PRODUCT DATASHEET
LVA DIM 1-10 V 12/24 V

LED DIM CONTROLLER | Constant Voltage – Dimmers

Areas of application

– Suitable for indoor installations
– Suitable for LED strip application

Product benefits

– Supports three dimming functions: 1…10 V/PWM/resistor
– Wide output current range 0…15 A for different application
– Long lifetime

Product features

– Dimming range: 1…100 % (PWM)
– Maximum output current: 15 A
– Lifetime: up to 50,000 h (at max. tc temperature)
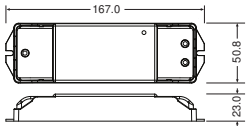– Matches with flexible LED strips with 12 V and 24 V constant voltage

TECHNICAL DATA

Electrical data

Nominal wattage	360.00 W
Nominal output power	180/360 W [1]
Nominal voltage	12…24 V
Nominal output voltage	12…24 V
Nominal output current	0…15000 mA
Mains frequency	50…60 Hz
Operating frequency	0 kHz

[1] Max. 180 W at 12 V input / Max. 360 W at 24 V input

Dimensions & Weight

Length	167.00 mm
Width	51.00 mm
Height	23.00 mm
Product weight	130.00 g

Colors & materials

Casing material	Plastic
Body material	Plastic

Temperatures & operating conditions

Ambient temperature range	-30…+55 °C
Maximum temperature at tc test point	85 °C
Max.housing temperature in case of fault	110 °C

Capabilities

Dimmable	Yes
Dimming interface	1…10 V / PWM / Resistor
Dimming range	1…100 %
Overload protection	Yes
Short-circuit protection	Yes

Certificates & Standards

Protection class	I
Type of protection	IP20

LOGISTICAL DATA

Temperature range at storage	-40…+85 °C

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075216532	Folding box 1	56 mm x 28 mm x 175 mm	138.00 g	0.27 dm³
4058075216549	Shipping box 50	372 mm x 305 mm x 181 mm	7384.00 g	20.54 dm³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.