Coloris 24V

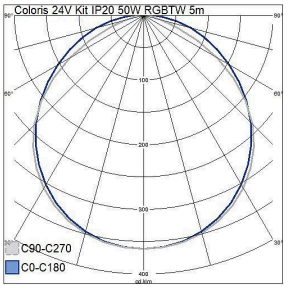
Coloris 24V Kit IP20 50W RGBTW 5m

LED light rail/LED strip

With the Coloris LED strip you can create different kinds of atmospheres depending on the space and the situation. The white colour temperature is continuously adjustable and gives lots of possibilities to the general lighting. With RGB you can choose from millions of colours to use in creating intriguing details and atmospheres. You can light up spaces without a glare indirectly by reflecting the light into a space via surfaces. The strip can be installed to a window post as well as on the back of furnitures, frames and mirrors. A LED strip installed on a railing or on the surface beneath the stairs brings more safety to a staircase. The IP65 strip is suitable for humid spaces indoors or as installed without a profile on furniture surfaces. The colour rendering and the luminous flux of the Coloris LED-strip is outstanding, CRI90, 1400 lm/m. The series also includes a ready to be used package of the IP20 model, which contains the LED strip as well as all the needed components.



Coloris 24V 50W 10W/m RGBW 2200K IP20; Protection cl. III; L70B50 50000h; LED not exchangeable; CRI>90; Suitable for through wiring; 3x1.5mm²



Stocked: Yes

Coloris 24V Kit IP20 50W RGBTW 5m			
PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4146611	4146611	0.71	Coloris 24V

Coloris 24V Kit IP20 50W RGBTW 5m

EC002706 LED strip

Structure	
Model	Tape
Lamp type	LED not exchangeable
Number of LEDs per metre	180
Number of nodes per foot	55
Type of power supply	Mains power supply
Exchangeable control gear	Yes
Energy efficiency class of light source according to EU regulation 2019/2015	G
Length of particular segments (mm)	100 mm
With end piece	No
With connection set	Yes
With protective cover	No
Self-adhesive	Yes

Mounting	
Mounting method	Surface mounted
Degree of protection (IP)	IP20
Lowest bending radius (mm)	30 mm
Type of wiring	Suitable for through wiring
Number of poles	3
Conductor cross section (mm²)	1.5 mm²
Connectable conductor cross section (min) (mm²)	1.5 mm²
Connectable conductor cross section (max) (mm²)	2.5 mm²
Connection type	Screwless terminal

Electrotechnical data	
Lamp power per meter (W)	10 W
Lamp power per foot (W)	3.05 W
Luminaire efficacy (lm/W)	140 lm/W
Voltage type	DC
Lamp voltage (min) (V)	24 V
Lamp voltage (max) (V)	24 V
Type of control gear	LED operating device voltage-controlled
Protection class according to IEC 61140	III
Maximum system power (W)	50 W
Power factor	0.9

Photometric data	
Luminous flux per meter (lm)	1400 lm
Radiation angle (°)	120 °
Colour of light (alphanumeric)	RGBW
Colour temperature (min) (K)	2200 K
Colour temperature (max) (K)	6500 K
Colour rendering index (CRI/Ra)	90-100
Colour temperature switchable	Continuously variable
Lumen setting adjustable	Continuously variable
Beam angle adjustable	No

ETIM	
Suitable for dimmer	Yes

Lifetime and capacity	
Rated life time L70/B50 at 25 °C (h)	50000 h
Lumen maintenance at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)	70 %
Failure rate at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)	5 %

AIRAM

Dimming and control	
Constant luminous flux control	No
Compatible with Apple HomeKit	No
Compatible with Google Assistant	No
Compatible with Amazon Alexa	No
IFTTT support available	No

Measurements	
Width (mm)	12 mm
Height/depth (mm)	2 mm
Length (mm)	5000 mm
Total length (m)	5 m