



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

Maxos LED inserts for TTX400

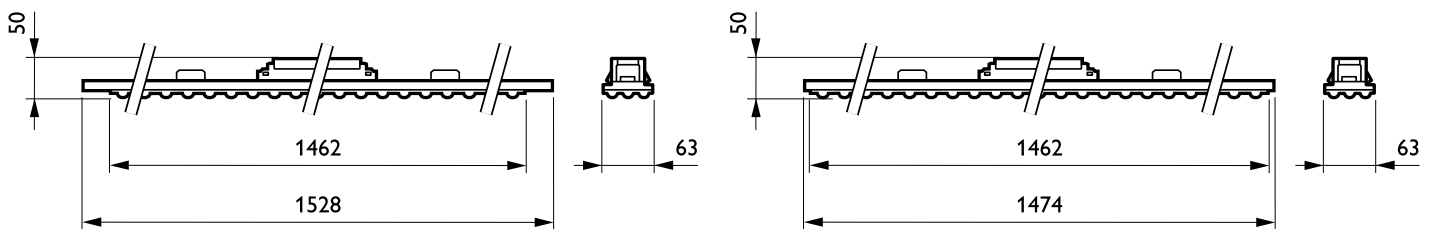
Features

- 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

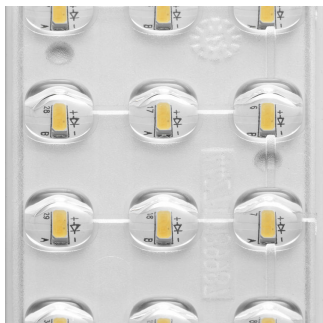
Application

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

Dimensional drawing



Product details



Maxos LED inserts for TTX400

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

General Information

Order Code	Full Product Name	Lamp family code
66241899	4MX400 491 LED40S/830 PSD NB WH	LED40S
66242599	4MX400 491 LED40S/830 PSD WB WH	LED40S
66243299	4MX400 491 LED40S/840 PSD NB WH	LED40S
66244999	4MX400 491 LED40S/840 PSD WB WH	LED40S
66245699	4MX400 491 LED55S/830 PSD NB WH	LED55S
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
66249499	4MX400 581 LED40S/830 PSD NB WH	LED40S
66252499	4MX400 581 LED40S/840 PSD WB WH	LED40S
66255599	4MX400 581 LED55S/840 PSD NB WH	LED55S
66256299	4MX400 581 LED55S/840 PSD WB WH	LED55S
66250099	4MX400 581 LED40S/830 PSD WB WH	LED40S
66251799	4MX400 581 LED40S/840 PSD NB WH	LED40S
66253199	4MX400 581 LED55S/830 PSD NB WH	LED55S
66254899	4MX400 581 LED55S/830 PSD WB WH	LED55S

Light Technical

Maxos LED inserts for TTX400

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux	Optic type
66241899	4MX400 491 LED40S/830 PSD NB WH	3000 K	158 lm/W	3,800 lm	Narrow beam
66242599	4MX400 491 LED40S/830 PSD WB WH	3000 K	158 lm/W	3,800 lm	Wide beam
66243299	4MX400 491 LED40S/840 PSD NB WH	4000 K	166 lm/W	4,000 lm	Narrow beam
66244999	4MX400 491 LED40S/840 PSD WB WH	4000 K	166 lm/W	4,000 lm	Wide beam
66245699	4MX400 491 LED55S/830 PSD NB WH	3000 K	160 lm/W	5,200 lm	Narrow beam
66246399	4MX400 491 LED55S/830 PSD WB WH	3000 K	160 lm/W	5,200 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

Operating and Electrical

Order Code	Full Product Name	Power Consumption
66241899	4MX400 491 LED40S/830 PSD NB WH	24 W
66242599	4MX400 491 LED40S/830 PSD WB WH	24 W
66243299	4MX400 491 LED40S/840 PSD NB WH	24 W
66244999	4MX400 491 LED40S/840 PSD WB WH	24 W
66245699	4MX400 491 LED55S/830 PSD NB WH	32.5 W
66246399	4MX400 491 LED55S/830 PSD WB WH	32.5 W
66247099	4MX400 491 LED55S/840 PSD NB WH	32.5 W
66248799	4MX400 491 LED55S/840 PSD WB WH	32.5 W

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
66241899	4MX400 491 LED40S/830 PSD NB WH	(0.43, 0.40) SDCM <3.5
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
66244999	4MX400 491 LED40S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5
66245699	4MX400 491 LED55S/830 PSD NB WH	(0.43, 0.40) 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
66248799	4MX400 491 LED55S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5

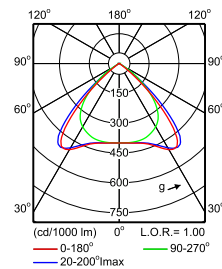
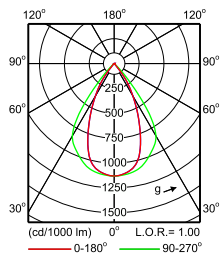
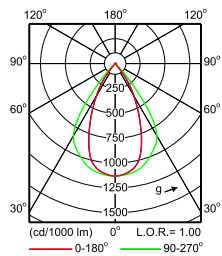
Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux	Optic type
66249499	4MX400 581 LED40S/830 PSD NB WH	3000 K	158 lm/W	3,800 lm	Narrow beam
66252499	4MX400 581 LED40S/840 PSD WB WH	4000 K	166 lm/W	4,000 lm	Wide beam
66255599	4MX400 581 LED55S/840 PSD NB WH	4000 K	169 lm/W	5,500 lm	Narrow 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	158 lm/W	3,800 lm	Wide beam
66251799	4MX400 581 LED40S/840 PSD NB WH	4000 K	166 lm/W	4,000 lm	Narrow beam
66253199	4MX400 581 LED55S/830 PSD NB WH	3000 K	160 lm/W	5,200 lm	Narrow beam
66254899	4MX400 581 LED55S/830 PSD WB WH	3000 K	160 lm/W	5,200 lm	Wide beam

Order Code	Full Product Name	Power Consumption
66249499	4MX400 581 LED40S/830 PSD NB WH	24 W
66252499	4MX400 581 LED40S/840 PSD WB WH	24 W
66255599	4MX400 581 LED55S/840 PSD NB WH	32.5 W
66256299	4MX400 581 LED55S/840 PSD WB WH	32.5 W
66250099	4MX400 581 LED40S/830 PSD WB WH	24 W
66251799	4MX400 581 LED40S/840 PSD NB WH	24 W
66253199	4MX400 581 LED55S/830 PSD NB WH	32.5 W
66254899	4MX400 581 LED55S/830 PSD WB WH	32.5 W

Order Code	Full Product Name	Initial chromaticity
66249499	4MX400 581 LED40S/830 PSD NB WH	(0.43, 0.40) SDCM <3.5
66252499	4MX400 581 LED40S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5
66255599	4MX400 581 LED55S/840 PSD NB 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
66251799	4MX400 581 LED40S/840 PSD NB WH	(0.38, 0.38) SDCM <3.5
66253199	4MX400 581 LED55S/830 PSD NB WH	(0.43, 0.40) SDCM <3.5
66254899	4MX400 581 LED55S/830 PSD WB WH	(0.43, 0.40) SDCM <3.5

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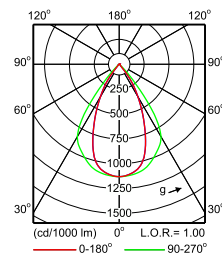
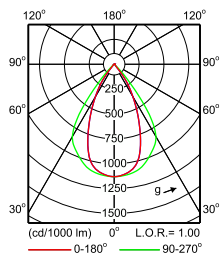
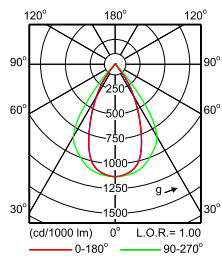
Polar Wide Diagrams



IFPS_4MX400 G3 491 1xLED40S/830 PSD NB-
Polar Normal (separate)

IFPS_4MX400 G3 491 1xLED55S/830 PSD NB-
Polar Normal (separate)

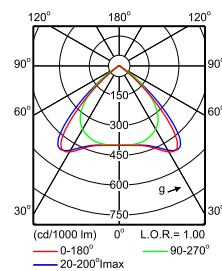
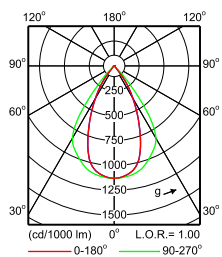
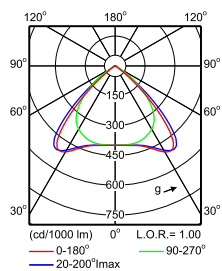
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Polar Normal (separate)



IFPS_4MX400 G3 491 1xLED55S/840 PSD NB-
Polar Normal (separate)

IFPS_4MX400 G3 491 1xLED66S/830 PSD NB-
Polar Normal (separate)

IFPS_4MX400 G3 491 1xLED66S/840 PSD NB-
Polar Normal (separate)



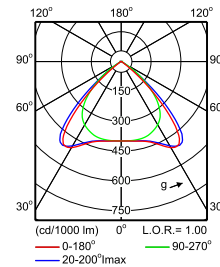
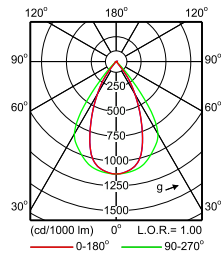
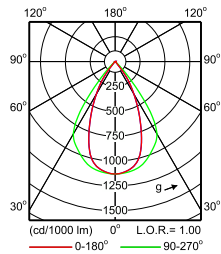
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IFPS_4MX400 G3 491 1xLED80S/830 PSD NB-
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Polar Normal (separate)

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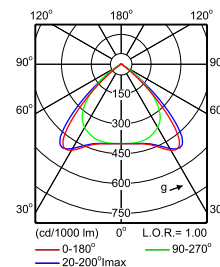
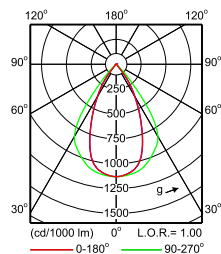
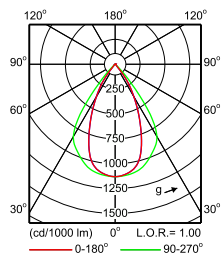
Polar Wide Diagrams



IFPS_4MX400 G3 581 1xLED40S/830 PSD NB-
Polar Normal (separate)

IFPS_4MX400 G3 581 1xLED40S/840 PSD NB-
Polar Normal (separate)

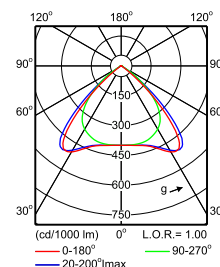
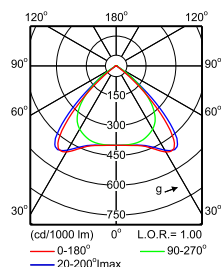
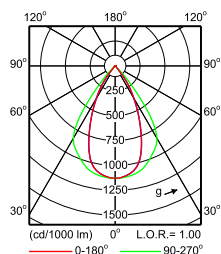
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Polar Normal (separate)



IFPS_4MX400 G3 581 1xLED55S/830 PSD NB-
Polar Normal (separate)

IFPS_4MX400 G3 581 1xLED55S/840 PSD NB-
Polar Normal (separate)

IFPS_4MX400 G3 581 1xLED55S/840 PSD WB-
Polar Normal (separate)



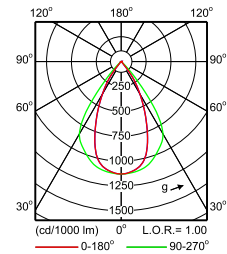
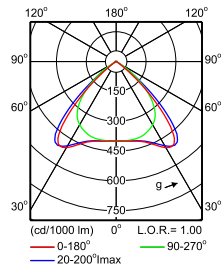
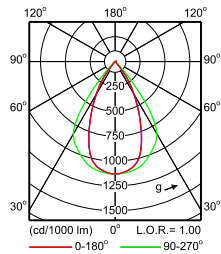
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Polar Normal (separate)

IFPS_4MX400 G3 581 1xLED66S/830 PSD WB-
Polar Normal (separate)

IFPS_4MX400 G3 581 1xLED66S/840 PSD WB-
Polar Normal (separate)

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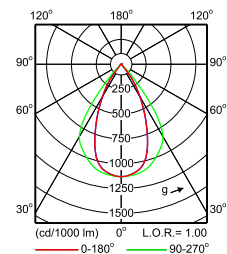
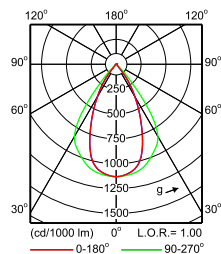
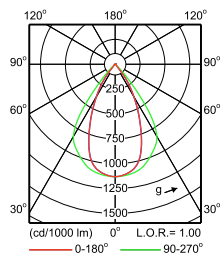
Polar Wide Diagrams



**IFPS_4MX400 G3 581 1xLED80S/830 PSD NB-
Polar Normal (separate)**

**IFPS_4MX400 G3 581 1xLED80S/830 PSD WB-
Polar Normal (separate)**

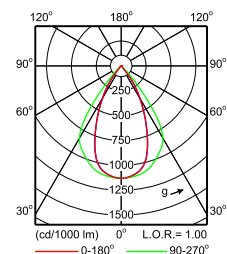
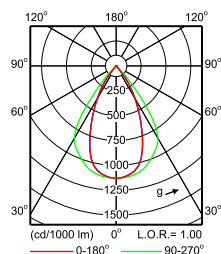
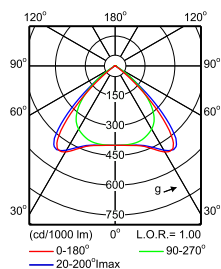
**IFPS_4MX400 G3 581 1xLED80S/840 PSD NB-
Polar Normal (separate)**



**IFPS_4MX400 491 1xLED40S/830 PSD NB-
Polar Normal (separate)**

**IFPS_4MX400 491 1xLED55S/830 PSD NB-
Polar Normal (separate)**

**IFPS_4MX400 581 1xLED40S/830 PSD NB-
Polar Normal (separate)**



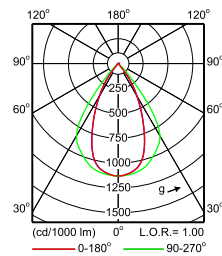
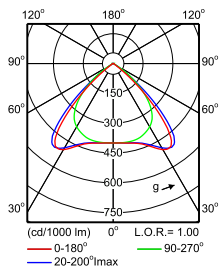
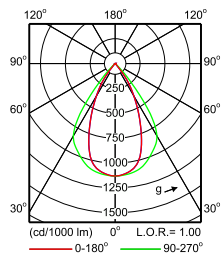
**IFPS_4MX400 581 1xLED40S/830 PSD WB-
Polar Normal (separate)**

**IFPS_4MX400 581 1xLED55S/830 PSD NB-
Polar Normal (separate)**

**IFPS_4MX400 G2 491 1xLED40S/840 PSD NB-
Polar Normal (separate)**

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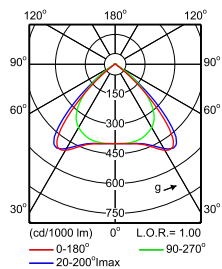
Polar Wide Diagrams



IFPS_4MX400 G2 581 1xLED55S/840 PSD NB-
Polar Normal (separate)

IFPS_4MX400 G2 581 1xLED55S/840 PSD WB-
Polar Normal (separate)

IFPS_4MX400 G2 581 1xLED66S/840 PSD NB-
Polar Normal (separate)



IFPS_4MX400 G2 581 1xLED66S/840 PSD WB-
Polar Normal (separate)

