

LED Driver with Phasecut dimmer

Driver Phasecut 75W/24V IP20 Radium



Product Datasheet Date: 30.01.2026



General Data

| | |
|---------------------------|-------------------------------------|
| Article No. | OTDA3026 |
| Code | DRIVER PHASECUT 75W/24V IP20 RADIUM |
| Product EAN | 4003556009882 |
| Box quantitiy (pcs.) | 30 |
| EAN Box | 4003556409880 |
| Gross weight of box in kg | 11.4 |
| Length of box in m | 0.318 |
| Width of box in m | 0.245 |
| Height of box in m | 0.215 |
| Product weight | 300 g |
| Product status | <div></div> Active |

Electric Parameters

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|----------------------------------|-------------|
| Rated value output power max. | 75.0 W |
| Output power | 0-75.0 W |
| Power factor | 0.98 |
| Input voltage AC (range) | 220-240 V |
| Output Voltage | 24 V |
| Output voltage | 23.5-24.5 V |
| Surge voltage resistance (L - N) | 2 kV |
| Number of Channels | 1 |
| Inrush current | 30 A |
| Input current | 0.4 A |

Electric Parameters

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|--|--|
| Output current | 0-3125 mA |
| Mains frequency | 50 / 60 Hz |
| PWM frequency | 3600 Hz |
| Suitable for DC-voltage (primary side) | No |
| Content of harmonics (THD) | 6 % |
| dimmable | Yes |
| Dimming with push-button | Yes |
| Dimming interface | Phase-Cut, for Push-DIM* operation, please note* |

Light Application Parameters

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|---------------|-----------|
| Dimming range | 0 - 100 % |
|---------------|-----------|

Service Life

| | |
|---------------------|---------|
| Service life | 50000 h |
| Tc Temperature max. | 90 °C |

Specification

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|-----------------|---------|
| Mean efficiency | 88 % |
| Length | 293 mm |
| Height max. | 30 mm |
| Width | 43 mm |
| Model | Dynamic |

Notes on Operation

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|------------------------------|--------------|
| Degree of protection (IP) | IP20 |
| Range of storage temperature | -40...+80 °C |
| Ambient temperatures | -20...+50 °C |
| Tc Temperature max. | 90 °C |
| max. relative air humidity | 95 % |

Information especially for EPREL

| | |
|---------|------------------------|
| Flicker | flicker-free IEEE 1789 |
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Miscellaneous

| | |
|------------------|--------------------|
| Similar products | OTDA4077, OTDA4078 |
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Radium

Notes

1 channel constant voltage supply 24V

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

* If the light sources in Push-Dim operation can no longer be switched at the same time or dimmed evenly when operating the lighting system with SEVERAL drivers on ONE switch button, the system works asynchronously and can be synchronized again using a RESET routine:

1. Step: LONG press (> 0.5 s) => all lights switch ON
2. Step: SHORT press (< 0.5 s) => all lights switch OFF
3. Step: LONG press (> 0.5 s) => all lights switch ON and dim
- [4. Step: Double click => save dimming setting (optional)]

The drivers then behave synchronously again.

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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