

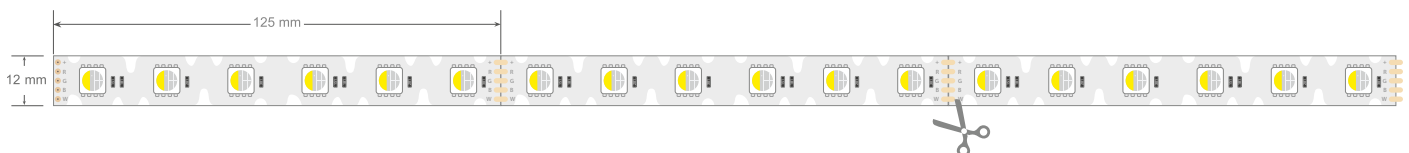
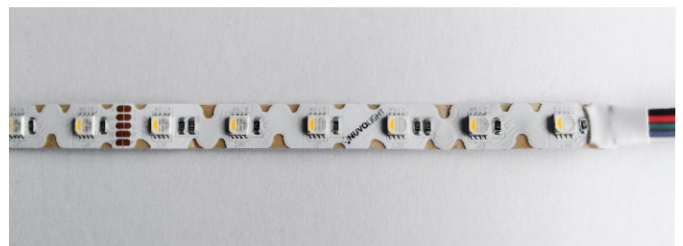
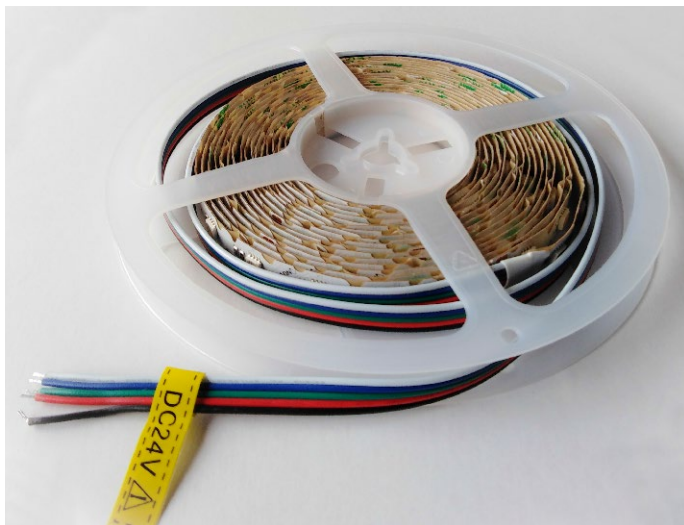
NuvoStrip 48 RGBW

48 RGBW LEDs/m

Item number 130001

Powerful LED strip with colored warm white LEDs. The low design and the individually adjustable lengths enable a wide range of possible uses. The meander-shaped design also allows it to be attached in curves with a little bit of sensitivity.

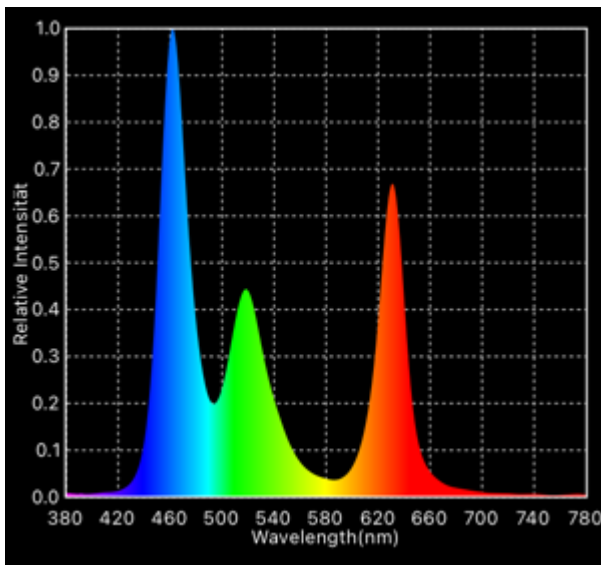
The standard length is 5.0 m per roll. The LED strip can be separated every 12.5cm.



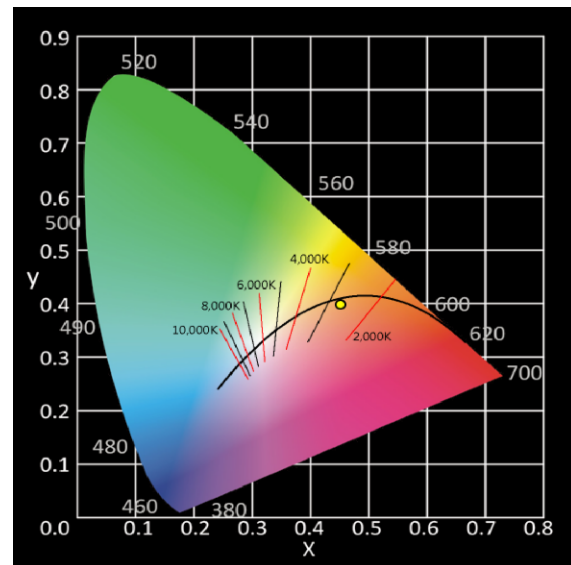
Technical data

Dimensions (width x height)	12 x 2 mm
Supply voltage	24 VDC
Power consumption	maximum 15 W/m
Attachment	self-adhesive, attached to aluminum profile for waste heat
Operating temperatur	-40° C ... +60° C
Humidity	0% ... 85% rh not condensing
LED type	SMD 5050 4-in-1 RGBW
LED colors	red, green, blue, warm white (2700 K)
Light intensity	red: 600-800 mcd; green: 1400-1600 mcd; blue: 300-500 mcd; warm white: 18-20 lm
Wavelengths	red: 630 nm; green: 520 nm; blue: 465 nm
Beam angle	140 degree
Pixel pitch (pixel width)	125 mm
Resolution	6 LEDs/pixel
Connection	5-core connection cable with 0.5 mm ² strands each; Keep connection cables as short as possible during installation Ensure renewed voltage supply after 5.0 m
Protection class	IP20

Color range

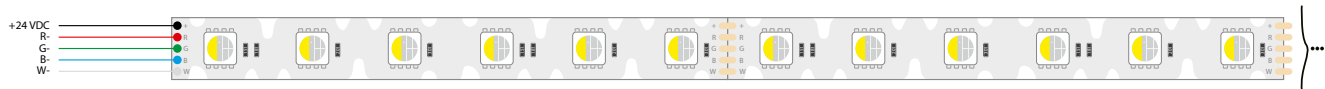


wavelengths RGB



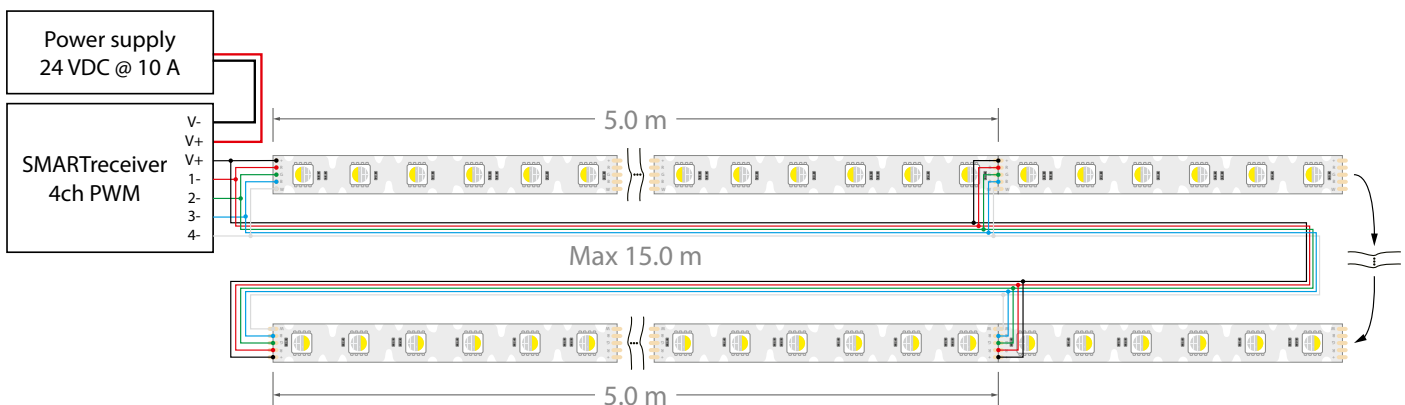
CIE1931 warm white

Connection



Connector color	Pin designation	Function
black	+	+24 VDC (power supply positive pole)
red	R	color red (negative pole)
green	G	color green (negative pole)
blue	B	color blue (negative pole)
white	W	color white (negative pole)

Connection example



Notes:

1. Voltage must be supplied after 5.0 m at the latest for smooth operation and uniform brightness over the entire length
2. Maximum total length of 15.0 m with 10 A power supply and sufficient cross section of the supply cable
3. The strips must be attached to a suitable aluminium profile for secure mounting and adequate heat dissipation