

Driver for DC-LED lamps and modules

DRIVER 50W/1200mA IP20

Radium

Product Datasheet Date: 18.04.2026



General Data

| | |
|---------------------------|--|
| Article No. | OTNA4035 |
| Kod | DRIVER DC 50W/1200mA IP20 |
| Product EAN | 4003556010871 |
| Box quantity (pcs.) | 48 |
| EAN Box | 4003556410879 |
| Gross weight of box in kg | 9.8 |
| Length of box in m | 0.385 |
| Width of box in m | 0.285 |
| Height of box in m | 0.21 |
| Product weight | 186 g |
| Product status | ● Aktywne |

Electric Parameters

| | |
|-------------------------------|-------------|
| Rated value output power max. | 50.4 W |
| Output power | 39.6-50.4 W |
| Power factor | ≥0,95 |
| Input voltage AC (range) | 220-240 V |
| Input voltage DC (range) | 200-280 V |

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Electric Parameters

| | |
|---|----------------|
| Output voltage | 33-42 V |
| Surge voltage resistance (L - N) | 1 kV |
| Inrush current | 58 A |
| Output current | 1200-1200 mA |
| Mains frequency | 0 / 50 / 60 Hz |
| Suitable for DC-voltage (primary side) | Tak |
| Content of harmonics (THD) | 20 % |
| max. no. of lamps at 10A automatic fuse | 9 |
| max. no. of lamps at 16A automatic fuse | 15 |
| dimnable | Nie |
| Dimming with push-button | Nie |

Service Life

| | |
|---------------------|----------|
| Service life | 70000 h |
| Lifetime @Tc max. | 50000 h |
| Tc Temperature max. | 73 °C |
| Lifetime @Tc mean | 70000 h |
| Tc mean | 68 °C |
| Lifetime @Tc low | 100000 h |
| Tc low | 63 °C |
| Guarantee | 5 years |

Specification

| | |
|-----------------|--------|
| Mean efficiency | ≥90% % |
| Length | 245 mm |
| Height max. | 21 mm |
| Width | 30 mm |
| Material | metal |
| Model | Static |

Notes on Operation

| | |
|------------------------------|------------------|
| Degree of protection (IP) | IP20 |
| Mode of operation | Constant current |
| Type of connection | spring clamp |
| Range of storage temperature | -40...+80 °C |
| Ambient temperatures | [-30...+50] |

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Notes on Operation

| | |
|----------------------------|-------|
| Tc Temperature max. | 73 °C |
| max. relative air humidity | 90 % |
| Max. no. of Neo36 | 4 |
| Max. no. of Neo58 | 2 |

Miscellaneous

| | |
|------------------|--------------------|
| Similar products | OTNA4033, OTNA4034 |
|------------------|--------------------|

Notes

External constant current driver for installation in luminaire (e.g. for DC LED tubes), not dimmable, indoor use.

Please, refer to www.radium.de/recycling for notes on disposal of burned-out lamps as well as lamp breakage.

The "lifespan L70" described for LED lamps indicates the number of hours when the luminous flux has decreased to 70% of its initial value.

The optimal field 'info about service life' contains the frame conditions according to standards based on which the specific service life has been determined. So, for example, "12B50, 50Hz" means that the mean service life (B50) has been determined with a 12h switching cycle at mains (frequency 50Hz), "3B50, HF" is based on a 3h switching cycle at electronic control gear (high frequency).

Special features



General notes

The technical design data in accordance with DIN and IEC. The producer does not take any responsibility for damage to persons or property in case of unsuitable operation or handling of the product. Operating data and dimensions are valid within the usual tolerances. Related lamp types (different bases, mains voltages) may be available on request. Sale and delivery are effected in accordance with the Radium Terms of Delivery and Payment valid on the day of conclusion of contract. Packing units offer economical advantages to the purchase and logistic department. Please match your quantity volume accordingly. For orders of a minimum quantity (clefts) with a lamp model the amount lower than the volume of each packaging unit, we will invoice 10 % additional charge per lamp type. Technical changes and terms of delivery are reserved. Manipulation of any kind to packaging or product is not permissible as this will violate Radium brand rights. Furthermore, technical properties of the product can change to its disadvantage or even destruction. Therefore, Radium cannot be responsible for consequential damages.

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