

Maxos universal

10354024



Simple conversion to LED

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 up to 168lm/W and lumen maintenance at 50k hours of L90.

Benefits

- Simple conversion from fluorescent to LED
- Dedicated blind unit and through wiring accessories to help complete the full line

Applications

- (Food) retail
- Industrial halls/areas
- Warehouses/distribution centres

Features

- Universal retrofit panel 1,5m
- high efficacy up to 168lm/W
- WB optics
- PSU and PSD versions
- Dedicated mechanical springs to fit onto the existing backbone

Versions

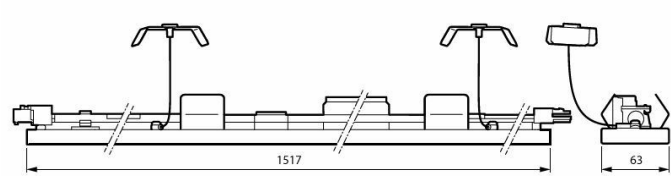


Maxos universal panel PSD



PCO Maxos universal

Dimensional drawing



LL515S 27_33_40_47S/8400-PCPSU UNIVTW3WH

Product details



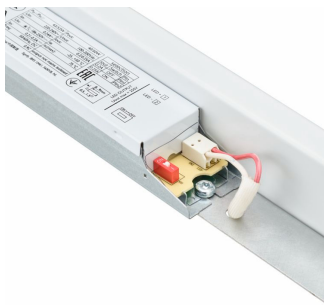
Maxos universal panel
Through wiring



Maxos universal panel
springs



Maxos universal panel phase
selector



Maxos universal panel dip
switch

General Information	
Number of gear units	Unit
Driver included	Yes
Service Tag	Yes

Light Technical

Colour rendering index (CRI)	>80
Beam angle of light source	120 degree(s)

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Suitable for random switching	Not applicable
Protection class IEC	Safety class I

Controls and Dimming

Maximum dim level	1%
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Mechanical and Housing

Housing Colour	White
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

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
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Ambient temperature range	-20 to +35 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.34. 0.35) SDCM <3

Product Data

Product family code	LL515S [MAXOS FUSION Universal Retrofit Pan]
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Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Colour Temperature (Nom)	Luminous efficacy (rated) (nom.)	Optic type
910925869511	LL515S 42S/840 PSD WB UNIV TW3 WH	4,200 lm	4000 K	168 lm/W	Wide beam
910925869512	LL515S 42S/830 PSD WB UNIV TW3 WH	4,200 lm	3000 K	168 lm/W	Wide beam
910925869513	LL515S 80S/840 PSD WB UNIV TW3 WH	8,000 lm	4000 K	160 lm/W	Wide beam
910925869514	LL515S 80S/830 PSD WB UNIV TW3 WH	8,000 lm	3000 K	160 lm/W	Wide beam
910925870068	LL515S 36S/840 PSD O-PC UNIV TW3 WH	3,550 lm	4000 K	137 lm/W	Opal
910925870069	LL515S 27_33_40_47S/840O-PCPSU UNIVTW3WH	4,700 lm	4000 K	140 lm/W	Opal
910925870070	LL515S 27_33_40_47S/830O-PCPSU UNIVTW3WH	4,500 lm	3000 K	134 lm/W	Opal
910925870071	LL515S 68S/830 PSD O-PC UNIV TW3 WH	6,460 lm	3000 K	133 lm/W	Opal
910925870072	LL515S 68S/840 PSD O-PC UNIV TW3 WH	6,800 lm	4000 K	140 lm/W	Opal
910925870073	LL515S 36S/830 PSD O-PC UNIV TW3 WH	3,373 lm	3000 K	130 lm/W	Opal
910925870119	LL512S LED61/840 PSD O-PC UNIV TW3 WH	5,200 lm	4000 K	141 lm/W	Opal

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910925869511	LL515S 42S/840 PSD WB UNIV TW3 WH	25 W
910925869512	LL515S 42S/830 PSD WB UNIV TW3 WH	25 W
910925869513	LL515S 80S/840 PSD WB UNIV TW3 WH	50 W
910925869514	LL515S 80S/830 PSD WB UNIV TW3 WH	50 W
910925870068	LL515S 36S/840 PSD O-PC UNIV TW3 WH	26 W
910925870069	LL515S 27_33_40_47S/840O-PCPSU UNIVTW3WH	33.5 W
910925870070	LL515S 27_33_40_47S/830O-PCPSU UNIVTW3WH	33.5 W
910925870071	LL515S 68S/830 PSD O-PC UNIV TW3 WH	48.5 W
910925870072	LL515S 68S/840 PSD O-PC UNIV TW3 WH	48.5 W
910925870073	LL515S 36S/830 PSD O-PC UNIV TW3 WH	26 W
910925870119	LL512S LED61/840 PSD O-PC UNIV TW3 WH	37 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
910925869511	LL515S 42S/840 PSD WB UNIV TW3 WH	Yes
910925869512	LL515S 42S/830 PSD WB UNIV TW3 WH	Yes
910925869513	LL515S 80S/840 PSD WB UNIV TW3 WH	Yes
910925869514	LL515S 80S/830 PSD WB UNIV TW3 WH	Yes
910925870068	LL515S 36S/840 PSD O-PC UNIV TW3 WH	Yes
910925870069	LL515S 27_33_40_47S/840O-PCPSU UNIVTW3WH	No
910925870070	LL515S 27_33_40_47S/830O-PCPSU UNIVTW3WH	No
910925870071	LL515S 68S/830 PSD O-PC UNIV TW3 WH	Yes
910925870072	LL515S 68S/840 PSD O-PC UNIV TW3 WH	Yes
910925870073	LL515S 36S/830 PSD O-PC UNIV TW3 WH	Yes
910925870119	LL512S LED61/840 PSD O-PC UNIV TW3 WH	Yes

Approval and Application

Order Code	Full Product Name	ENEC mark
910925869511	LL515S 42S/840 PSD WB UNIV TW3 WH	-
910925869512	LL515S 42S/830 PSD WB UNIV TW3 WH	-
910925869513	LL515S 80S/840 PSD WB UNIV TW3 WH	-
910925869514	LL515S 80S/830 PSD WB UNIV TW3 WH	-
910925870068	LL515S 36S/840 PSD O-PC UNIV TW3 WH	ENEC mark
910925870069	LL515S 27_33_40_47S/840O-PCPSU UNIVTW3WH	ENEC mark
910925870070	LL515S 27_33_40_47S/830O-PCPSU UNIVTW3WH	ENEC mark
910925870071	LL515S 68S/830 PSD O-PC UNIV TW3 WH	ENEC mark
910925870072	LL515S 68S/840 PSD O-PC UNIV TW3 WH	ENEC mark
910925870073	LL515S 36S/830 PSD O-PC UNIV TW3 WH	ENEC mark
910925870119	LL512S LED61/840 PSD O-PC UNIV TW3 WH	ENEC mark