PHILIPS Lighting



Maxos LED inserts for TTX400

4MX400 491 LED55S/840 PSD A20 WH

Maxos LED Retrofit for TTX400, LED Module, system flux 5500 lm, Power supply unit with DALI interface, Asymmetrical mirror axis angle 20°

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]
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	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	5,500 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	169 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	Asymmetrical mirror axis angle 20°
Optical cover type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	20°
Unified glare rating CEN	Not applicable
Operating and Electrical	
nput Voltage	220-240 V
ine Frequency	50 to 60 Hz
nrush current	21 A
nrush time	0.28 ms
Power Consumption	32.5 W
Power Factor (Fraction)	0.97
Connection	Connection unit 5-pole
Cable	-
Number of products on MCB of 16 A type	24
В	
Temperature	
Ambient temperature range	-20 to +35 ℃
Controls and Dimming	
Dimmable	Yes
	Power supply unit with DALI interface
Driver/power unit/transformer	
Driver/power unit/transformer Control interface	DALI

Mechanical and Housing

Housing Material	Steel
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate
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] Sustainability rating

Initial Performance (IEC Compliant) Luminous flux tolerance +/-10% Luminous flux tolerance +/-20%

	7,10,5
Initial chromaticity	(0.38, 0.38) SDCM <3.5
Power consumption tolerance	+/-10%

Safety class I

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful	5 %
life 50000 h	
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful life*	L90
50000 h	
Lumen maintenance at median useful life*	L80
100000 h	

Application Conditions

Protection class IEC

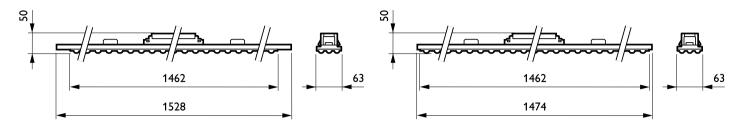
Performance ambient temperature Tq	25 ℃
Maximum dim level	1%
Suitable for random switching	Not applicable

Product Data

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Order product name	4MX400 491 LED55S/840 PSD A20 WH
Full product name	4MX400 491 LED55S/840 PSD A20 WH
Full product code	403073266775899
Order code	910629162626
Material Nr. (12NC)	910629162626
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	4030732667758
Numerator - Packs per outer box	3
EAN/UPC - Case	4030732266333

Maxos LED inserts for TTX400

Dimensional drawing





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