



Simple conversion to LED

Maxos universal

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.

Benefits

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

Features

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

Application

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

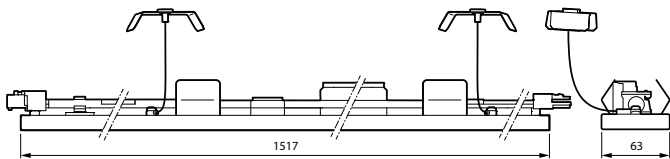
Maxos universal

Versions



Maxos universal panel PSU

Dimensional drawing



Product details



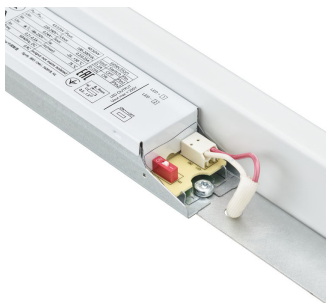
Maxos universal panel Through wiring



Maxos universal panel springs



Maxos universal panel phase selector



Maxos universal panel dip switch

General Information

Driver included	Yes
Number of gear units	1 unit
Service tag	Yes

Light Technical

Beam angle of light source	120 degree(s)
Color rendering index (CRI)	>80
Optic type	Wide beam

Operating and Electrical

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

Mechanical and Housing

Housing Color	White
Mech. impact protection code	IK02
Ingress protection code	IP20

Emergency Operation

Central Emergency	No
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Approval and Application

Ambient temperature range	-20 to +25 °C
CE mark	Yes
ENEC mark	-
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 850 °C, duration 30 s
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4

Initial Performance (IEC Compliant)

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

Product Data

Product family code	LL515S
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Light Technical

Order Code	Full Product Name	Correlated Color	Luminous Efficacy	Luminous Flux
		Temperature (Nom)	(rated) (Nom)	
77300400	LL515S 42S/840 PSD WB UNIV TW3 WH	4000 K	168 lm/W	4,200 lm
77301100	LL515S 42S/830 PSD WB UNIV TW3 WH	3000 K	168 lm/W	4,200 lm
77302800	LL515S 80S/840 PSD WB UNIV TW3 WH	4000 K	160 lm/W	8,000 lm
77303500	LL515S 80S/830 PSD WB UNIV TW3 WH	3000 K	160 lm/W	8,000 lm
77298400	LL515S 46S_57S/840 WB PSU UNIV TW3 WH	4000 K	168 lm/W	5,700 lm
77299100	LL515S 46S_57S/830 WB PSU UNIV TW3 WH	3000 K	168 lm/W	5,700 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
77300400	LL515S 42S/840 PSD WB UNIV TW3 WH	25 W
77301100	LL515S 42S/830 PSD WB UNIV TW3 WH	25 W
77302800	LL515S 80S/840 PSD WB UNIV TW3 WH	50 W

Order Code	Full Product Name	Power Consumption
77303500	LL515S 80S/830 PSD WB UNIV TW3 WH	50 W
77298400	LL515S 46S_57S/840 WB PSU UNIV TW3 WH	36 W
77299100	LL515S 46S_57S/830 WB PSU UNIV TW3 WH	36 W

Controls and Dimming

Order Code	Full Product Name	Maximum dim	
		Dimmable	level
77300400	LL515S 42S/840 PSD WB UNIV TW3 WH	Yes	1%
77301100	LL515S 42S/830 PSD WB UNIV TW3 WH	Yes	1%
77302800	LL515S 80S/840 PSD WB UNIV TW3 WH	Yes	1%
77303500	LL515S 80S/830 PSD WB UNIV TW3 WH	Yes	1%

Order Code	Full Product Name	Maximum dim	
		Dimmable	level
77298400	LL515S 46S_57S/840 WB PSU UNIV TW3 WH	No	Not applicable
77299100	LL515S 46S_57S/830 WB PSU UNIV TW3 WH	No	Not applicable

