Luminous Flux	12,300 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	181 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Narrow beam
Luminaire light beam spread	37° x 49°

Unified glare rating CEN	22
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	68 W
Power Factor (Fraction)	0.98
Connection	Connection unit 7-pole
Cable	-
Number of products on MCB of 16 A type B	18
Suitable for random switching	Not applicable
Protection class IEC	Safety class I
Total harmonic distortion	5 %

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Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
DALI Standard	DALI-2™
Maximum dim level	1%
Embedded control	Visible light communication

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
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	2.400 kg

Approval and Application	
Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 to +35 °C

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)	
Control gear failure rate at median useful life 50000 h	5 %

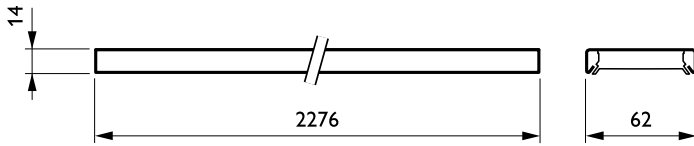
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L95
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L85

Sustainability Data	
Sustainability rating	Signify Circle
Repair class	Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and documentation are available for a period of time.
Embedded carbon (A1-A3)	25.6 kg CO <sub>2e</sub>
Product non-virgin material ratio	16 %
Recyclable content ratio of the finished product	57.5 %
GWP total B6 (kg CO <sub>2eq</sub> ) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO <sub>2eq</sub> / kWh)
GWP total B6 (kg CO <sub>2eq</sub> ) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) / Lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO <sub>2eq</sub> / kWh)
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard

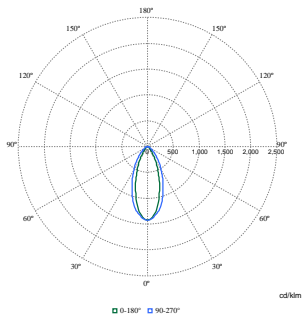
Product Data	
Order product name	LL523X LED123S/840 PSD NB 7 VLC WH XA
Full product name	LL523X LED123S/840 PSD NB 7 VLC WH XA
Full product code	871951415037900
Order code	910925867854
Material Nr. (12NC)	910925867854
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514150379
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514150379
Product family code	LL523X [Maxos fusion Panel]

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## Dimensional drawing



## Photometric data



Polar Normal (separate) - LL500XI - 910925867854

