



Maxos universal

LL515S 42S/830 PSD WB UNIV TW3 WH

Maxos universal, trunking light unit, 25 W, L1517 mm, 4200 lm, 3000 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, 4200 lm, 25 W, 168 lm/W, 3000 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	Unit
Driver included	Yes
Service Tag	Yes
Lighting Technology	LED
Warranty period	5 years

Light Technical	
Luminous Flux	4,200 lm
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	168 lm/W
Colour rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source colour	830 warm 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	23 A
Inrush time	0.221 ms
Power Consumption	25 W
Power Factor (Fraction)	0.98
Connection	Connection unit 7-pole
Cable	-
Number of products on MCB (16 A type B)	22
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/lens material	Polycarbonate
Fixation material	Steel
Housing Colour	White
Optical cover/lens 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
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)	1
Stroboscopic effect	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 50,000 h	5 %
Control gear failure rate at median useful life 100,000 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 42S/830 PSD WB UNIV TW3 WH
Full product name	LL515S 42S/830 PSD WB UNIV TW3 WH
Full EOC	871951477301100
Order code	910925869512
Material no. (12 NC)	910925869512
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169440586
Numerator – packs per outer box	1
EAN/UPC – Case	8719514773011
Product family code	LL515S [MAXOS FUSION Universal Retrofit Pan]

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Dimensional drawing

