



Maxos unify

LL552X 62S/840 UE DIA WB WH

Maxos unify, trunking light unit, UltraEfficient, 31 W, 2215 mm, 6200 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		Color rendering index (CRI)	
Number of gear units	1 unit	Color rendering index (CRI)	>80
Driver included	Yes	Beam angle of light source	120 degree(s)
Value ladder	Specification	Light source color	840 neutral white
Serviceability class	Class B, luminaire is equipped with some serviceable parts (when applicable): driver, control units, surge protection device, front cover and mechanical parts	Optic type	Wide beam
Warranty period	5 years	Luminaire light beam spread	57° x 76°
Sustainability rating	Signify Circle	Unified glare rating CEN	19
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)	200 lm/W	Inrush current	36 A
		Inrush time	0.130 ms
		Power Consumption	31 W
		Power Factor (Fraction)	0.98
		Connection	Connection unit 7-pole

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Cable	-
Number of products on MCB of 16 A type B	25
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™
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	2,215 mm
Overall width	62 mm
Overall height	14 mm
Dimensions (Height x Width x Depth)	14 x 62 x 2215 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Net Weight (Piece)	2.400 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)

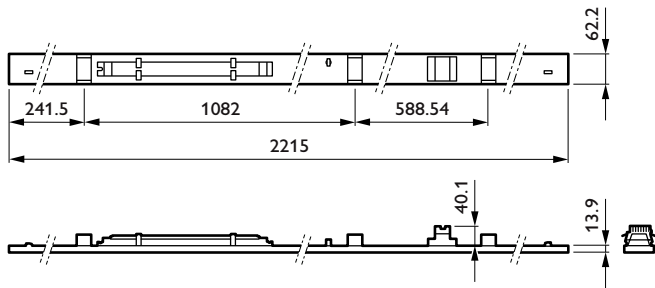
Control gear failure rate at median useful life 50000 h	5 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L95
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L85

Product Data

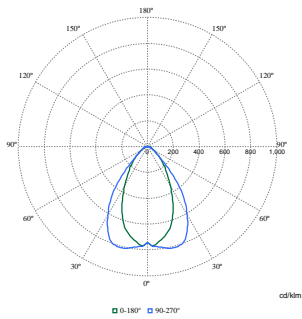
Order product name	LL552X 62S/840 UE DIA WB WH
Full product name	LL552X 62S/840 UE DIA WB WH
Full product code	872016995505900
Order code	95505900
Material Nr. (12NC)	910925870852
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169955059
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169955059
Product family code	LL552X [Maxos unify panel 2215mm]

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Dimensional drawing



Photometric data



Polar Normal (separate) - LL550XI - 910925870852

