

## OT WI DIM 5CH CA *(NEW)*

CV dimmers with Bluetooth



### Product family features

- Wireless 5-channel dimmer, with output voltage of 12, 24 and 48 V
- Control of LED modules up to 12 A
- Wireless module based on Bluetooth Low Energy

### Product family benefits

- Control of white, Tunable White, RGB, RGBW and RGBTW LED modules
- Independent housing for ceiling installation
- Support of systems based on CASAMBI lighting control solutions
- Minimal installation effort
- Dry contacts for optional connection to any commercial pushbutton

## Areas of application

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

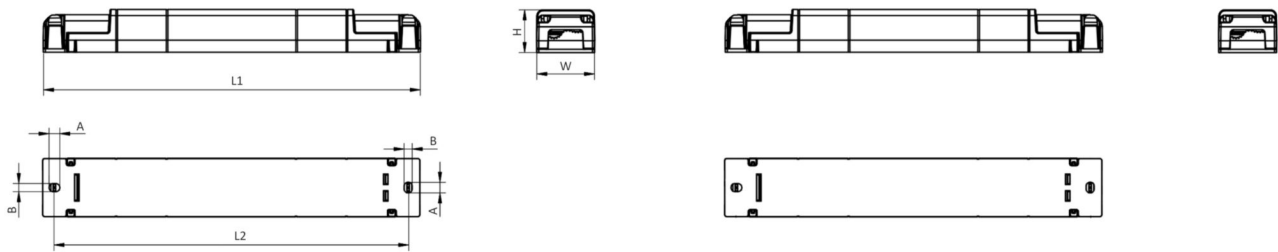
## Technical data

### Electrical data

<b>Nominal input voltage</b>	12...48 V
<b>Mains frequency</b>	0 Hz
<b>Input voltage DC</b>	12...48 V
<b>Nominal output voltage</b>	12...48 V
<b>U-OUT (working voltage)</b>	48 V
<b>Nominal output power</b>	576 W <sup>1)</sup>
<b>Galvanic isolation</b>	Non isolated
<b>Networked standby power</b>	<0.50 W

1) 144 W @ 12 V  
288 W @ 24 V  
576 W @ 48 V

## Dimensions & weight



<b>Length</b>	186.0 mm
<b>Height</b>	22.0 mm
<b>Mounting hole spacing, length</b>	175 mm
<b>Cable cross-section, input side</b>	0.2...1.5 mm <sup>2</sup>
<b>Cable cross-section, output side</b>	0.2...1.5 mm <sup>2</sup>
<b>Wire preparation length, input side</b>	9.0...10.0 mm
<b>Wire preparation length, output side</b>	9.0...10.0 mm
<b>Product weight</b>	71.00 g

## Colors & materials

<b>Casing material</b>	Plastic
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## Temperatures & operating conditions

<b>Ambient temperature range</b>	-10...+60 °C
<b>Maximum temperature at tc test point</b>	75 °C <sup>1)</sup>
<b>Max.housing temperature in case of fault</b>	115 °C
<b>Temperature range at storage</b>	-40...60 °C
<b>Permitted rel. humidity during operation</b>	5...85 % <sup>2)</sup>

1) Measured on tc point indicated of the product label.

2) Non-condensing

## Capabilities

<b>Dimmable</b>	Yes
<b>Dimming range</b>	0.8... 100 %
<b>Dimming method</b>	Pulse Width Modulation
<b>Suitable for fixtures with prot. class</b>	I / II
<b>Type of connection, output side</b>	Push terminal
<b>Number of channels</b>	5
<b>Overheating protection</b>	Yes <sup>1)</sup>
<b>Overload protection</b>	Yes <sup>1)</sup>
<b>Short-circuit protection</b>	Yes
<b>Intended for no-load operation</b>	No

1) In combination with OPTOTRONIC power supply

## Certificates & standards

Approval marks – approval	CE / UKCA
Standards	Acc. to EN 55015 / Acc. to EN 61547 / Acc. to EN 61347-1 / Acc. to EN 61347-2-13
Type of protection	IP20

## Logistical data

Commodity code	85044095900
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## Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	15-09-2024
Primary Article Identifier	4062172382274
Declaration No. in SCIP database	In work
SCIP_STATUS	In work
SCIP_ID	

## Ecodesign regulation information:

Intended for use with LED modules.

The forward voltage of the LED light source shall be within the defined operating window of the control gear in all operating conditions including dimming if applicable.

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

## Download Data

File		
Product Datasheet	PDF	▶ OT Wi DIM 5CH CA TDS 080724
User instruction	PDF	▶ OPTOTRONIC LED Power Supply OT Wi DIM 12 48 5CH CA



## Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172382274	OT WI DIM 5CH CA	Shipping carton box 20 Pieces	351 x 222 x 68 mm	5.30 dm <sup>3</sup>	92.05 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.