PHILIPS

Lighting



# Maxos LED Performer

## 4MX900 491 LED75S/840 PSU A30 WH

Maxos LED Performer - Generation 3 - 1 unit for TL5 49 W - LED Module, system flux 7500 lm - 840 neutral white - Power supply unit - Asymmetrical mirror axis angle 30° - 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 | |
|---|---|
| **Number of light sources** | 1 [ 1 pc] |
| **Lamp family code** | LED75S [ LED Module, system flux 7500 lm] |
| **Beam angle of light source** | 120 ° |
| **Light source colour** | 840 neutral white |
| **Light source replaceable** | No |
| **Number of gear units** | 1 unit |
| **Driver/power unit/transformer** | PSU [ Power supply unit] |
| **Driver included** | Yes |
| **Optic type** | A30 [ Asymmetrical mirror axis angle 30°] |
| **Luminaire light beam spread** | 30° |
| **Emergency lighting** | No [ -] |
| **Connection** | Connection unit 3-pole |
| **Cable** | - |
| **Protection class IEC** | Safety class I |
| **Glow-wire test** | Temperature 650 °C, duration 30 s |

| | |
|---|---|
| **Flammability mark** | D [ For mounting on easily flammable surfaces] |
| **CE mark** | CE mark |
| **ENEC mark** | ENEC mark |
| **Warranty period** | 5 years |
| **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. |
| **Constant light output** | No |
| **Number of products on MCB** | 24 |
| **RoHS mark** | RoHS mark |
| **Product Family Code** | 4MX900 [ Maxos LED Performer] |

# Maxos LED Performer

| | |
|---|---|
| **Unified glare rating CEN** | Not applicable |

## Operating and Electrical

| | |
|---|---|
| **Input voltage** | 220 to 240 V |
| **Input frequency** | 50 to 60 Hz |
| **Control signal voltage** | 0-16 V DC DALI |
| **Inrush current** | 17.8 A |
| **Inrush time** | 0.282 ms |
| **Power factor (min.)** | 0.9 |

## Controls and Dimming

| | |
|---|---|
| **Dimmable** | No |

## Mechanical and Housing

| | |
|---|---|
| **Trunking length** | 491 [ 1 unit for TL5 49 W] |
| **Housing material** | Aluminium |
| **Reflector material** | - |
| **Optic material** | Polymethyl methacrylate |
| **Optical cover/lens material** | Polymethyl methacrylate |
| **Fixation material** | Steel |
| **Optical cover/lens finish** | Clear |
| **Overall length** | 1479 mm |
| **Overall width** | 87 mm |
| **Overall height** | 82 mm |

## Approval and Application

| | |
|---|---|
| **Ingress protection code** | IP40 [ Wire-protected] |
| **Mech. impact protection code** | IK02 [ 0.2 J standard] |

## Initial Performance (IEC Compliant)

| | |
|---|---|
| **Initial luminous flux** | 7500 lm |
| **Luminous flux tolerance** | +/-10% |
| **Initial LED luminaire efficacy** | 134 lm/W |
| **Init. Corr. colour temperature** | 4000 K |
| **Init. colour rendering index** | ≥80 |
| **Initial chromaticity** | (0.38, 0.38) SDCM <3.5 |
| **Initial input power** | 56 W |
| **Power consumption tolerance** | +/-10% |

## Over Time Performance (IEC Compliant)

| | |
|---|---|
| **Control gear failure rate at median useful life 50000 h** | 5 % |
| **Lumen maintenance at median useful life* 50000 h** | L80 |

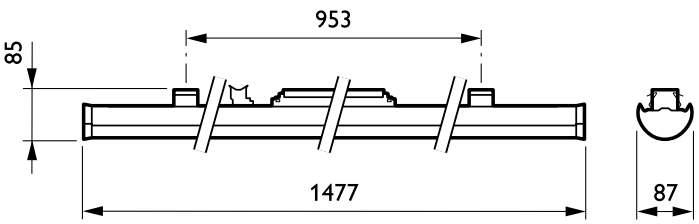
## Application Conditions

| | |
|---|---|
| **Ambient temperature range** | -20 to +40 °C |
| **Performance ambient temperature Tq** | 25 °C |
| **Suitable for random switching** | Not applicable |

## Product Data

| | |
|---|---|
| **Full product code** | 403073266711699 |
| **Order product name** | 4MX900 491 LED75S/840 PSU A30 WH |
| **EAN/UPC – product** | 4030732667116 |
| **Order code** | 66711699 |
| **Numerator – quantity per pack** | 1 |
| **Numerator – packs per outer box** | 2 |
| **Material no. (12NC)** | 910629148526 |
| **Net weight (piece)** | 2.345 kg |

## Dimensional drawing




**Maxos LED Performer 4MX900-933**

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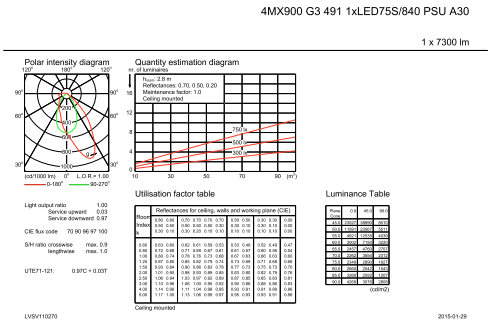
## Photometric data

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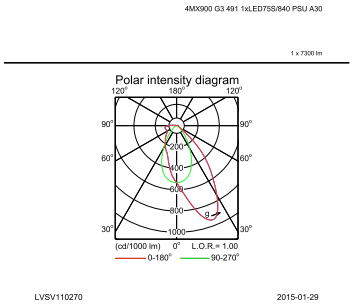


IFPC1_4MX900 G3 491 1xLED75S840 PSU A30.EPS

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