



Maxos LED Performer – efficient and precise line lighting

Maxos LED Performer

Customers want to save energy and reduce cost compared to what they are used to with conventional lighting. At the same time, excellent lighting conditions are needed: in industrial environments, to guarantee safety and productivity; and in retail environments, to make the merchandise stand out and attract shoppers. Maxos LED Performer is an extremely flexible solution that delivers low energy consumption and excellent beam shaping at an attractive investment level.

Benefits

- Extremely fast payback
- Breakthrough optical system for precise beam shaping
- Flexible in terms of retrofits, spots, changes, accessories

Features

- Low energy consumption compared to fluorescent
- Excellent beam shaping for less spill light and exact light distribution in horizontal and vertical planes
- Proven Philips LED engines (Fortimo)
- Can be mounted, new or retrofit, onto a Maxos rail
- Also available in a flexible panel version 4MX800 or high-efficiency version 4MX850

Application

- Supermarkets
- Warehouses
- Production facilities

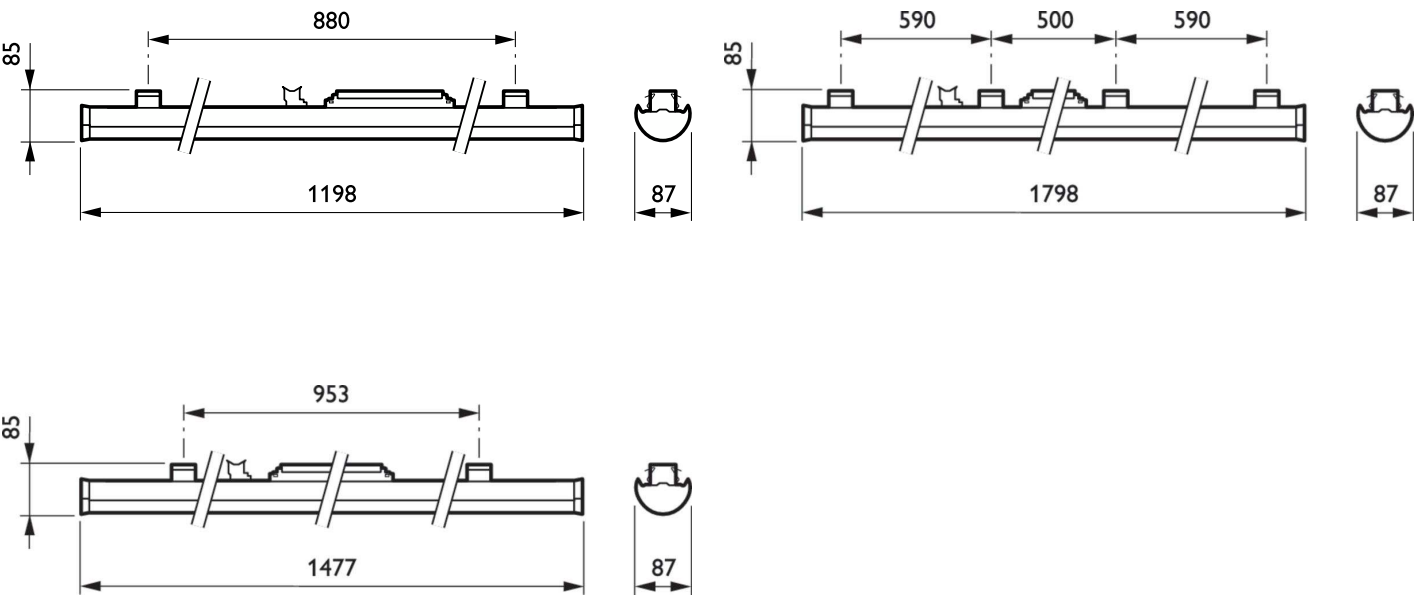
Maxos LED Performer

Versions



IPPR 4MX900i 0003

Dimensional drawing

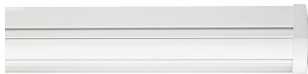


Product details

IPDP_4MX900i_0001-Detail
photo



IPDP_4MX900i_0003-Detail
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Maxos LED Performer

Product details



IPDP_4MX900i_0011-Detail
photo

Maxos LED Performer

General Information	
CE mark	Yes
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
Light source replaceable	No
Number of gear units	1 unit
Product family code	4MX900
Service tag	Yes
Light Technical	
Beam angle of light source	120 degree(s)
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	≥80
Number of light sources	1
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Temperature	
Ambient temperature range	-20 to +40 °C
Approval and Application	
Protection class IEC	Safety class I
Mech. impact protection code	IK02
Ingress protection code	IP40
Initial Performance (IEC Compliant)	
Initial chromaticity	(0.38, 0.38) SDCM <3.5
Luminous flux tolerance	+/-10%
Application Conditions	
Suitable for random switching	Not applicable

General Information

Order Code	Full Product Name	Lamp family code
66493199	4MX900 491 LED40S/840 PSU MB WH	LED40S
66612699	4MX900 LED40S/840 PSU WB WH L1200	LED40S
66439999	4MX900 LED60S/840 PSD DA20 SI L1800	LED60S

Light Technical

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux	Optic type
66493199	4MX900 491 LED40S/840 PSU MB WH	159 lm/W	4,000 lm	Medium beam
66612699	4MX900 LED40S/840 PSU WB WH L1200	154 lm/W	4,000 lm	Wide beam

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux	Optic type
66439999	4MX900 LED60S/840 PSD DA20 SI L1800	161 lm/W	6,000 lm	Double asymmetric optic 20°

Operating and Electrical

Maxos LED Performer

Order Code	Full Product Name	Power Consumption
66493199	4MX900 491 LED40S/840 PSU MB WH	25.2 W
66612699	4MX900 LED40S/840 PSU WB WH L1200	25.9 W

Order Code	Full Product Name	Power Consumption
66439999	4MX900 LED60S/840 PSD DA20 SI L1800	37.3 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
66493199	4MX900 491 LED40S/840 PSU MB WH	No
66612699	4MX900 LED40S/840 PSU WB WH L1200	No

Order Code	Full Product Name	Dimmable
66439999	4MX900 LED60S/840 PSD DA20 SI L1800	Yes

Mechanical and Housing

Order Code	Full Product Name	Housing Color
66493199	4MX900 491 LED40S/840 PSU MB WH	White
66612699	4MX900 LED40S/840 PSU WB WH L1200	White

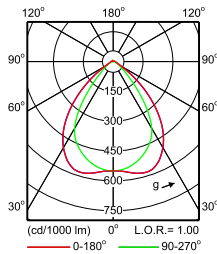
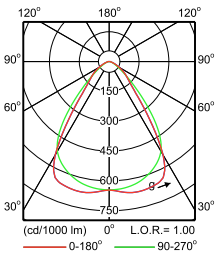
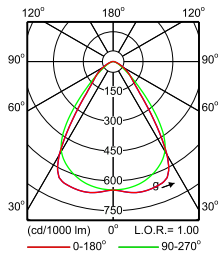
Order Code	Full Product Name	Housing Color
66439999	4MX900 LED60S/840 PSD DA20 SI L1800	Silver

Application Conditions

Order Code	Full Product Name	Maximum dim level
66493199	4MX900 491 LED40S/840 PSU MB WH	Not applicable
66612699	4MX900 LED40S/840 PSU WB WH L1200	Not applicable

Order Code	Full Product Name	Maximum dim level
66439999	4MX900 LED60S/840 PSD DA20 SI L1800	1%

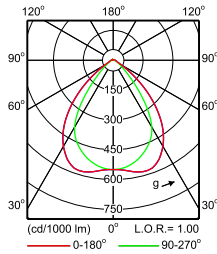
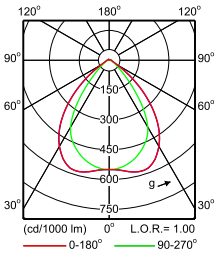
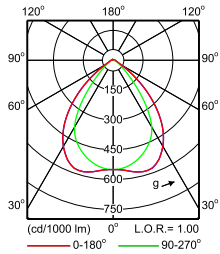
Polar Wide Diagrams



IFPS_4MX900 491 1xLED40S/830 PSU MB-
Polar Normal (separate)

IFPS_4MX900 491 1xLED40S/840 PSU MB-
Polar Normal (separate)

IFPS_4MX900 L1200 1xLED32S/840 PSU WB-
Polar Normal (separate)

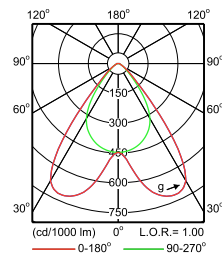
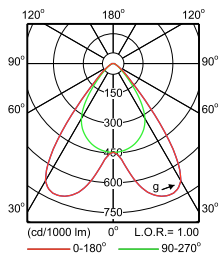
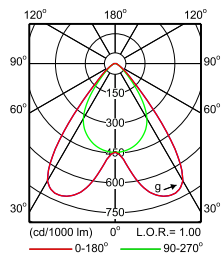


IFPS_4MX900 L1200 1xLED40S/830 PSU WB-
Polar Normal (separate)

IFPS_4MX900 L1200 1xLED40S/840 PSU WB-
Polar Normal (separate)

IFPS_4MX900 L1200 1xLED57S/830 PSU WB-
Polar Normal (separate)

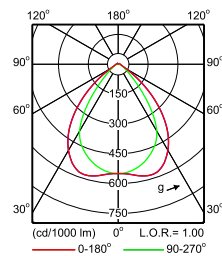
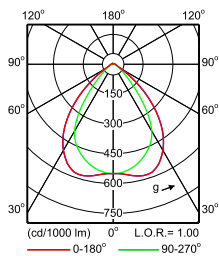
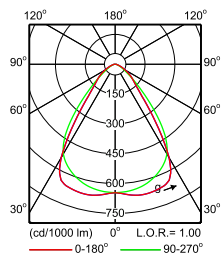
Polar Wide Diagrams



IFPS_4MX900 L1800 1xLED48S/840 PSD
DA20-Polar Normal (separate)

IFPS_4MX900 L1800 1xLED60S/840 PSD
DA20-Polar Normal (separate)

IFPS_4MX900 L1800 1xLED90S/840 PSD
DA20-Polar Normal (separate)



IFPS_4MX900 G3 491 1xLED40S/840 PSU MB-
Polar Normal (separate)

IFPS_4MX900 G3 L1200 1xLED40S/840 PSU
WB-Polar Normal (separate)

IFPS_4MX900 G3 L1200 1xLED60S/840 PSU
WB-Polar Normal (separate)

