PHILIPS Lighting



Maxos LED inserts for TTX400

4MX433 581 LED55S/840 PSU WB WH

MAXOS LED FOR TTX400 EM 3H3S, LED Module, system flux 5500 lm, 840 neutral white, Power supply unit (On/Off), Wide beam, 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.
Product family code	4MX433 [MAXOS LED FOR TTX400 EM
	3H3S]
Lighting Technology	LED
Value ladder	Performance

Maxos LED inserts for TTX400

Yes
5 years
-
ENEC mark
Temperature 650 °C, duration 30 s
Yes
5,500 lm
4000 K
149 lm/W
≥80
1
120 degree(s)
840 neutral white
Wide beam
Polymethyl methacrylate bowl/cover
Polymethyl methacrylate bowl/cover 90°

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 Time Performance (IEC Compli	ant)

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
Suitable for random switching	Not applicable

Product Data	
Order product name	4MX433 581 LED55S/840 PSU WB WH
Full product name	4MX433 581 LED55S/840 PSU WB WH
Full product code	871869697075199
Order code	910500460170
Material Nr. (12NC)	910500460170
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696970751
Numerator - Packs per outer box	3
EAN/UPC - Case	8718696971611

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	17.8 A
Inrush time	0.282 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

в

Temperature

Ambient temperature range

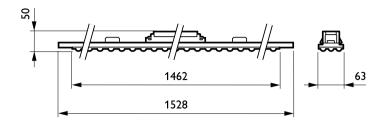
Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
Housing Material	Steel
Reflector material	-

-20 to +35 °C

Maxos LED inserts for TTX400

Dimensional drawing





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