Maxos unify

LL551X 40S/840 UE DIA WB BK

Maxos unify, trunking light unit, UltraEfficient, 20.5 W, 1478 mm, 4000 lm, 4000 K, DALI, Interact Ready, Wide beam, Textured, Black, 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
Warranty period	5 years

Light Technical	
Luminous Flux	4,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	195 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	19

Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	36 A
Inrush time	0.130 ms
Power Consumption	20.5 W
Power Factor (Fraction)	0.98
Connection	Connection unit 7-pole
Cable	-
Number of products on MCB of 16 A type B	25
Suitable for random switching	Not applicable
Protection class IEC	Safety class I

Maxos unify

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	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate
Fixation material	Steel
Housing Color	Black
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

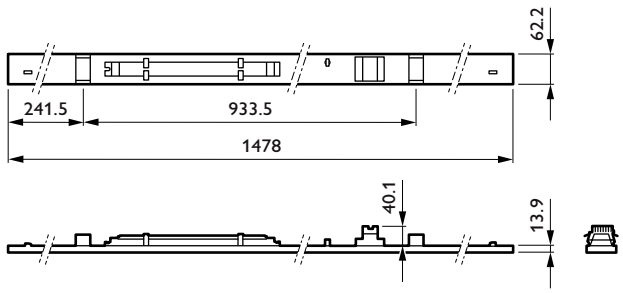
Sustainability rating	Signify Circle
Repair class	Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and documentation are available for a period of time.
Embedded carbon (A1-A3)	10.5 kg CO_2e
Product non-virgin material ratio	14.7 %
Recyclable content ratio of the finished product	50.6 %
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 (lm) / lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO2 eq / kwh)
Packaging Material	Cardboard

Product Data

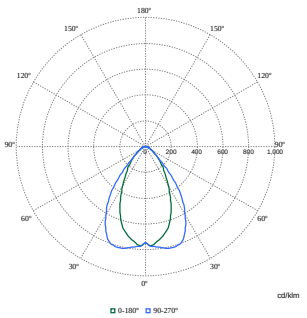
Order product name	LL551X 40S/840 UE DIA WB BK
Full product name	LL551X 40S/840 UE DIA WB BK
Full product code	872016995499100
Order code	910925870846
Material Nr. (12NC)	910925870846
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169954991
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169954991
Product family code	LL551X [Maxos unify panel 1478mm]

Maxos unify

Dimensional drawing



Photometric data



Polar Normal (separate) - LL550XI - 910925870846

© 2026 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.