



Maxos unify

LL553X 105S/840 NE DIA WB C-2R WH

Maxos unify, trunking light unit, 65 W, L1478 mm, 10500 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	
Number of gear units	1 unit
Driver included	Yes
Value ladder	Specification
Serviceability class	Class B. luminaire is equipped with some serviceable parts (when applicable): driver, control units, surge protection device, front cover and mechanical parts
Warranty period	5 years
Sustainability rating	Signify Circle
Light Technical	
Luminous Flux	10,500 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	162 lm/W
Color rendering index (CRI)	>80

Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	57° x 76°
Unified glare rating CEN	22

Sustainability Data	
Product non-virgin material ratio	14.7 %
GWP total B6 (kg CO2eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO2eq / kwh)
GWP total B6 (kg CO2eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000

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	(lm) /lumen output (lm) Declared Unit *
	35000 (hrs) * Energy mix (kg CO2 eq / kwh)

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	27.7 A
Inrush time	0.230 ms
Power Consumption	65 W
Power Factor (Fraction)	0.98
Connection	Connector with 2 additional wires for light regulation
Cable	-
Number of products on MCB of 16 A type B	20
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	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)

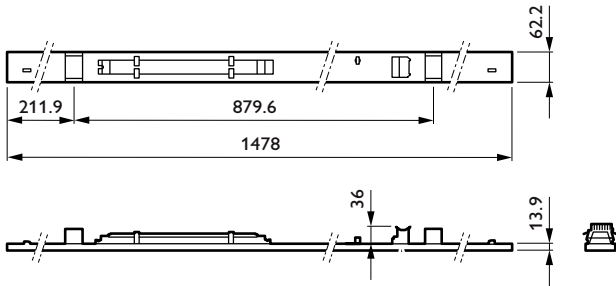
Control gear failure rate at median useful life 50000 h	5 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L95
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L85

Product Data

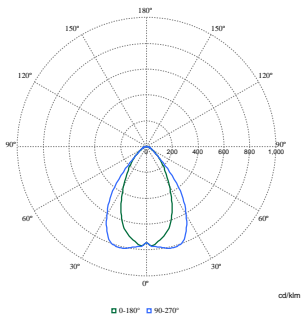
Order product name	LL553X 105S/840 NE DIA WB C-2R WH
Full product name	LL553X 105S/840 NE DIA WB C-2R WH
Full product code	872016995585100
Order code	910925870933
Material Nr. (12NC)	910925870933
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169955851
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169955851
Product family code	LL553X [Maxos unify panel for 4MX656]

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Dimensional drawing



Photometric data



Polar Normal (separate) - LL550XI - 910925870933

