



Product Data Sheet

LED driver

LPV-100-12V Meanwell LED DRIVER IP67



Order number

252100040

Unit EAN13 code

8595209946966

General information

| | |
|----------------------------------|---|
| Model/Description | LED driver |
| Finish | Konstantní napětí |
| Brand/Manufacturer | Meanwell |
| Lamp type | |
| Nominal service life (h) | 50000 h |
| Degree of protection (IP) | IP67 |
| Model | Dynamický |
| Dimmable | Ne |
| Housing | Plastové pouzdro |
| Nominal voltage (V) | 220 - 240 V |
| Degree of protection (IP) | IP67 |
| Dimmable by conventional dimmers | Ne |
| Název položky | LPV-100-12V Meanwell LED DRIVER IP67 |

Electrical characteristics

| | |
|--|--------------------|
| Nominal wattage | 100 W |
| Rated power (W) | 112 W |
| Current | 2,2 A |
| Operating voltage (V) | 100 - 240 V |
| Endurance | V |
| Type of Voltage | AC |
| Lowest permitted operating voltage (V) | 100 V |
| Pulse height | kV |
| Nominal current (A) | 2,2 A |

Working conditions

| | |
|---|--|
| Type of start | |
| Output frequency of ballast (driver) | kHz |
| Operating frequency | 50 - 60 Hz |
| Working temperature of the ballast body -Tc max | 70 °C |
| Heat protection | Ano |
| Protection against damage during power failure | Ano |
| Protection against overvoltage | Ano |
| Burning position | Libovolná |
| Total Harmonic Distortion | % |
| Application | Napájení světelných zdrojů LED stabilizovaným napětím |
| Suitable for frequent switching | Ano |
| Ambient temperature | -20/+50 °C |
| Suitable for outdoor use | Ano |
| Output voltage | 12 V |
| Output power | 50 - 100 W |
| Output current | 8400 mA |
| Type of dimming | Nestmívatelný |
| Suitable for constant current | Ne |
| Suitable for constant voltage | Ano |
| Suitable for DC-voltage (primary side) | Ne |

Physical characteristics

| | |
|-------------------------|-------------------------|
| Dimensions (mm) | 200 x 52 x 37 mm |
| Packing method | |
| Weight gross | 646 g |
| Spacing of fixing holes | 190 mm |
| Width | 52 mm |
| Height | 37 mm |
| Weight netto | 618 g |
| Length | 200 mm |

EuP Parameters

| | |
|------------------------------------|------------------|
| Average Lifetime B50 (h) | 50000 h |
| Number of maximal switching cycles | >50000 |
| The rate of premature failures | <1 % |
| Rated service life | 50000 h |

Safety information

| | |
|---------------------|---|
| Insulation class | Třída II |
| Safety instructions | www.nbb.cz |
| Protection class | Dvojitou izolací |

Energetic characteristics

| | |
|-------------------------|-------------|
| Energy Efficiency Index | |
| Lamp Power factor (PF) | 0,95 |

Ballast efficiency (%)

91 %

Exclusion of liability

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Notice

Under the scope of Act 185/2001 Coll. as amended, this product is included in waste group 5 (light sources and luminaires). In view of the harmful effects of mercury on the environment and on human health, the creators of group 5 waste (consumers) are obliged to dispose of used light sources for recycling. Do not throw this product into mixed waste after use. Take it to the nearest store, collection yard, or other designated location for free recycling. You can also dispose of the used products for recycling in our sales outlets or in collection points of collective recycling systems or municipal collection yards. Ecological recycling of waste electrical and electronic equipment is ensured through the RETELA collective system (www.retela.cz).

Notice

Single LED chip failure, luminous flux deviation +/- 10% as well as chromaticity deviation +/- 150K are in compliance with applicable standards and are not a reason for complaint.

Popis

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