PHILIPS Lighting



Maxos LED Performer

4MX916 581 LED75S/830 PSD WB WH ELB1C-2R

MAXOS LED PERFORMER EM 1H6S, LED Module, system flux 7500 lm, 830 warm white, Power supply unit with DALI interface, Wide beam, Connector with 2 additional wires for light regulation, 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 | LED75S [LED Module, system flux 7500 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 | 4MX916 [MAXOS LED PERFORMER EM |
|------------------------------------|-----------------------------------|
| | 1H6S] |
| Lighting Technology | LED |
| Value ladder | Performance |
| CE mark | Yes |
| Warranty period | 5 years |
| Flammability mark | - |
| ENEC mark | ENEC mark |
| Glow-wire test | Temperature 850 °C, duration 30 s |
| EU RoHS compliant | Yes |
| | |
| Light Technical | |
| Luminous Flux | 7,500 lm |
| Saturated Red (R9) | <50 |
| Correlated Color Temperature (Nom) | 3000 K |
| | |

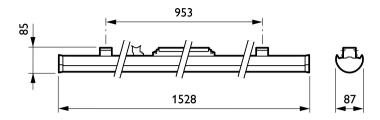
Maxos LED Performer

| Luminous Efficacy (rated) (Nom) | 115 lm/W |
|--|---|
| Color rendering index (CRI) | ≥80 |
| Number of light sources | 1 |
| Beam angle of light source | 120 degree(s) |
| Light source color | 830 warm white |
| Optic type | Wide beam |
| Luminaire light beam spread | 90° |
| Unified glare rating CEN | Not applicable |
| | |
| Operating and Electrical | |
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Initial CLO power consumption | - W |
| Average CLO power consumption | - W |
| Inrush current | 21 A |
| Inrush time | 0.280 ms |
| Power Consumption | 65.5 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Connector with 2 additional wires for light |
| | regulation |
| Cable | - |
| Number of products on MCB of 16 A type B | 24 |
| Tomporature | |
| Temperature | -20 to +40 °C |
| Ambient temperature range | -2010+40 C |
| Controls and Dimming | |
| Dimmable | Yes |
| Driver/power unit/transformer | Power supply unit with DALI interface |
| Control interface | DALI |
| Constant light output | No |
| | |
| Mechanical and Housing | |
| Heurine Meterial | |
| Housing Material | Aluminum |
| Reflector material | Aluminum - |
| | Aluminum - Polymethyl methacrylate |
| Reflector material | - |
| Reflector material Optic material | - Polymethyl methacrylate |
| Reflector material Optic material Optical cover material | - Polymethyl methacrylate Polymethyl methacrylate |
| Reflector material Optic material Optical cover material Fixation material | - Polymethyl methacrylate Polymethyl methacrylate Steel |
| Reflector material Optic material Optical cover material Fixation material Housing Color | - Polymethyl methacrylate Polymethyl methacrylate Steel White |
| Reflector material Optic material Optical cover material Fixation material Housing Color Optical cover finish | - Polymethyl methacrylate Polymethyl methacrylate Steel White Clear |
| Reflector material Optic material Optical cover material Fixation material Housing Color Optical cover finish Overall length | - Polymethyl methacrylate Polymethyl methacrylate Steel White Clear 1,530 mm |

| Approval and Application | |
|---|--|
| Ingress protection code | IP40 [Wire-protected] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Protection class IEC | Safety class I |
| 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 Complia | nt) |
| Control gear failure rate at median useful | 5 % |
| life 50000 h | |
| Lumen maintenance at median useful life* | - |
| 35000 h | |
| Lumen maintenance at median useful life* | L80 |
| 50000 h | |
| Lumen maintenance at median useful life* | - |
| 75000 h | |
| Lumen maintenance at median useful life* | - |
| 100000 h | |
| Application Conditions | |
| Performance ambient temperature Tq | 25 ℃ |
| Maximum dim level | 1% |
| Suitable for random switching | Not applicable |
| Product Data | |
| Order product name | 4MX916 581 LED75S/830 PSD WB WH |
| | ELB1C-2R |
| | |
| Full product name | 4MX916 581 LED75S/830 PSD WB WH |
| Full product name | 4MX916 581 LED75S/830 PSD WB WH ELB1C-2R |
| Full product name Full product code | |
| | ELB1C-2R |
| Full product code | ELB1C-2R 871869684723799 |
| Full product code Order code | ELB1C-2R 871869684723799 910500457256 |
| Full product code Order code Material Nr. (12NC) | ELB1C-2R 871869684723799 910500457256 910500457256 |
| Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack | ELB1C-2R 871869684723799 910500457256 910500457256 1 |

Maxos LED Performer

Dimensional drawing





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