



# Maxos universal

## LL515S 80S/840 PSD WB UNIV TW3 WH

Maxos universal, trunking light unit, 50 W, L1517 mm, 8000 lm, 4000 K, DALI, Wide beam, Textured, White, IP20

trunking light unit, L1517 mm, Steel, White, Signal white (RAL9003), Triple layer spray paint, Power supply unit with DALI interface, 8000 lm, 50 W, 160 lm/W, 4000 K, (0.34. 0.35) SDCM <3, Wide beam, Textured, Polycarbonate, IP20 | Finger-protected, IK02 | 0.2 J standard, Safety class I, Connection unit 7-pole, Feed-through wiring 3-phase

### Product data

General Information	
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes
Lighting Technology	LED
Warranty period	5 years

Light Technical	
Luminous Flux	8,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	160 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	85° x 85°
Unified glare rating CEN	22

Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	25 A
Inrush time	0.23 ms
Power Consumption	50 W
Power Factor (Fraction)	0.98
Connection	Connection unit 7-pole
Cable	-
Number of products on MCB of 16 A type B	20
Suitable for random switching	Not applicable
Protection class IEC	Safety class I
Feed-through wiring	Feed-through wiring 3-phase
Total harmonic distortion	5 %

Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface

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Control interface	DALI
Constant light output	No
DALI Standard	DALI-2™
Maximum dim level	1%

## Mechanical and Housing

Housing Material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover finish	Textured
Reflector Finish	-
Overall length	1.517 mm
Overall width	62 mm
Overall height	46 mm
Dimensions (Height x Width x Depth)	46 x 62 x 1517 mm
Optical finish	Clear
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	1.840 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	-
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as 1 per EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 to +35 °C

## Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
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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	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80

## Sustainability Data

Sustainability rating	Unclassified
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.

## Product Data

Order product name	LL515S 80S/840 PSD WB UNIV TW3 WH
Full product name	LL515S 80S/840 PSD WB UNIV TW3 WH
Full product code	871951477302800
Order code	910925869513
Material Nr. (12NC)	910925869513
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169440593
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514773028
Product family code	LL515S [MAXOS FUSION Universal Retrofit Pan]

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### Dimensional drawing

