LED driver with phasecut dimmable
Driver Phasecut 75W/24V IP20 Radium

Product Datasheet Date: 04.12.2020

Please, dump as special waste, **no ordinary household waste!**

General Data

Article No.	OTDA3026
Code	DRIVER PHASECUT 75W/24V IP20 RADIUM
Product EAN	4003556009882
Customs tariff no.	85044082
Box quantitiy (pcs.)	40
EAN Box	4003556409880
Gross weight of box in kg	14.55
Length of box in m	0.465
Width of box in m	0.035
Height of box in m	0.0145
ETIM class	EC002710
ETIM class name	LED driver
Weight	350 g
Product status	Active

Electric Parameters

Output power	0-75 W
Power factor	0.98

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Radium

Electric Parameters

effective input current	230 V
Output Voltage	24 V
Inrush current	30 A
Input current	0.4 A
Current out	3.125 A
Supply frequency	50 / 60 Hz
Surge voltage resistance (L - N)	2 kV
Content of harmonics (THD)	6 %
dimmable	Yes

Light Application Parameters

Dimming range	0 - 100 %
PWM frequency	3600 Hz
Flicker	flicker-free IEEE 1789

Service Life

Service life	50000 h

Specification

Length	293 mm
Height	30 mm
Width	43 mm
Model	Dynamic

Notes on Operation

Degree of protection (IP)	IP20
Mean efficiency	88 %
Protection class	II
Range of storage temperature	-40...+80 °C
Ambient temperatures	-20…+50 °C
Tc Temperature max.	90 °C
max. relative air humidity	95 %
Dimming phase cut-off	Yes
Dimming phase cut-on	Yes
Dimming Touch and Dim	Yes
Dimming with push-button	Yes

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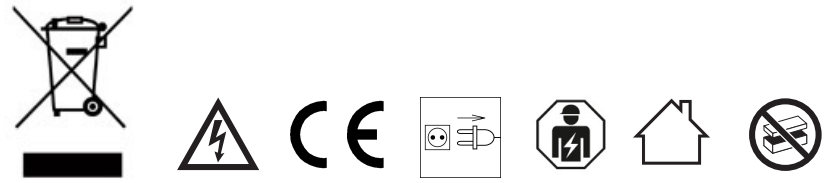
Notes

1 channel constant voltage supply 24V, dimmable by leading or trailing edge phasecut dimmer, for indoor applications

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 optinal 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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All technical data without guarantee.

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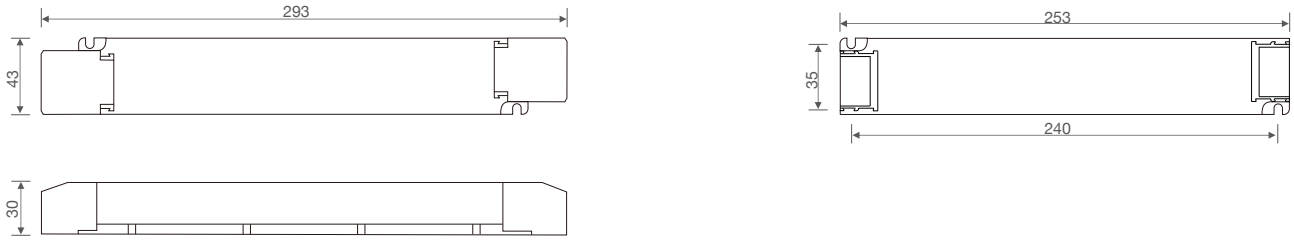
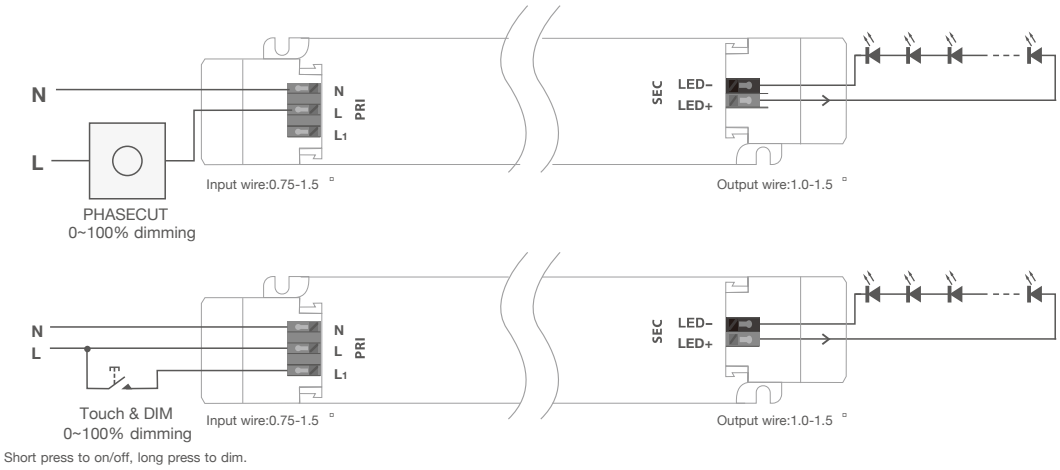
Dimensions



Wiring diagram



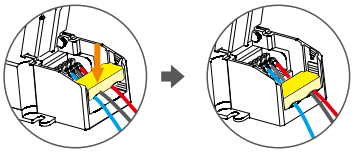
Touch & DIM

Reset switch

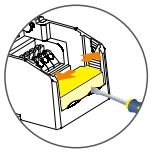
- On/off control: Short press.
- Stepless dimming: Long press.
- With every other long press, the brightness goes to the opposite direction.
- Dimming memory: The lights will return to its previous brightness value when short press on PUSH DIM button. Power on again after power cut, the output brightness is subjected to the input voltage of drivers.

Application of protective cover

Wire pressing board:

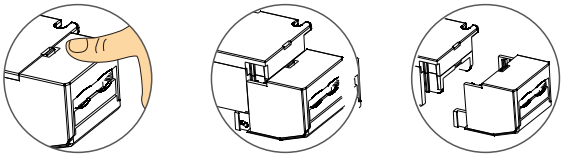


Push the wire pressing board to fix the wire.



Push outward the side plate, meanwhile use the tool to uninstall the wire pressing board.

Uninstall protective cover:



Break off the bottom left and right to remove the protective cover.