

## CV Dimmers with DMX



### Areas of application

- Suitable for indoor installations
- Shops and hospitality: retail, hotels, restaurants, museums, residential buildings

### Product benefits

- 3- and 4-channel DMX dimmer for RGB and RGBW LED module
- Independent housing for ceiling installation
- High PWM frequency to optimize video recording

### Product features

- Intelligent DMX dimmer with multi-channel topology and single control
- Automatic or manual addressing
- Device fits also for special applications where dimming below 1 % is required

## Product family datasheet

### Technical data

#### Electrical data

Product description	Nominal voltage	Mains frequency	ECG efficiency	Power loss in stand-by mode	Nominal output voltage	U-OUT (working voltage)
OT DMX RGB DIM	10...24 V	0 Hz	97 % <sup>1)</sup>	<0.5 W	10.5...24 V	24 V

Product description	Nominal output power
OT DMX RGB DIM	144 W

<sup>1)</sup> At full load

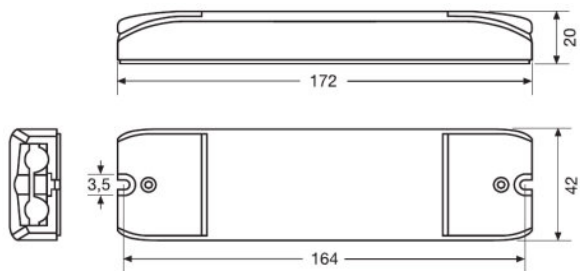
#### Dimensions & weight

Product description	Length	Width	Height	Mounting hole spacing, length	Mounting length	Product weight
OT DMX RGB DIM	172.0 mm	42.0 mm	20.0 mm	164.0 mm	164.0 mm	78.00 g

Product description	Cable cross-section, input side	Cable cross-section, output side	Wire preparation length, input side	Wire preparation length, output side
OT DMX RGB DIM	0.75...1.5 mm <sup>2</sup>	0.75...1.5 mm <sup>2</sup>	10 mm	10 mm

## Product family datasheet

### Product line drawing



OT DMX RGB DIM

### Colors & materials

Product description	Casing material
OT DMX RGB DIM	Plastic

### Temperatures & operating conditions

Product description	Ambient temperature range	Maximum temperature at tc test point	Permitted rel. humidity during operation
OT DMX RGB DIM	-20...+50 °C	70 °C	5...85 % <sup>1)</sup>

<sup>1)</sup> Maximum 56 days/year at 85 %

### Lifespan

Product description	ECG lifetime
OT DMX RGB DIM	50000 h

## Product family datasheet

### Additional product data

Product description	Encapsulated
OT DMX RGB DIM	No

### Capabilities

Product description	Dimmable	Dimming interface	Dimming range	Dimming method
OT DMX RGB DIM	Yes	DMX	0...100 %	Amplitude Modulation / Pulse Width Modulation

Product description	Overheating protection	Overload protection	Short-circuit protection	No-load proof
OT DMX RGB DIM	Yes <sup>1)</sup>	No <sup>1)</sup>	Automatic reversible <sup>1)</sup>	Yes

Product description	Suitable for fixtures with prot. class	Type of connection, output side	Number of channels
OT DMX RGB DIM	III	Screw terminal	3

<sup>1)</sup> In combination with OPTOTRONIC power supply

### Certificates & standards

Product description	Approval marks – approval
OT DMX RGB DIM	CE / UR

Product description	Standards	Type of protection
OT DMX RGB DIM	Acc. to EN 55015/Acc. to EN 61547/Acc. to EN 61347	IP20

### Logistical data

Product description	Temperature range at storage
OT DMX RGB DIM	-40...85 °C

### Application advice

For more detailed application information and graphics please see product datasheet.

### Sales and Technical Support





Sales and Technical Support [www.osram.com](http://www.osram.com)

## Product family datasheet

### Country specific information

Product description	Product code	METEL code	SEG-No.	STK number	UK Org
OT DMX RGB DIM	4008321160829	OSROTRGBDMXDIM	-	4031174	-

### Download Data

File
 Addon Technical Information 313214_ADDON TECHNICAL INFORMATION OPTOTRONIC OT DMX RGB1024 DIM VS20 OSRAM (GB)
 Product Datasheet 340447_OPTOTRONIC OT DMX RGB DIM
 Declarations of conformity 334844_Declaration of conformity &#150; OT Dimmer &#150; OT Sequencer
 On-Pack-Info 338485_OT DMX RGB DIM (GB)

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321160829	OT DMX RGB DIM	Shipping carton box 20	351 mm x 76 mm x 222 mm	5.92 dm <sup>3</sup>	1840.00 g

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.