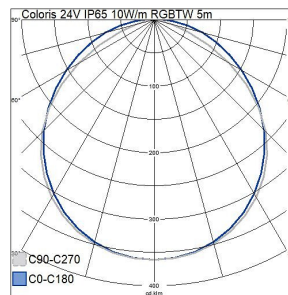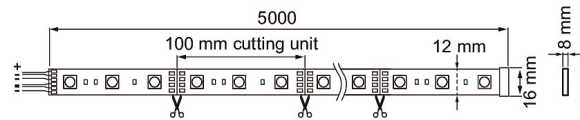# Coloris 24V
IP65 10W/m RGBTW 5m

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 IP65; Protection cl. III; L70B50 50000h; LED not exchangeable; CRI>90; Ending; 6x0.3mm²

IP65 10W/m RGBTW 5m

PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4146522	A2LSAB	0.614	Coloris 24V

AIRAM

IP65 10W/m RGBTW 5m
EC002706

Mounting

Degree of protection (IP)	IP65
Mounting method	Surface mounting
Connection type	Solder
Number of poles	6
Conductor cross section (mm²)	0.3
Type of wiring	Ending

Structure

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

Dimming and control

Constant luminous flux control	No
IFTTT support available	No
Compatible with Apple HomeKit	No
Compatible with Google Assistant	No
Compatible with Amazon Alexa	No
Wireless lighting control	Casambi

Photometric data

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

Lifetime and capacity

Rated life time L70/B50 at 25 °C (h)	50000
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

Measurements

Length (mm)	5000
Height/depth (mm)	8
Width (mm)	16

Electrotechnical data

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

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