

DALI-Driver for DC-LED lamps or modules

DRIVER DALI 30W/550-750mA IP20

Radium

Product Datasheet Date: 04.07.2022



General Data

Article No.	OTDA4031
Code	DRIVER DC DALI 30W/550-750mA IP20
Product EAN	4003556010833
Customs tariff no.	85044082
Box quantity (pcs.)	56
EAN Box	4003556410831
Gross weight of box in kg	10.18
Length of box in m	0.375
Width of box in m	0.275
Height of box in m	0.28
ETIM class	EC002710
ETIM class name	LED driver
Weight	180 g
Product status	● Active

Electric Parameters

Rated value output power max.	31,5 W
Power factor	≥0,9

Electric Parameters

Input voltage (range)	200-264 V
Output voltage	18-44 V
Surge voltage resistance (L - N)	2 kV
Output current	550-750 mA
Supply frequency	50/60 Hz
Suitable for DC-voltage (primary side)	Yes
Content of harmonics (THD)	15 %
dimnable	Yes
Dimming with push-button	Yes
Dimming interface	DALI
DALI Device Type	DALI2 DT6

Light Application Parameters

Dimming range	0 - 100 %
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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
Guarantee up to	5 years

Specification

Mean efficiency	87 %
Length	245 mm
Length	245 mm
Height	21 mm
Width	30 mm
Material	metal
Weight	180 g

Notes on Operation

Degree of protection (IP)	IP20
Type of connection	spring clamp

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Notes on Operation

Range of storage temperature	-30...+80 °C
Ambient temperatures	-30...+50 °C
Tc Temperature max.	67 °C
max. relative air humidity	90 %

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 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



All technical data without guarantee.