DALI-driver for DC-LED lamps and modules

DRIVER DC DALI 30W/550-750mA IP20

Product Datasheet Date: 11.11.2026



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YEARS
GUARANTEE

General Data

Artikel Nr.	OTDA4031
Bestellzeichen	DRIVER DC DALI 30W/550-750mA IP20
EAN-Faltschachtel	4003556010833
Versandeinheit in Stk.	56
EAN Umkarton (Versandeinheit)	4003556410831
Brutto-Gewicht Versandeinheit in kg	10.18
Länge Versandeinheit in m	0.375
Breite Versandeinheit in m	0.275
Höhe Versandeinheit in m	0.28
Product weight	180 g
Produktstatus	Aktiv

Electric Parameters

Rated value output power max.	31.5 W
Output power	10.0-31.5 W
Power factor	≥0,9
Input voltage AC (range)	220-240 V
Input voltage DC (range)	200-264 V

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Radium

Electric Parameters

Output voltage	18-44 V
Surge voltage resistance (L - N)	2 kV
Inrush current	80 A
Output current	550-750 mA
Mains frequency	0 / 50 / 60 Hz
Suitable for DC-voltage (primary side)	Ja
Content of harmonics (THD)	15 %
dimmable	Ja
Dimming with push-button	Ja
Dimming interface	DALI
DALI Device Type	DALI2 DT6

Light Application Parameters

Dimming range	0 - 100 %

Service Life

Service life	70000 h
Lifetime @Tc max.	50000 h
Tc Temperature max.	67 °C
Lifetime @Tc mean	70000 h
Tc mean	63 °C
Lifetime @Tc low	100000 h
Tc low	57 °C
No. switching cycles	>50.000
Guarantee	5 years

Specification

Mean efficiency	87 %
Length	245 mm
Height max.	21 mm
Width	30 mm
Material	metal

Notes on Operation

Degree of protection (IP)	IP20
Protection class	I
Mode of operation	Constant current

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Notes on Operation

Type of connection	spring clamp
Range of storage temperature	-30...+80 °C
Ambient temperatures	-30…+50 °C
Tc Temperature max.	67 °C
max. relative air humidity	90 %
Max. no. of Neo18	4
Max. no. of Neo36	2

Miscellaneous

Similar products	OTDA4030, OTDA4032

Notes

External constant current driver for installation in luminaire (e.g. for DC LED tubes), dimmable via DALI interface, for 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 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).

Besonderheiten

Allgemeine Hinweise

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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