

Maxos LED, recessed

RC302B 2xLED10S/840 PSU W

Maxos Recessed LED, 2, LED Module, system flux 1000 lm, 840 neutral white, Power supply unit (On/Off), Plug-in connector 3-pole Wieland/Adels compatible

Maxos LED Recessed is a semi-modular recessed LED luminaire for shelf and gondola lighting. Thanks to its adjustable optic, the light can be aimed precisely at the products on the shelves or at signage. The dedicated beam shape results in maximum visibility of the merchandise on display and less spill light. The individual LEDs are shielded by anti-glare optics, thus ensuring visual comfort and creating an innovative 'light line' appearance. The luminaire's astonishing system efficiency, combined with its maintenance-free operation and absence of hazardous materials, make it a truly green product. Maxos LED Recessed fits any shop floor layout. No additional ceiling profile is required: the ceiling tile can be laid directly on the flat luminaire rim, reducing installation time and material usage.

Product data

| General Information | | Product family code | |
|--------------------------|---|---|--|
| Lamp family code | LED10S [LED Module, system flux 1000 lm] | RC300B [Maxos Recessed LED] | |
| Light source replaceable | No | Lighting Technology | |
| Number of gear units | 1 unit | LED | |
| Driver included | Yes | CE mark | |
| 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. | Yes | |
| | | Warranty period | |
| | | 5 years | |
| | | Flammability mark | |
| | | For mounting on normally flammable surfaces | |
| | | ENEC mark | |
| | | ENEC plus mark | |
| | | Glow-wire test | |
| | | Temperature 650 °C, duration 5 s | |
| | | EU RoHS compliant | |
| | | Yes | |
| Light Technical | | Light Technical | |
| | | Luminous Flux | |
| | | 2,500 lm | |
| | | Correlated Color Temperature (Nom) | |
| | | 4000 K | |

Maxos LED, recessed

| | |
|---------------------------------|------------------------------------|
| Luminous Efficacy (rated) (Nom) | 140 lm/W |
| Color rendering index (CRI) | ≥80 |
| Number of light sources | 2 |
| Light source color | 840 neutral white |
| Optic type | - |
| Optical cover type | Polymethyl methacrylate bowl/cover |
| Luminaire light beam spread | 70° |
| Unified glare rating CEN | Not applicable |

Operating and Electrical

| | |
|--|---|
| Input Voltage | 220-240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 16 A |
| Inrush time | 0.220 ms |
| Power Consumption | 17.8 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Plug-in connector 3-pole Wieland/Adels compatible |
| Cable | - |
| Number of products on MCB of 16 A type B | 28 |

Temperature

| | |
|---------------------------|---------------|
| Ambient temperature range | +10 to +40 °C |
|---------------------------|---------------|

Controls and Dimming

| | |
|-------------------------------|----------------------------|
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Constant light output | No |

Mechanical and Housing

| | |
|------------------------|-------------------------|
| Housing Material | Steel |
| Reflector material | Aluminum |
| Optic material | - |
| Optical cover material | Polymethyl methacrylate |

| | |
|-------------------------------------|--------------------|
| Fixation material | - |
| Housing Color | White |
| Optical cover finish | Ribbed |
| Overall length | 622 mm |
| Overall width | 194.5 mm |
| Overall height | 115 mm |
| Dimensions (Height x Width x Depth) | 115 x 195 x 622 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 |

Initial Performance (IEC Compliant)

| | |
|-----------------------------|----------------------|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.38, 0.38) SDCM <3 |
| Power consumption tolerance | +/-10% |

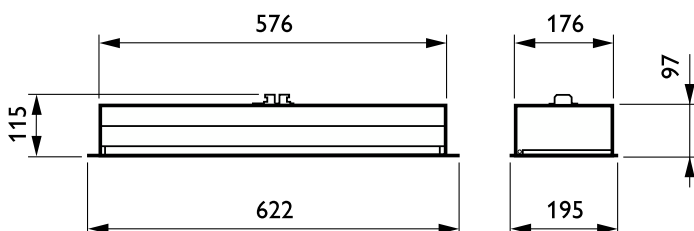
Application Conditions

| | |
|------------------------------------|-------|
| Performance ambient temperature Tq | 25 °C |
| Suitable for random switching | No |

Product Data

| | |
|---------------------------------|---------------------------|
| Order product name | RC302B 2xLED10S/840 PSU W |
| Full product name | RC302B 2xLED10S/840 PSU W |
| Full product code | 871794391360200 |
| Order code | 91360200 |
| Material Nr. (12NC) | 910501968703 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8717943913602 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8717943913602 |

Dimensional drawing



Maxos LED, recessed

