

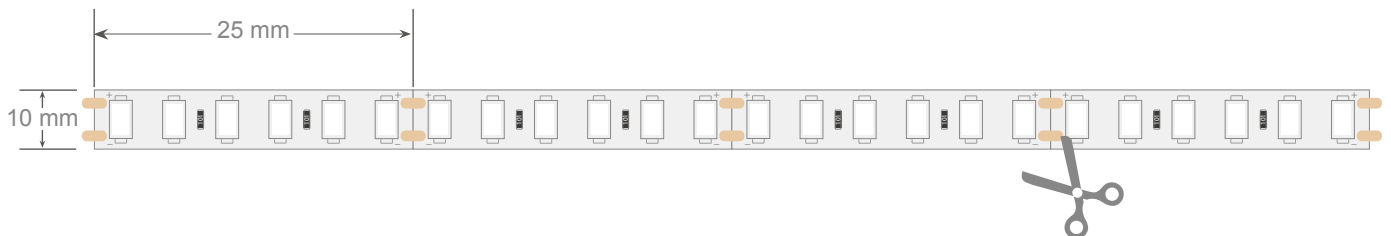
Date: 01/11/2024

NuvoStrip ONE 240 „Dolby blue“

240 478 nm LEDs/m

Item number 130101-452

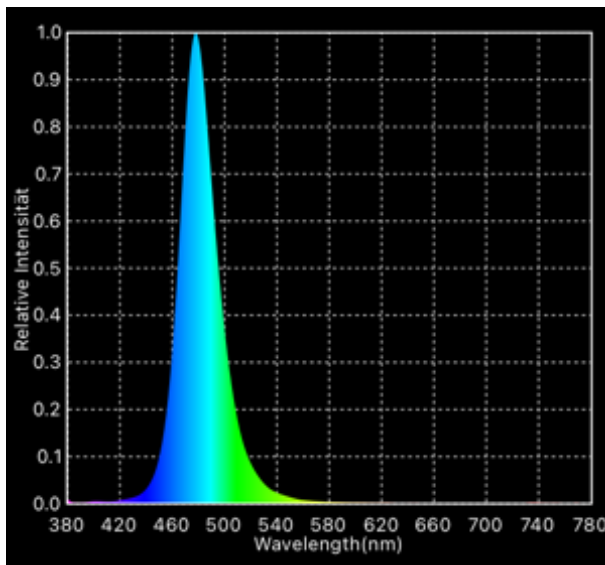
Powerful LED strip with blue 478 nm LEDs. The flat design and the individually adjustable lengths enable a wide range of possible use cases. The standard length is 5.0 m per roll and the LED strip can be cut every 2.5 cm.



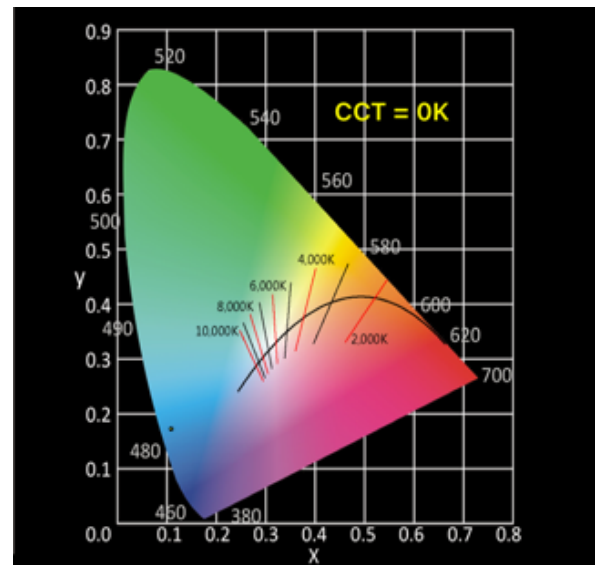
Technical data

Dimensions (width x height)	10 x 2 mm
Supply voltage	24 VDC
Power consumption	maximum 19 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 2835
Wave length	478 nm (blue)
Light intensity	4000 lm
Color rendering index CRI (RA)	> 90
Beam angle	140 degree
Pixel pitch (pixel width)	25 mm
Resolution	6 LEDs/pixel
Connection	2-core connection cable with 0.5 mm² strands each; Keep connection cables as short as possible during installation Ensure renewed voltage supply after 5.0 m
Protection class	IP20

Color range

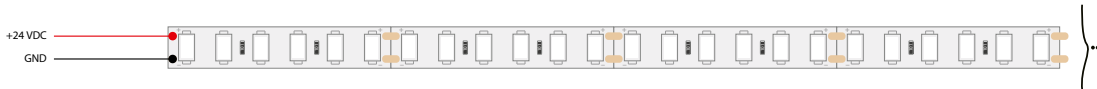


Wavelength 478 nm



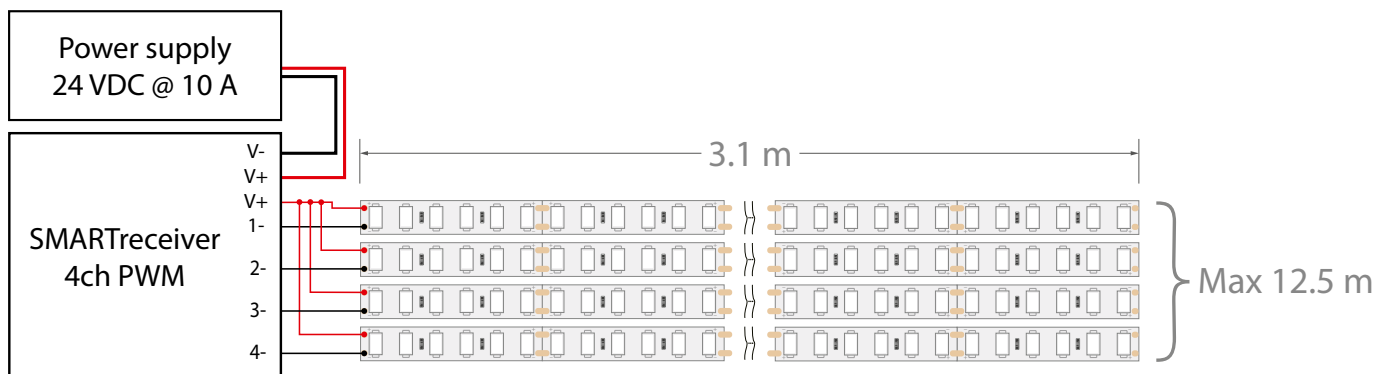
CIE1931: $x = 0,1090$ | $y = 0,1730$

Connection



Connector color	Pin designation	Function
red	+	24 VDC (power supply positive pole)
black	-	GND (power supply 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 12.5 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