PHILIPS Lighting



Maxos LED inserts for TTX400

4MX416 581 LED55S/840 PSD DA20 WH

MAXOS LED FOR TTX400 EM 1H6S, LED Module, system flux 5500 lm, 840 neutral white, Power supply unit with DALI interface, Double asymmetric optic 20°, White

Customers in the industrial and retail sectors are looking for general lighting solutions with a justifiable payback, while meeting all relevant norms for supermarkets and industry applications. For a limited investment, Maxos LED inserts for TTX400 offer best-in-class energy savings while delivering high lux levels at the required color temperatures and glare factors. The minimalistic Maxos LED inserts for TTX400 comprise exchangeable mid-power LED boards to be mounted on a standard TTX400 trunking rail. A choice of wide, medium and double asymmetric beam lenses means flexibility in light distribution. Compared with a conventional fluorescent installation, this highly efficient LED solution offers full payback in less than three years. And the benefits keep coming: our upgradable LED engine platform makes Maxos LED inserts for TTX400 a truly future-proof solution.

Product data

General Information	
Lamp family code	LED55S [LED Module, system flux 5500 lm]
Cap-Base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based

	luminaires - January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Service tag	Yes
Product family code	4MX416 [MAXOS LED FOR TTX400 EM 1H6S]
Lighting Technology	LED
Value ladder	Performance

Maxos LED inserts for TTX400

CE mark	Yes	
Warranty period	5 years	
Flammability mark	-	
ENEC mark	ENEC mark	
Glow-wire test	Temperature 650 °C, duration 30 s	
EU RoHS compliant	Yes	
Light Technical		
Luminous Flux	5,500 lm	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	149 lm/W	

≥80

120 degree(s)

840 neutral white

Not applicable

Double asymmetric optic 20°

Polymethyl methacrylate bowl/cover

1

20°

Optic material	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate
Fixation material	Steel
Housing Color	White
Optical cover finish	Clear
Overall length	1,528 mm
Overall width	63 mm
Overall height	50 mm
Dimensions (Height x Width x Depth)	50 x 63 x 1528 mm

Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3.5
Power consumption tolerance	+/-10%

		(
Over Lime	Performance	(IEC Compliant)

Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful	L80
life* 50000 h	

Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Not applicable

Product Data

Flouder Data	
Order product name	4MX416 581 LED55S/840 PSD DA20 WH
Full product name	4MX416 581 LED55S/840 PSD DA20 WH
Full product code	871869697042399
Order code	910500460137
Material Nr. (12NC)	910500460137
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696970423
Numerator - Packs per outer box	3
EAN/UPC - Case	8718696971284

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Operating	and	Electrical

Luminaire light beam spread Unified glare rating CEN

Color rendering index (CRI)

Beam angle of light source Light source color

Number of light sources

Optic type

Optical cover type

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	21 A
Inrush time	0.28 ms
Power Consumption	37 W
Power Factor (Fraction)	0.9
Connection	Connection unit 5-pole
Cable	-
Number of products on MCB of 16 A type	24

Number of products on MCB of 16 A type 24

Temperature

Ambient temperature range

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

-20 to +35 °C

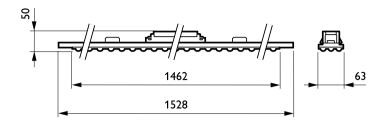
Mechanical and Housing

Housing Material	Steel
Reflector material	-

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Maxos LED inserts for TTX400

Dimensional drawing





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