PHILIPS Lighting



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
- \cdot WB optics
- \cdot PSU and PSD versions
- \cdot dedicated mechanical springs to fit onto the existing backbone

Application

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

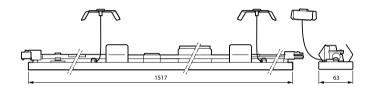
Maxos universal

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

Maxos universal

General Information			
Driver included	Yes		
Number of gear units	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		
Approval and Application			
Approval and Application	-20 to +25 ℃		
Ambient temperature range CE mark	-20 to +25 C		
ENEC mark	-		
Flammability mark	For mounting on		
i annaoint y mark	normally		
	flammable		
	surfaces		
Glow-wire test	Temperature 850		
	°C, duration 30 s		
Flickering value (PstLM) - Flickering	1		
value as per EN 61000-3-3			
Stroboscopic effect visibility measure	0.4		
(SVM)			
Initial Performance (IEC Compliant	t)		
Initial chromaticity	(0.34. 0.35) SDCM		
	<3		
Luminous flux tolerance	+/-7%		
Product Data			
Product family code	LL515S		

Light Technical

Order Cool Full Product Name Temperature (Nom) 77300400 LL5155 425/840 PSD WB UNIV TW3 4000 K WH	(rated) (Nom) 168 lm/W 168 lm/W	Luminous Flux 4,200 lm 4,200 lm
WH 77301100 LL515S 42S/830 PSD WB UNIV TW3 3000 K		,
77301100 LL515S 42S/830 PSD WB UNIV TW3 3000 K	168 lm/W	4,200 lm
,	168 lm/W	4,200 lm
WE		
77302800 LL515S 80S/840 PSD WB UNIV TW3 4000 K	160 lm/W	8,000 lm
WH		
77303500 LL515S 80S/830 PSD WB UNIV TW3 3000 K	160 lm/W	8,000 lm
WH		
77298400 LL515S 46S_57S/840 WB PSU UNIV 4000 K	168 lm/W	5,700 lm
TW3 WH		
77299100 LL515S 46S_57S/830 WB PSU UNIV 3000 K	168 lm/W	5,700 lm
TW3 WH		

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

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Controls and Dimming

			Maximum dim
Order Code	Full Product Name	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%

			Maximum dim
Order Code	Full Product Name	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



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