PHILIPS Lighting



Maxos LED Performer

4MX900 LED60S/830 PSD WB WH L1800

Maxos LED Performer, LED Module, system flux 6000 lm, 830 warm white, Power supply unit with DALI interface, Wide beam, White

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.

Product data

General Information	
Lamp family code	LED60S [LED Module, system flux 6000
	lm]
Light source replaceable	No
Number of gear units	1 unit
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	4MX900 [Maxos LED Performer]

Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
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	6,000 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	150 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1

Maxos LED Performer

eam angle of light source	
	120 degree(s)
ight source color	830 warm white
ptic type	Wide beam
uminaire light beam spread	90°
nified glare rating CEN	Not applicable
perating and Electrical	
nput Voltage	220 to 240 V
ine Frequency	50 to 60 Hz
nrush current	21 A
nrush time	0.192 ms
ower Consumption	37.3 W
ower Factor (Fraction)	0.9
onnection	Connection unit 5-pole
able	-
lumber of products on MCB of 16 A type B	29
emperature	
mbient temperature range	-20 to +40 °C
ontrols and Dimming	
immable	Yes
river/power unit/transformer	Power supply unit with DALI interface
ontrol interface	DALI
onstant light output	No
lechanical and Housing	
ousing Material	Aluminum
eflector material	-
ptic material	Polymethyl methacrylate
ptical cover material	Polymethyl methacrylate
ixation material	Steel
lousing Color	White
ptical cover finish	Clear
overall length	1,800 mm
verall width	87 mm
verall height	82 mm
weratt height	
imensions (Height x Width x Depth)	82 x 87 x 1800 mm
	82 x 87 x 1800 mm
	82 x 8/ x 1800 mm

Photobiological risk	Photobiological risk group 0 @200mm to	
	EN62778	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.43, 0.40) SDCM <3.5	
Power consumption tolerance	+/-10%	
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*	L80	
50000 h		
Lumen maintenance at median useful life*	L80	
100000 h		
Application Conditions		
Performance ambient temperature Tq	25 ℃	
Maximum dim level	1%	
Suitable for random switching	Not applicable	
Product Data		
Order product name	4MX900 LED60S/830 PSD WB WH L1800	
Full product name	4MX900 LED60S/830 PSD WB WH L1800	
Full product code	403073266448199	
Order code	66448199	
Material Nr. (12NC)	910629137626	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	4030732664481	
Numerator - Packs per outer box	2	
EAN/UPC - Case	4030732262304	

IK02 [0.2 J standard]

Safety class I

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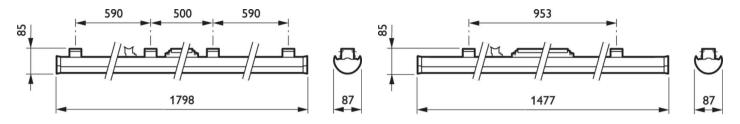
Mech. impact protection code

Sustainability rating

Protection class IEC

Maxos LED Performer

Dimensional drawing





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www.lighting.philips.com 2023, May 1 - data subject to change