PHILIPS Lighting



Maxos LED inserts for TTX400

4MX400 491 LED40S/840 PSU DA20 WH

Maxos LED Retrofit for TTX400, LED module, system flux 4000 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	LED40S [LED module, system flux 4000 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	4MX400 [Maxos LED Retrofit for TTX400]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes

Maxos LED inserts for TTX400

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	
Luminous Flux	4,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	160 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	Double asymmetric optic 20°
Optical cover type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	20°
Unified glare rating CEN	Not applicable
Operating and Electrical	

Fixation material	Steel
Housing Color	White
Optical cover finish	Clear
Overall length	1,474 mm
Overall width	63 mm
Overall height	50 mm
Dimensions (Height x Width x Depth)	50 x 63 x 1474 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 Comp	liant)
Control gear failure rate at median usefu	l 5 %
life 50000 h	
Lumen maintenance at median useful	L80
life* 50000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Performance ambient temperature Tq Suitable for random switching	25 °C Not applicable
Suitable for random switching	
Suitable for random switching Product Data	Not applicable
Suitable for random switching Product Data Order product name	Not applicable 4MX400 491 LED405/840 PSU DA20 WH
Suitable for random switching Product Data Order product name Full product name	Not applicable 4MX400 491 LED40S/840 PSU DA20 WH 4MX400 491 LED40S/840 PSU DA20 WH
Suitable for random switching Product Data Order product name Full product name Full product code	Not applicable 4MX400 491 LED40S/840 PSU DA20 WH 4MX400 491 LED40S/840 PSU DA20 WH 403073266579299
Suitable for random switching Product Data Order product name Full product name Full product code Order code	Not applicable 4MX400 491 LED40S/840 PSU DA20 WH 4MX400 491 LED40S/840 PSU DA20 WH 403073266579299 910629155826
Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	Not applicable 4MX400 491 LED40S/840 PSU DA20 WH 4MX400 491 LED40S/840 PSU DA20 WH 403073266579299 910629155826 910629155826
Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	Not applicable 4MX400 491 LED40S/840 PSU DA20 WH 4MX400 491 LED40S/840 PSU DA20 WH 403073266579299 910629155826 910629155826 1

Polymethyl methacrylate

Polymethyl methacrylate

Optic material

Optical cover material

220-240 V
50 to 60 Hz
17.8 A
0.282 ms
25 W
0.9
Connection unit 3-pole
-
24

в

Temperature

Ambient temperature range

Controls and Dimming

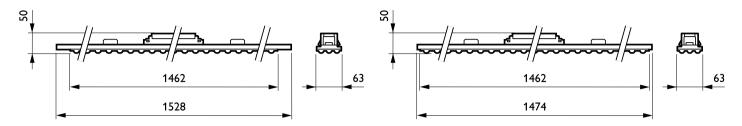
Controts and Dimining	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
Housing Material	Steel
Reflector material	-

-20 to +35 °C

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Maxos LED inserts for TTX400

Dimensional drawing





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