



Maxos LED inserts for TTX400 – efficiency champion with great payback

Maxos LED inserts for TTX400

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.

Benefits

- Substantial energy savings for a limited investment
- Comfortable light, long lifetime
- Compatibility with proven TTX400 trunking system

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Features

- Mid-power LED boards; exchangeable LED unit
- Up to 138 lm/W efficiency
- LED gear trays for T5 and TL-D-length trunkings (high lumen output); replacement LED gear trays with same lumen packages as installed T5 and TL-D solutions (lower wattage)
- Choice of medium, wide and double asymmetric beam lenses
- Compatible with our standard TTX400 rails for TL5 49 W and TL-D 58 W lengths

Application

- Industry
- Warehouses
- Supermarkets, DIY stores, electronics retailers, showrooms

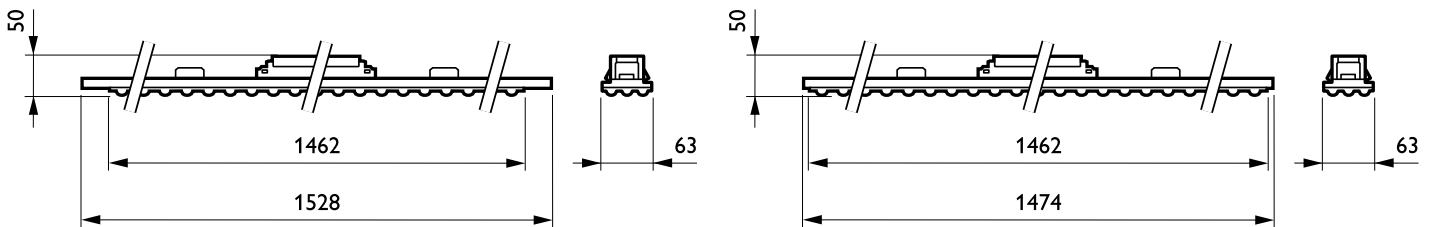
Versions



IPPR 4MX400i 0001

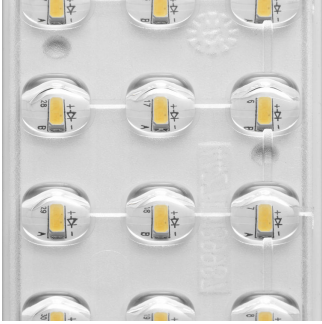
Maxos LED Insert for TTX400

Dimensional drawing



Maxos LED inserts for TTX400

Product details



IPDP_4MX400i_0003-Detail
photo



IPDP_4MX400i_0005-Detail
photo

Maxos LED inserts for TTX400

General Information	
Driver included	Yes
Gear	-
Light source replaceable	No
Number of gear units	1 unit
Service tag	Yes
Light Technical	
Beam angle of light source	120 degree(s)
Color rendering index (CRI)	>80
Number of light sources	1
Operating and Electrical	
Protection class IEC	Safety class I
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Suitable for random switching	Not applicable
Controls and Dimming	
Dimmable	Yes
Maximum dim level	1%
Mechanical and Housing	
Optical cover type	Polymethyl methacrylate bowl/cover
Housing Color	White
Mech. impact protection code	IK02
Ingress protection code	IP20
Approval and Application	
Ambient temperature range	-20 to +35 °C
CE mark	Yes
ENEC mark	ENEC mark
Flammability mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Product Data	
Product family code	4MX400

General Information

Order Code	Full Product Name	Lamp family code
66242599	4MX400 491 LED40S/830 PSD WB WH	LED40S
66243299	4MX400 491 LED40S/840 PSD NB WH	LED40S
66246399	4MX400 491 LED55S/830 PSD WB WH	LED55S
66247099	4MX400 491 LED55S/840 PSD NB WH	LED55S
66248799	4MX400 491 LED55S/840 PSD WB WH	LED55S
66252499	4MX400 581 LED40S/840 PSD WB WH	LED40S
66256299	4MX400 581 LED55S/840 PSD WB WH	LED55S
66250099	4MX400 581 LED40S/830 PSD WB WH	LED40S

Light Technical

Order Code	Full Product Name	Correlated		Luminous Flux	Optic type
		Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)		
66242599	4MX400 491 LED40S/830 PSD WB WH	3000 K	166 lm/W	4,000 lm	Wide beam

Order Code	Full Product Name	Correlated		Luminous Flux	Optic type
		Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)		
66243299	4MX400 491 LED40S/840 PSD NB WH	4000 K	166 lm/W	4,000 lm	Narrow beam

Maxos LED inserts for TTX400

Order Code	Full Product Name	Correlated Color		Luminous Efficacy (rated) (Nom)	Luminous Flux	Optic type
		Temperature (Nom)	Color			
66246399	4MX400 491 LED55S/830 PSD WB WH	3000 K		169 lm/W	5,500 lm	Wide beam
66247099	4MX400 491 LED55S/840 PSD NB WH	4000 K		169 lm/W	5,500 lm	Narrow beam
66248799	4MX400 491 LED55S/840 PSD WB WH	4000 K		169 lm/W	5,500 lm	Wide beam

Order Code	Full Product Name	Correlated Color		Luminous Efficacy (rated) (Nom)	Luminous Flux	Optic type
		Temperature (Nom)	Color			
66252499	4MX400 581 LED40S/840 PSD WB WH	4000 K		166 lm/W	4,000 lm	Wide beam
66256299	4MX400 581 LED55S/840 PSD WB WH	4000 K		169 lm/W	5,500 lm	Wide beam
66250099	4MX400 581 LED40S/830 PSD WB WH	3000 K		166 lm/W	4,000 lm	Wide beam

Operating and Electrical

Order Code	Full Product Name	Power Consumption
66242599	4MX400 491 LED40S/830 PSD WB WH	24 W
66243299	4MX400 491 LED40S/840 PSD NB WH	24 W
66246399	4MX400 491 LED55S/830 PSD WB WH	32.5 W
66247099	4MX400 491 LED55S/840 PSD NB WH	32.5 W

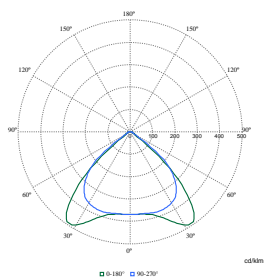
Order Code	Full Product Name	Power Consumption
66248799	4MX400 491 LED55S/840 PSD WB WH	32.5 W
66252499	4MX400 581 LED40S/840 PSD WB WH	24 W
66256299	4MX400 581 LED55S/840 PSD WB WH	32.5 W
66250099	4MX400 581 LED40S/830 PSD WB WH	24 W

Initial Performance (IEC Compliant)

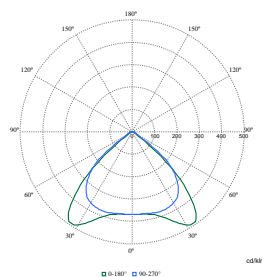
Order Code	Full Product Name	Initial chromaticity
66242599	4MX400 491 LED40S/830 PSD WB WH	(0.43, 0.40) SDCM <3.5
66243299	4MX400 491 LED40S/840 PSD NB WH	(0.38, 0.38) SDCM <3.5
66246399	4MX400 491 LED55S/830 PSD WB WH	(0.43, 0.40) SDCM <3.5
66247099	4MX400 491 LED55S/840 PSD NB WH	(0.38, 0.38) SDCM <3.5

Order Code	Full Product Name	Initial chromaticity
66248799	4MX400 491 LED55S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5
66252499	4MX400 581 LED40S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5
66256299	4MX400 581 LED55S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5
66250099	4MX400 581 LED40S/830 PSD WB WH	(0.43, 0.40) SDCM <3.5

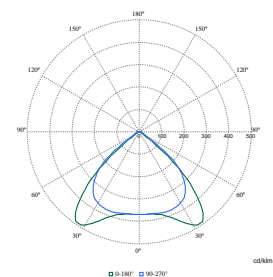
Polar Wide Diagrams



Polar Normal (separate) - 4MX4001 - 910629123726



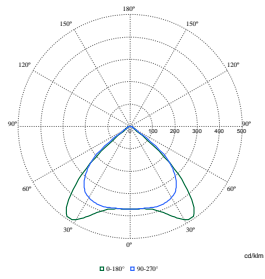
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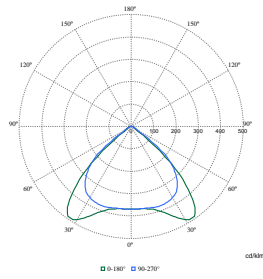
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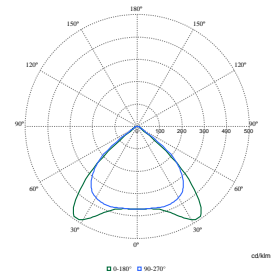
Polar Wide Diagrams



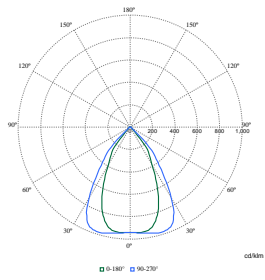
Polar Normal (separate) - 4MX400I - 910629123926



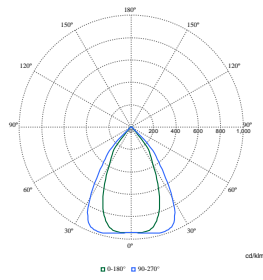
Polar Normal (separate) - 4MX400I - 910629124126



Polar Normal (separate) - 4MX400I - 910629124726



Polar Normal (separate) - 4MX400I - 910629123426



Polar Normal (separate) - 4MX400I - 910629123826

