



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 169 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

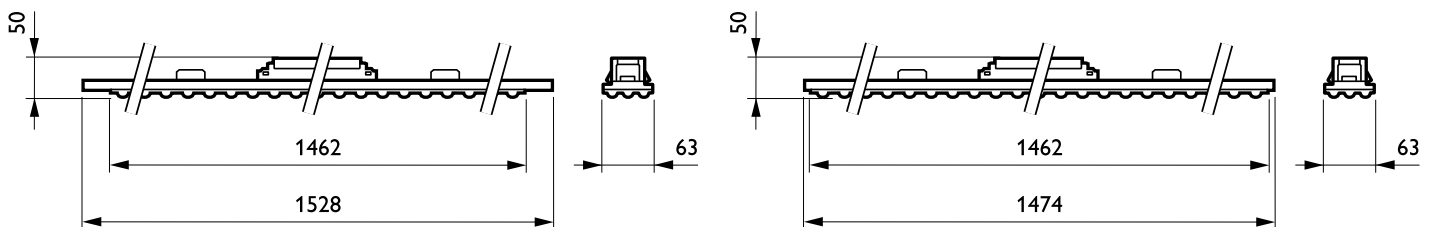
- Industry
- Warehouses
- Supermarkets, DIY stores, electronics retailers, showrooms

Versions



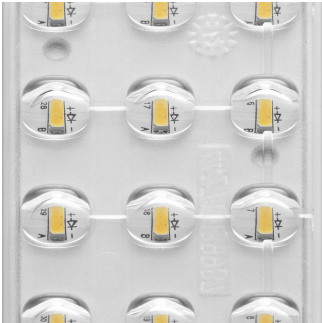
IPPR 4MX400i 0001

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
910629123226	4MX400 491 LED40S/830 PSD NB WH	LED40S
910629123326	4MX400 491 LED40S/830 PSD WB WH	LED40S
910629123426	4MX400 491 LED40S/840 PSD NB WH	LED40S
910629123526	4MX400 491 LED40S/840 PSD WB WH	LED40S
910629123626	4MX400 491 LED55S/830 PSD NB WH	LED55S
910629123726	4MX400 491 LED55S/830 PSD WB WH	LED55S
910629123826	4MX400 491 LED55S/840 PSD NB WH	LED55S
910629123926	4MX400 491 LED55S/840 PSD WB WH	LED55S
910629124026	4MX400 581 LED40S/830 PSD NB WH	LED40S
910629124326	4MX400 581 LED40S/840 PSD WB WH	LED40S
910629124626	4MX400 581 LED55S/840 PSD NB WH	LED55S
910629124726	4MX400 581 LED55S/840 PSD WB WH	LED55S
910629124126	4MX400 581 LED40S/830 PSD WB WH	LED40S
910629124226	4MX400 581 LED40S/840 PSD NB WH	LED40S
910629124426	4MX400 581 LED55S/830 PSD NB WH	LED55S
910629124526	4MX400 581 LED55S/830 PSD WB WH	LED55S

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux	Optic type
910629123226	4MX400 491 LED40S/830 PSD NB WH	3000 K	166 lm/W	4,000 lm	Narrow beam

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux	Optic type
910629123326	4MX400 491 LED40S/830 PSD WB WH	3000 K	166 lm/W	4,000 lm	Wide beam

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Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux	Optic type
910629123426	4MX400 491 LED40S/840 PSD NB WH	4000 K	166 lm/W	4,000 lm	Narrow beam
910629123526	4MX400 491 LED40S/840 PSD WB WH	4000 K	166 lm/W	4,000 lm	Wide beam
910629123626	4MX400 491 LED55S/830 PSD NB WH	3000 K	169 lm/W	5,200 lm	Narrow beam
910629123726	4MX400 491 LED55S/830 PSD WB WH	3000 K	169 lm/W	5,200 lm	Wide beam
910629123826	4MX400 491 LED55S/840 PSD NB WH	4000 K	169 lm/W	5,500 lm	Narrow beam
910629123926	4MX400 491 LED55S/840 PSD WB WH	4000 K	169 lm/W	5,500 lm	Wide beam
910629124026	4MX400 581 LED40S/830 PSD NB WH	3000 K	166 lm/W	4,000 lm	Narrow beam

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux	Optic type
910629124326	4MX400 581 LED40S/840 PSD WB WH	4000 K	166 lm/W	4,000 lm	Wide beam
910629124626	4MX400 581 LED55S/840 PSD NB WH	4000 K	169 lm/W	5,500 lm	Narrow beam
910629124726	4MX400 581 LED55S/840 PSD WB WH	4000 K	169 lm/W	5,500 lm	Wide beam
910629124126	4MX400 581 LED40S/830 PSD WB WH	3000 K	166 lm/W	4,000 lm	Wide beam
910629124226	4MX400 581 LED40S/840 PSD NB WH	4000 K	166 lm/W	4,000 lm	Narrow beam
910629124426	4MX400 581 LED55S/830 PSD NB WH	3000 K	169 lm/W	5,500 lm	Narrow beam
910629124526	4MX400 581 LED55S/830 PSD WB WH	3000 K	169 lm/W	5,500 lm	Wide beam

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910629123226	4MX400 491 LED40S/830 PSD NB WH	24 W
910629123326	4MX400 491 LED40S/830 PSD WB WH	24 W
910629123426	4MX400 491 LED40S/840 PSD NB WH	24 W
910629123526	4MX400 491 LED40S/840 PSD WB WH	24 W
910629123626	4MX400 491 LED55S/830 PSD NB WH	32.5 W
910629123726	4MX400 491 LED55S/830 PSD WB WH	32.5 W
910629123826	4MX400 491 LED55S/840 PSD NB WH	32.5 W
910629123926	4MX400 491 LED55S/840 PSD WB WH	32.5 W

Order Code	Full Product Name	Power Consumption
910629124026	4MX400 581 LED40S/830 PSD NB WH	24 W
910629124326	4MX400 581 LED40S/840 PSD WB WH	24 W
910629124626	4MX400 581 LED55S/840 PSD NB WH	32.5 W
910629124726	4MX400 581 LED55S/840 PSD WB WH	32.5 W
910629124126	4MX400 581 LED40S/830 PSD WB WH	24 W
910629124226	4MX400 581 LED40S/840 PSD NB WH	24 W
910629124426	4MX400 581 LED55S/830 PSD NB WH	32.5 W
910629124526	4MX400 581 LED55S/830 PSD WB WH	32.5 W

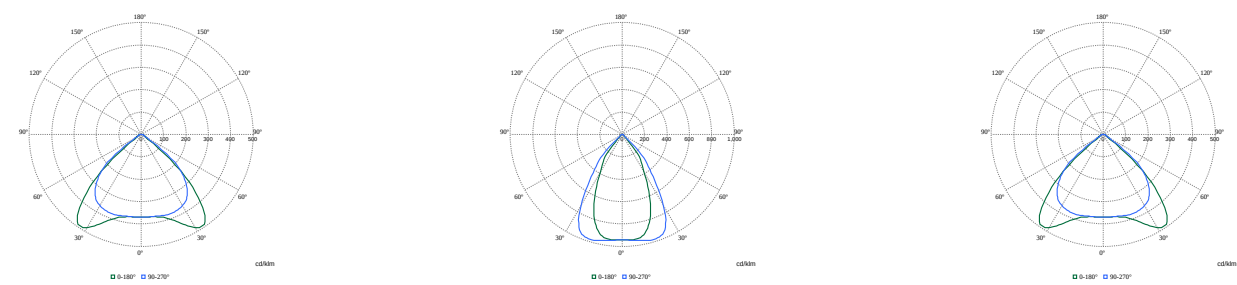
Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
910629123226	4MX400 491 LED40S/830 PSD NB WH	(0.43, 0.40) SDCM <3.5
910629123326	4MX400 491 LED40S/830 PSD WB WH	(0.43, 0.40) SDCM <3.5
910629123426	4MX400 491 LED40S/840 PSD NB WH	(0.38, 0.38) SDCM <3.5
910629123526	4MX400 491 LED40S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5
910629123626	4MX400 491 LED55S/830 PSD NB WH	(0.43, 0.40) SDCM <3.5
910629123726	4MX400 491 LED55S/830 PSD WB WH	(0.43, 0.40) SDCM <3.5
910629123826	4MX400 491 LED55S/840 PSD NB WH	(0.38, 0.38) SDCM <3.5
910629123926	4MX400 491 LED55S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5

Order Code	Full Product Name	Initial chromaticity
910629124026	4MX400 581 LED40S/830 PSD NB WH	(0.43, 0.40) SDCM <3.5
910629124326	4MX400 581 LED40S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5
910629124626	4MX400 581 LED55S/840 PSD NB WH	(0.38, 0.38) SDCM <3.5
910629124726	4MX400 581 LED55S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5
910629124126	4MX400 581 LED40S/830 PSD WB WH	(0.43, 0.40) SDCM <3.5
910629124226	4MX400 581 LED40S/840 PSD NB WH	(0.38, 0.38) SDCM <3.5
910629124426	4MX400 581 LED55S/830 PSD NB WH	(0.43, 0.40) SDCM <3.5
910629124526	4MX400 581 LED55S/830 PSD WB WH	(0.43, 0.40) SDCM <3.5

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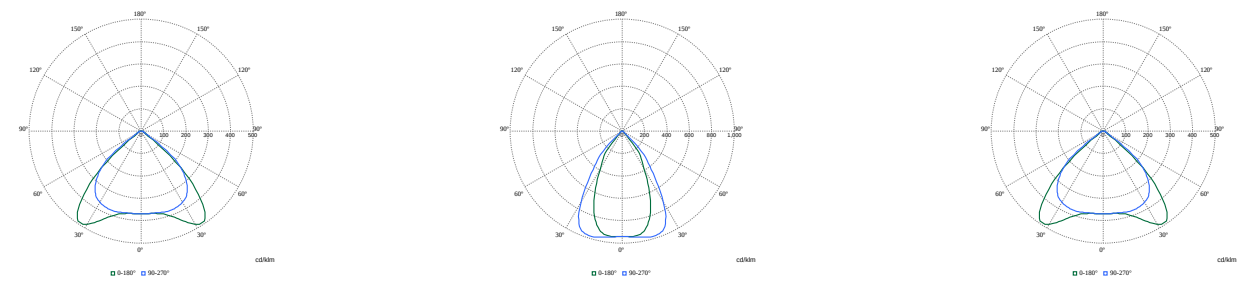
Polar Wide Diagrams



Polar Normal (separate) - 4MX400I - 910629123726

Polar Normal (separate) - 4MX400I - 910629124026

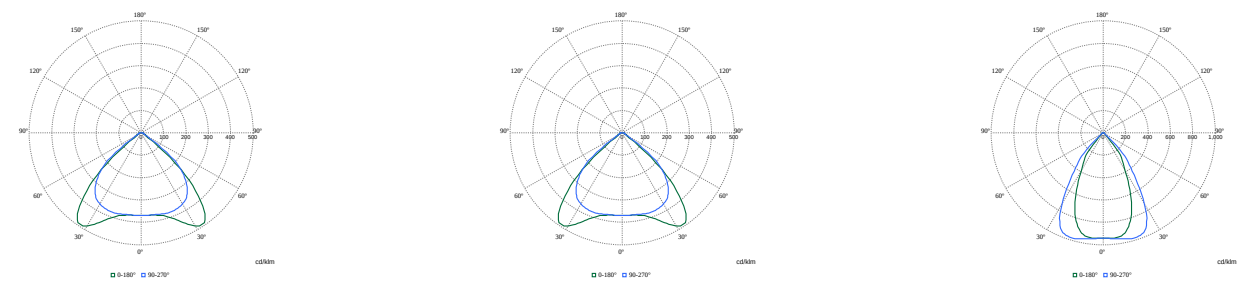
Polar Normal (separate) - 4MX400I - 910629123326



Polar Normal (separate) - 4MX400I - 910629124326

Polar Normal (separate) - 4MX400I - 910629124426

Polar Normal (separate) - 4MX400I - 910629123926



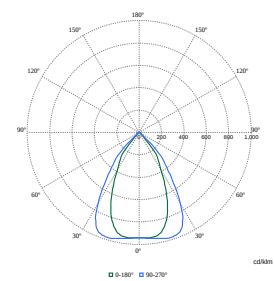
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Polar Normal (separate) - 4MX400I - 910629124726

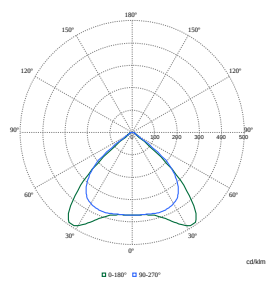
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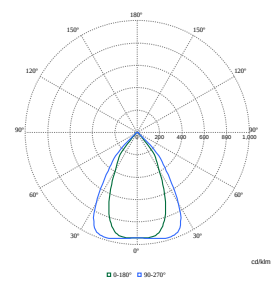
Polar Wide Diagrams



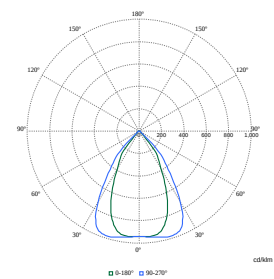
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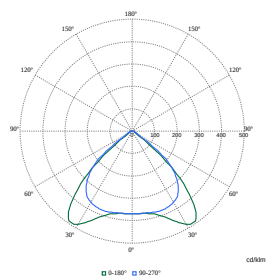
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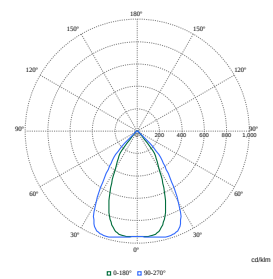
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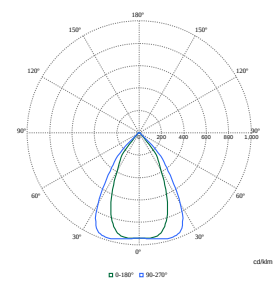
Polar Normal (separate) - 4MX400I -
910629123426



Polar Normal (separate) - 4MX400I -
910629124526



Polar Normal (separate) - 4MX400I -
910629123826



Polar Normal (separate) - 4MX400I -
910629123226

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