



Maxos LED Performer

4MX900 491 LED40S/840 PSD WB WH

Maxos LED Performer, Trunking light panel, 25.2 W, L1479 mm, 4000 lm, 4000 K, DALI, Wide beam, Clear, White, IP40

Trunking light panel, L1479 mm, Aluminium, White, Power supply unit with DALI interface, 4000 lm, 25.2 W, 158 lm/W, 4000 K, (0.38, 0.38) SDCM <3.5, Wide beam, Clear, Polymethyl methacrylate, IP40 | Wire-protected, IK02 | 0.2 J standard, Safety class I, Connection unit 5-pole

Product data

General Information		Optic type	
Lamp family code	LED40S [LED module, system flux 4000 lm]	Optic type	Wide beam
Light source replaceable	No	Luminaire light beam spread	90°
Number of gear units	Unit	Unified Glare Rating (CEN)	Not applicable
Driver included	Yes	Operating and Electrical	
Service Tag	Yes	Input Voltage	220 to 240 V
Lighting Technology	LED	Line Frequency	50 to 60 Hz
Value ladder	Performance	Inrush current	21 A
Warranty period	5 years	Inrush time	0.192 ms
Light Technical		Power Consumption	25.2 W
Luminous Flux	4,000 lm	Power Factor (Fraction)	0.9
Saturated Red (R9)	<50	Connection	Connection unit 5-pole
Correlated Colour Temperature (Nom)	4000 K	Cable	-
Luminous efficacy (rated) (nom.)	158 lm/W	Number of products on MCB (16 A type B)	29
Colour rendering index (CRI)	>80	Suitable for random switching	Not applicable
Number of light sources	1	Protection class IEC	Safety class I
Beam angle of light source	120 degree(s)	Total harmonic distortion	20 %
Light source colour	840 neutral white		

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Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
DALI standard	DALI-2™
Maximum dim level	1%

Mechanical and Housing	
Housing material	Aluminium
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	Steel
Housing Colour	White
Optical cover/lens finish	Clear
Overall length	1,479 mm
Overall width	87 mm
Overall height	82 mm
Dimensions (height x width x depth)	82 x 87 x 1479 mm
Ingress protection code	IP40 [Wire-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	2.500 kg

Approval and Application	
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Remarks	* – According to the Lighting Europe guidance paper 'Evaluating the performance of LED - based luminaires – January 2018'; statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value.
Ambient temperature range	-20 to +40 °C

Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3.5
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤4

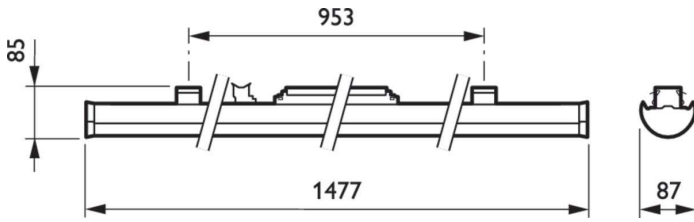
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life 50,000 h	5 %
Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) L90 at median useful life* 50000 h	
Lumen maintenance (EN-IEC 62722-2-1) L80 at median useful life* 100000 h	

Sustainability Data	
Sustainability rating	Unclassified
Repair class	Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and documentation are available for a period of time.
Embedded carbon (A1-A3)	54.7 kg CO _{2e}
Product non-virgin material ratio	7.26 %
Recyclable the content ratio of the finished product	45.9 %
GWP total B6 (kg CO _{2eq}) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO _{2eq} / kwh)
GWP total B6 (kg CO _{2eq}) Functional Unit	Please calculate using your local energy mix value: POWER DECLARED UNIT (kW) * 1000 (lm) / LUMEN OUTPUT DECLARED UNIT (lm) * 35000 (hrs) * ENERGY MIX (kg CO ₂ eq / kwh)

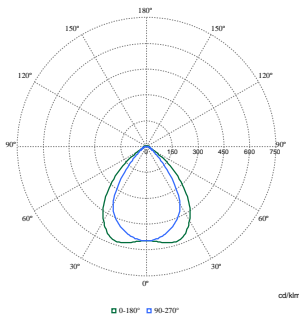
Product Data	
Order product name	4MX900 491 LED40S/840 PSD WB WH
Full product name	4MX900 491 LED40S/840 PSD WB WH
Full EOC	403073266624999
Order code	910629144426
Material no. (12 NC)	910629144426
Numerator – quantity per pack	1
EAN/UPC – Product/Case	4030732666249
Numerator – packs per outer box	2
EAN/UPC - Case	4030732264414
Product family code	4MX900 [Maxos LED Performer]

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Dimensional drawing



Photometric data



Polar Normal (separate) - 4MX9001 - 910629144426

