LED driver 1-10V

DRIVER 1-10V 100W/24V IP67 OSRAM

Radium

Product Datasheet Date: 30.10.2026



General Data

Article No.	OTDA2427
Codice	DRIVER 1-10V 100W/24V IP67 OSRAM
Product EAN	4052899545861
Box quantitiy (pcs.)	10
EAN Box	4052899545878
Gross weight of box in kg	8.884
Product weight	765 g
Product status	Inattivo

Electric Parameters

Rated value output power max.	100.0 W
min. output power	1.0 W
Output power	0-100.0 W
Power factor	0,95
Input voltage AC (range)	198-264 V
Output Voltage	24,2 V
Output voltage	24-24 V
Surge voltage resistance (L - N)	4 kV
Number of Channels	1
Supply frequency	0/50/60 Hz
Suitable for DC-voltage (primary side)	Sì
max. no. of lamps at 10A-B10 automatic fuse	10
max. no. of lamps at 16A-B16 automatic fuse	16

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Electric Parameters

dimmable	Sì
Dimming with push-button	No
Dimming interface	1-10 V

Service Life

Service life	50000 h
Tc Temperature max.	80 °C

Specification

Mean efficiency	90 %
Length	240 mm
Height max.	34 mm
Width	50 mm
Model	Static
Material	metal

Notes on Operation

Degree of protection (IP)	IP67
Protection class	I
Type of connection	Cable
Ambient temperatures	-30…+55 °C
Tc Temperature max.	80 °C

Notes

Constant voltage supply 24V, dimmable via 1-10V interface, for outdoor 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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