



Maxos LED inserts for TTX400

4MX400 491 LED66S/840 PSD DA20 WH

Maxos LED Retrofit for TTX400, LED module, system flux 6600 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 colour temperatures and glare factors. The minimalistic Maxos LED Industry 4MX400 panel 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 Industry 4MX400 panel inserts for TTX400 a truly future-proof solution.

Product data

General Information		
Lamp family code	LED66S [LED module, system flux 6600 lm]	
Light source replaceable	No	
Number of gear units	Unit	
Gear	-	
Driver included	Yes	
Remarks	*- According to the Lighting Europe	
	guidance paper 'Evaluating performance of	

January 2018':
elevant difference in
ween the B50 and,
erefore, the median
so represents the
30 represents the
so represents the
etrofit for TTX400]

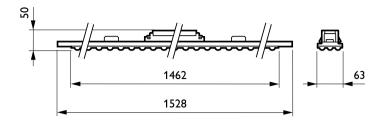
Datasheet, 2023, April 15 data subject to change

Maxos LED inserts for TTX400

Value ladder	Performance	Fixation material	Steel
CE mark	Yes	Housing Colour	White
Warranty period	5 years	Optical cover/lens finish	Clear
Flammability mark		Overall length	1,474 mm
ENEC mark	ENEC mark	Overall width	63 mm
Glow-wire test	Temperature 650 °C, duration 30 s	Overall height	50 mm
EU RoHS compliant	Yes	Dimensions (height x width x depth)	50 x 63 x 1474 mm
Light Technical		Approval and Application	
Luminous Flux	6,600 lm	Ingress protection code	IP20 [Finger-protected]
Correlated Colour Temperature	4000 K	Mech. impact protection code	IK02 [0.2 J standard]
Luminous efficacy (rated) (nom.)	169 lm/W	Sustainability rating	-
Colour rendering index (CRI)	≥80	Protection class IEC	Safety class I
Beam angle of light source	120 degree(s)		
Light source colour	840 neutral white	Initial Performance (IEC Compliant)	
Optic type	Double asymmetric optic 20°	Luminous flux tolerance	+/-10%
Optical cover type	Polymethyl methacrylate bowl/cover	Initial chromaticity	(0.38, 0.38) SDCM <3.5
Luminaire light beam spread	20°	Power consumption tolerance	+/-10%
Unified Glare Rating (CEN)	Not applicable		
		Over Time Performance (IEC Compli	ant)
Operating and Electrical		Control gear failure rate at median useful	5 %
Input Voltage	220-240 V	life 50,000 h	
Line Frequency	50 to 60 Hz	Control gear failure rate at median useful	10 %
Inrush current	21 A	life 100,000 h	
Inrush time	0.28 ms	Lumen maintenance at median useful life*	L90
Power Consumption	39 W	50,000 h	
Power Factor (Fraction)	0.97	Lumen maintenance at median useful life*	L80
Connection	Connection unit 5-pole	100,000 h	
Cable	-		
Number of products on MCB of 16 A type	24	Application Conditions	
В		Performance ambient temperature Tq	25 ℃
		Maximum dim level	1%
Temperature		Suitable for random switching	Not applicable
Ambient temperature range	-20 to +35 °C		
		Product Data	
Controls and Dimming		Order product name	4MX400 491 LED66S/840 PSD DA20 WH
Dimmable	Yes	Full product name	4MX400 491 LED66S/840 PSD DA20 WH
Driver/power unit/transformer	Power supply unit with DALI interface	Full EOC	403073266835999
Control interface	DALI	Order code	66835999
Constant light output	No	Material no. (12 NC)	910629162926
		SAP numerator – quantity per pack	1
Mechanical and Housing		EAN/UPC — Product/Case	4030732668359
Housing material	Steel	Numerator – packs per outer box	3
Reflector material	-	EAN/UPC - Case	4030732267118
Optic material	Polymethyl methacrylate		
Optical cover/lens material	Polymethyl methacrylate		

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.