



Maxos fusion

LL523X LED62S/840 DIA DA25W 7 WH HE

Maxos fusion, trunking light unit, 34.5 W, L2276 mm, 6200 lm, 4000 K, DALI, Interact Ready, Double asymmetric optic 25° narrow 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		Color rendering index (CRI)	
Number of gear units	1 unit		>80
Driver included	Yes	Beam angle of light source	120 degree(s)
Service tag	Yes	Light source color	840 neutral white
Value ladder	Specification	Optic type	Double asymmetric optic 25° narrow beam
Warranty period	5 years	Luminaire light beam spread	86° x 92°
		Unified glare rating CEN	22
Light Technical		Operating and Electrical	
Luminous Flux	6,200 lm	Input Voltage	220-240 V
Correlated Color Temperature (Nom)	4000 K	Line Frequency	50 to 60 Hz
Luminous Efficacy (rated) (Nom)	180 lm/W	Inrush current	25.1 A

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Inrush time	0.214 ms
Power Consumption	34.5 W
Power Factor (Fraction)	0.98
Connection	Connection unit 7-pole
Cable	-
Number of products on MCB of 16 A type B	21
Suitable for random switching	Not applicable
Protection class IEC	Safety class I
Total harmonic distortion	5 %

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Dali dimming Interact System ready
Control interface	DALI
Constant light output	No
DALI Standard	DALI-2™ with extended data: Parts 251/252/253
Maximum dim level	1%
Connectivity	Interact Ready

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]
Mounting	-
Net Weight (Piece)	2.400 kg

Emergency Operation

Central Emergency	No
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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
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%

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

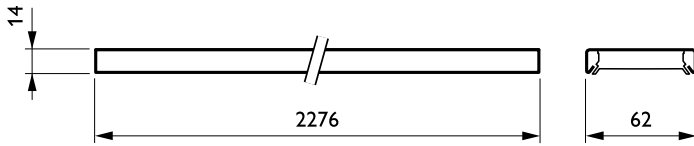
Sustainability rating	Signify Circle
Repair class	Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and documentation are available for a period of time.
Embedded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

Product Data

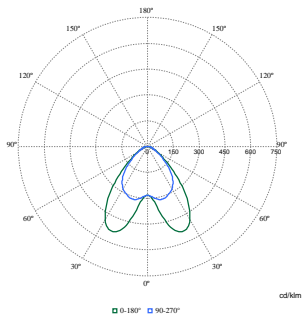
Order product name	LL523X LED62S/840 DIA DA25W 7 WH HE
Full product name	LL523X LED62S/840 DIA DA25W 7 WH HE
Full product code	872016988914900
Order code	910925870759
Material Nr. (12NC)	910925870759
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169889149
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169889149
Product family code	LL523X [Maxos fusion Panel]

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Dimensional drawing



Photometric data



Polar Normal (separate) - LL500XI - 910925870759

