



Maxos LED inserts for TTX400

4MX433 491 LED55S/840 PSU DA20 WH

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

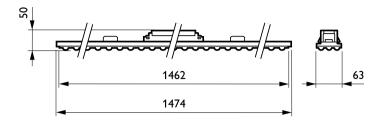
Datasheet, 2023, September 4 data subject to change

Maxos LED inserts for TTX400

Warranty period	5 years	Optic material	Polymethyl methacrylate
Flammability mark	-	Optical cover material	Polymethyl methacrylate
ENEC mark	ENEC mark	Fixation material	Steel
Glow-wire test	Temperature 650 °C, duration 30 s	Housing Color	White
EU RoHS compliant	Yes	Optical cover finish	Clear
		Overall length	1,474 mm
Light Technical		Overall width	63 mm
Luminous Flux	5,500 lm	Overall height	50 mm
Correlated Color Temperature (Nom)	4000 K	Dimensions (Height x Width x Depth)	50 x 63 x 1474 mm
Luminous Efficacy (rated) (Nom)	149 lm/W		
Color rendering index (CRI)	≥80	Approval and Application	
Number of light sources	1	Ingress protection code	IP20 [Finger-protected]
Beam angle of light source	120 degree(s)	Mech. impact protection code	IKO2 [0.2 J standard]
Light source color	840 neutral white	Protection class IEC	Safety class I
Optic type	Double asymmetric optic 20°		
Optical cover type	Polymethyl methacrylate bowl/cover	Initial Performance (IEC Compliant)
Luminaire light beam spread	20°	Luminous flux tolerance	+/-10%
Unified glare rating CEN	Not applicable	Initial chromaticity	(0.38, 0.38) SDCM <3.5
		Power consumption tolerance	+/-10%
Operating and Electrical			
Input Voltage	220-240 V	Over Time Performance (IEC Compliant)	
Line Frequency	50 to 60 Hz	Control gear failure rate at median usefu	l 5%
Inrush current	17.8 A	life 50000 h	
Inrush time	0.282 ms	Lumen maintenance at median useful	L80
Power Consumption	37 W	life* 50000 h	
Power Factor (Fraction)	0.9		
Connection	Connection unit 5-pole	Application Conditions	
Cable	-	Performance ambient temperature Tq	25 ℃
Number of products on MCB of 16 A type	24	Suitable for random switching	Not applicable
В			
		Product Data	
Temperature		Order product name	4MX433 491 LED55S/840 PSU DA20 WH
Ambient temperature range	-20 to +35 °C	Full product name	4MX433 491 LED55S/840 PSU DA20 WH
		Full product code	871869697056099
Controls and Dimming		Order code	910500460151
Dimmable	No	Material Nr. (12NC)	910500460151
Driver/power unit/transformer	Power supply unit (On/Off)	Numerator - Quantity Per Pack	1
Constant light output	No	EAN/UPC - Product/Case	8718696970560
		Numerator - Packs per outer box	3
Mechanical and Housing		EAN/UPC - Case	8718696971420
Housing Material	Steel		
Reflector material	-		

Maxos LED inserts for TTX400

Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.