



Maxos LED inserts for TTX400

4MX416 581 LED66S/840 PSD NB WH C-2R

MAXOS LED FOR TTX400 EM 1H6S, LED module, system flux 6600 lm, 840 neutral white, Power supply unit with DALI interface, Narrow beam, Connector with 2 additional wires for light regulation, 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	LED66S [LED module, system flux 6600 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.	

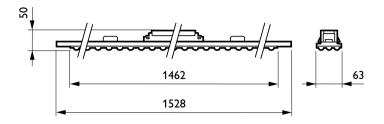
Datasheet, 2023, September 4 data subject to change

Maxos LED inserts for TTX400

Service tag	Yes	Mechanical and Housing	
Product family code	4MX416 [MAXOS LED FOR TTX400 EM 1H6S]	Housing Material	Steel
Lighting Technology	LED	Reflector material	-
Value ladder	Performance	Optic material	Polymethyl methacrylate
CE mark	Yes	Optical cover material	Polymethyl methacrylate
Warranty period	5 years	Fixation material	Steel
Flammability mark	-	Housing Color	White
ENEC mark	ENEC mark	Optical cover finish	Clear
Glow-wire test	Temperature 650 °C, duration 30 s	Overall length	1,528 mm
EU RoHS compliant	Yes	Overall width	63 mm
		Overall height	50 mm
Light Technical		Dimensions (Height x Width x Depth)	50 x 63 x 1528 mm
Luminous Flux	6,600 lm		
Correlated Color Temperature (Nom)	4000 K	Approval and Application	
Luminous Efficacy (rated) (Nom)	147 lm/W	Ingress protection code	IP20 [Finger-protected]
Color rendering index (CRI)	≥80	Mech. impact protection code	IKO2 [0.2 J standard]
Number of light sources	1	Protection class IEC	Safety class I
Beam angle of light source	120 degree(s)		
Light source color	840 neutral white	Initial Performance (IEC Compliant)
Optic type	Narrow beam	Luminous flux tolerance	+/-10%
Optical cover type	Polymethyl methacrylate bowl/cover	Initial chromaticity	(0.38, 0.38) SDCM <3.5
Luminaire light beam spread	50°	Power consumption tolerance	+/-10%
Unified glare rating CEN	Not applicable		
		Over Time Performance (IEC Comp	liant)
Operating and Electrical		Control gear failure rate at median usefu	l 5%
Input Voltage	220-240 V	life 50000 h	
Line Frequency	50 to 60 Hz	Lumen maintenance at median useful	L80
Inrush current	21 A	life* 50000 h	
Inrush time	0.28 ms		
Power Consumption	45 W	Application Conditions	
Power Factor (Fraction)	0.9	Performance ambient temperature Tq	25 ℃
Connection	Connector with 2 additional wires for light	Maximum dim level	1%
	regulation	Suitable for random switching	Not applicable
Cable	-		
Number of products on MCB of 16 A type	24	Product Data	
В		Order product name	4MX416 581 LED66S/840 PSD NB WH C-2R
		Full product name	4MX416 581 LED66S/840 PSD NB WH C-2R
Temperature		Full product code	871869697054699
Ambient temperature range	-20 to +35 °C	Order code	910500460149
		Material Nr. (12NC)	910500460149
Controls and Dimming		Numerator - Quantity Per Pack	1
Dimmable	Yes	EAN/UPC - Product/Case	8718696970546
Driver/power unit/transformer	Power supply unit with DALI interface	Numerator - Packs per outer box	3
Control interface	DALI	EAN/UPC - Case	8718696971406
Constant light output	No		

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.