



# Maxos universal

## LL515S 42S/840 PSD NB UNIV TW3 WH VK

Maxos universal, trunking light unit, 25 W, L1517 mm, 4200 lm, 4000 K, DALI, Narrow beam, White, IP20

Maxos universal is an adaptable LED luminaire that is designed to retrofit a fluorescent Lightline to a LED light line. The conversion can be smoothly integrated into the existing backbone and comes with dedicated accessories like blind unit & through wiring. The portfolio boasts efficacy upto 168lm/W and lumen maintenance at 50k hours of L90.

### Product data

General Information	
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes
Warranty period	5 years
Light Technical	
Luminous Flux	4,200 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	168 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Narrow beam
Luminaire light beam spread	11° - 20°
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 of 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

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

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Constant light output	No
DALI Standard	DALI
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
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)	1.800 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 per EN 61000-3-3	1
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%

## 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 42S/840 PSD NB UNIV TW3 WH VK
Full product name	LL515S 42S/840 PSD NB UNIV TW3 WH VK
Full product code	872016947170200
Order code	910925869841
Material Nr. (12NC)	910925869841
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169905122
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169471702
Product family code	LL515S [MAXOS FUSION Universal Retrofit Pan]

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### Dimensional drawing

