



Maxos unify

LL551X 80S/840 NE DIA WB WH

Maxos unify, trunking light unit, 48 W, 1478 mm, 8000 lm, 4000 K, DALI, Interact Ready, Wide beam, Textured, White, IP20

An adaptable LED trunking system, combining the well proven advantages of an electrical track which allows flexible positioning of linear panels offering multiple flux/ length combinations with specially designed lenses to direct the light where needed. A solution allowing for new projects to be designed with optimal number of linear panels and a solution for retrofitting old installations - Bringing your application right up to date with the latest lighting possibilities. Now, and in the future.

Product data

General Information		Unified glare rating CEN	
Number of gear units	1 unit	Unified glare rating CEN	22
Driver included	Yes	Operating and Electrical	
Value ladder	Specification	Input Voltage	220-240 V
Warranty period	5 years	Line Frequency	50 to 60 Hz
Light Technical		Inrush current	18.8 A
Luminous Flux	8,000 lm	Inrush time	0.225 ms
Correlated Color Temperature (Nom)	4000 K	Power Consumption	48 W
Luminous Efficacy (rated) (Nom)	167 lm/W	Power Factor (Fraction)	0.98
Color rendering index (CRI)	>80	Connection	Connection unit 7-pole
Beam angle of light source	120 degree(s)	Cable	-
Light source color	840 neutral white	Number of products on MCB of 16 A type	29
Optic type	Wide beam	B	
Luminaire light beam spread	57° x 76°	Suitable for random switching	Not applicable
		Protection class IEC	Safety class I

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Total harmonic distortion	7 %
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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	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate
Fixation material	Steel
Housing Color	White
Optical cover finish	Textured
Overall length	1,478 mm
Overall width	62 mm
Overall height	14 mm
Dimensions (Height x Width x Depth)	14 x 62 x 1478 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Net Weight (Piece)	1.560 kg

Emergency Operation

Central Emergency	No
Emergency lighting	-

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%
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

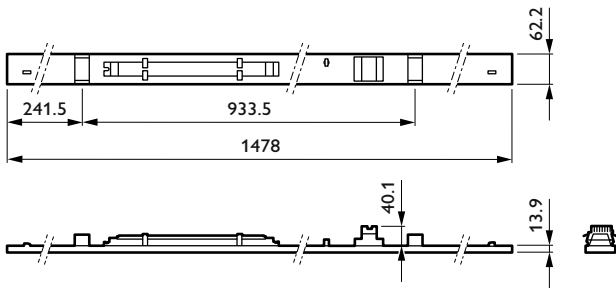
Sustainability rating	Signify Circle
Repair class	Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and documentation are available for a period of time.
Embedded carbon (A1-A3)	10.5 kg CO ₂ e
Product non-virgin material ratio	14.7 %
Recyclable content ratio of the finished product	50.6 %
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)
Packaging Material	Cardboard

Product Data

Order product name	LL551X 80S/840 NE DIA WB WH
Full product name	LL551X 80S/840 NE DIA WB WH
Full product code	872016995496000
Order code	910925870843
Material Nr. (12NC)	910925870843
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169954960
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169954960
Product family code	LL551X [Maxos unify panel 1478mm]

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Dimensional drawing



Photometric data



Polar Normal (separate) - LL550XI - 910925870843

