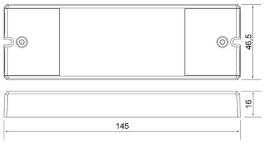
Transformer



LED controller for 12V/24V LED strips. Suitable for use with standard colour temperature, Tunable White, RGB and RGB Tunable White LED strips. A separate 12 V or 24 V direct current power source is required. Depending on the LED strip, the controller can be used for dimming, adjusting RGB colours or adjusting the colour temperature in a stepless manner. These functions can be used together or separately. The controller can be used independently with a remote control (4016038) or connected to the wireless Cozify smart home system.



Stocked: Yes

PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4016037	4016037	0.6	

EC002710 LED driver

Structure	
Model	Dynamic
Housing	Plastic housing
Emergency power supply system	None

Dimming and control	
Dimmable	Yes
Dimming 0-10 V	No
Dimming 1-10 V	No
Dimming D4i	No
Dimming DALI	No
Dimming DALI-2	No
Dimming DMX	No
Dimming DSI	No
Dimming LineSwitch	No
Dimming mains voltage modulation	No
Dimming manufacturer's proprietary system	No
Dimming trailing edge	No
Dimming leading edge	No
Dimming potentiometer (integrated)	No
Dimming programmable	No
Dimming RF	No
Dimming Sine Wave Reduction	No
Dimming Touch and Dim	No
Dimming with push-button	No
Dimming Zigbee	Yes
No dimming function	No
Constant luminous flux control	No
Bluetooth operated	Yes
Compatible with Apple HomeKit	No
Compatible with Google Assistant	No
Compatible with Amazon Alexa	No
Compatible with Casambi	No
IFTTT support available	No

Mounting	
Suitable for outdoor use	No
Degree of protection (IP)	IP20

Electrotechnical data	
Suitable for constant current	No
Suitable for constant voltage	Yes
Output voltage (min) (V)	12 V
Output voltage (max) (V)	24 V
Output current (min) (mA)	4000 mA
Output current (max) (mA)	4000 mA
Suitable for DC-voltage (primary side)	Yes
Output power (min) (W)	48 W
Output power (max) (W)	96 W
Input voltage (min) (V)	12 V
Input voltage (max) (V)	24 V
Protection class according to IEC 61140	II

Lifetime and capacity	
Ambient temperature (min) (°C)	0 °C
Ambient temperature (max) (°C)	25 °C
Driver lifetime (h)	50000 Hz

Measurements	
Length (mm)	145 mm
Width (mm)	46 mm
Height (mm)	16 mm