# **PHILIPS** Lighting



# Maxos LED inserts for TTX400

# 4MX416 581 LED66S/840 PSD WB WH

MAXOS LED FOR TTX400 EM 1H6S, LED module, system flux 6600 lm, 840 neutral white, Power supply unit with DALI interface, 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	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.
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		

Light Technicat	
Luminous Flux	6,600 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	147 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Wide beam
Optical cover type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	90°
Unified glare rating CEN	Not applicable

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 Compliant)

5 %
L80

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

#### Product Data

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Order product name	4MX416 581 LED66S/840 PSD WB WH
Full product name	4MX416 581 LED66S/840 PSD WB WH
Full product code	403073267296799
Order code	910629167726
Material Nr. (12NC)	910629167726
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	4030732672967
Numerator - Packs per outer box	3
EAN/UPC - Case	4030732273973

	Operating	and	Electrical
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Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	21 A
Inrush time	0.28 ms
Power Consumption	45 W
Power Factor (Fraction)	0.9
Connection	Connection unit 5-pole
Cable	-
Number of products on MCB of 16 A type	24

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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

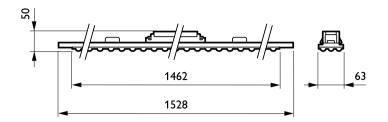
-20 to +35 °C

#### Mechanical and Housing

Housing Material	Steel
Reflector material	-

## Maxos LED inserts for TTX400

Dimensional drawing





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