

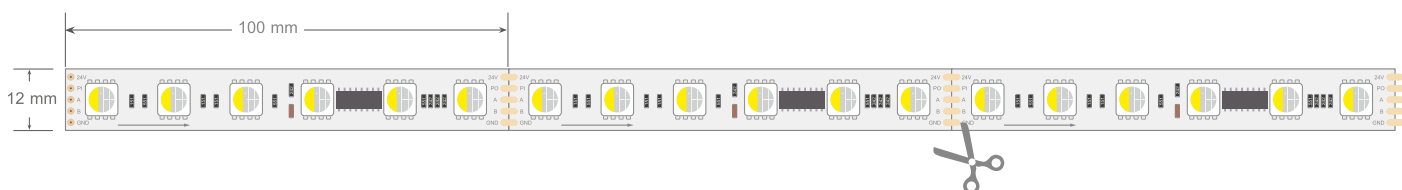
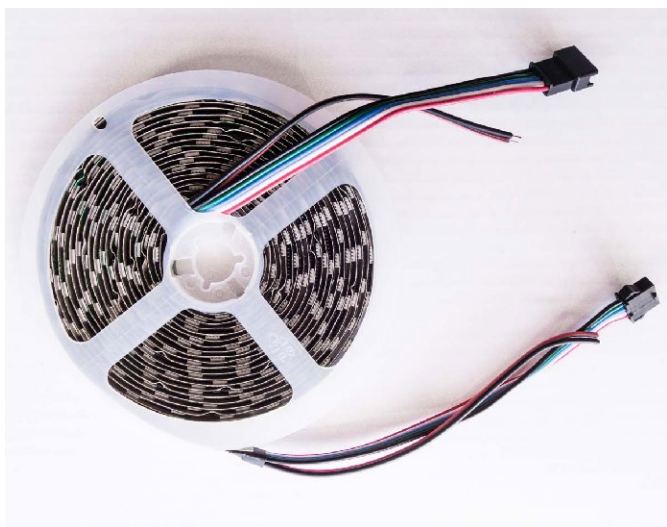
Date: 01/11/2024

NuvoStrip Digital DMX 60 RGBW

60 RGBW LEDs/m

Item number 130011

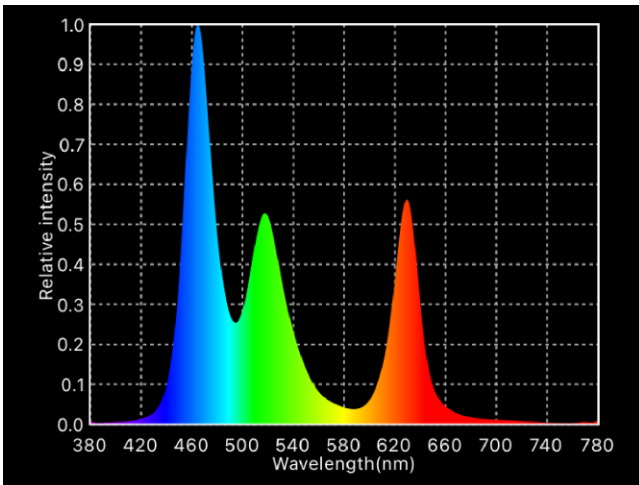
Powerful LED strip with colored and warm white LEDs that can be controlled individually in groups of 6 via DMX bus. The standard length is 5.0 m per roll, with connectors soldered at the beginning and end of each roll. The LED strip can be separated every 10.0 cm.



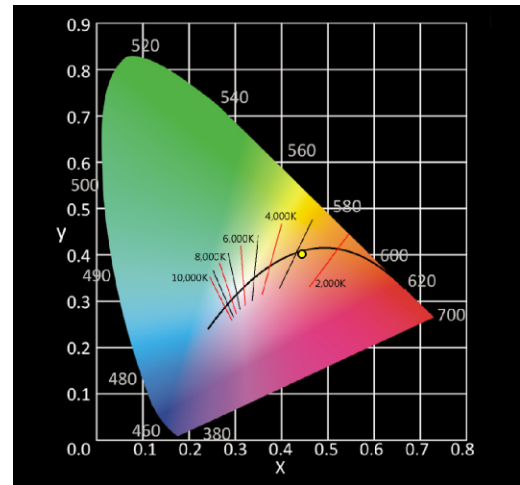
Technical data

Dimensions (width x height)	12 x 2 mm
Supply voltage	24 VDC
Power consumption	maximum 18 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)	100 mm
Resolution	6 LEDs/pixel
Connection	5-core connection cable with plug, 0.5 mm ² strand each; Positive and negative poles are also designed separately 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

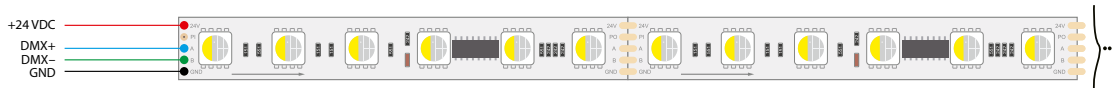
DMX channel assignment and addressing

Each roll is factory pre-programmed with star address 1. The strips are addressed via an external addressing device such as the Nuvolight SMARTsplitter 4ch merge & split (article 112031-DR).

DMX address	Segment	Color
1	segment 1	red
2	segment 1	green
3	segment 1	blue
4	segment 1	white
5	segment 2	red
6	segment 2	green
7	segment 2	blue
8	segment 2	white
9	segment 3	red
10	segment 3	green
...

DMX address	Segment	Color
...
503	segment 126	blue
504	segment 126	white
505	segment 127	red
506	segment 127	green
507	segment 127	blue
508	segment 127	white
509	segment 128	red
510	segment 128	green
511	segment 128	blue
512	segment 128	white

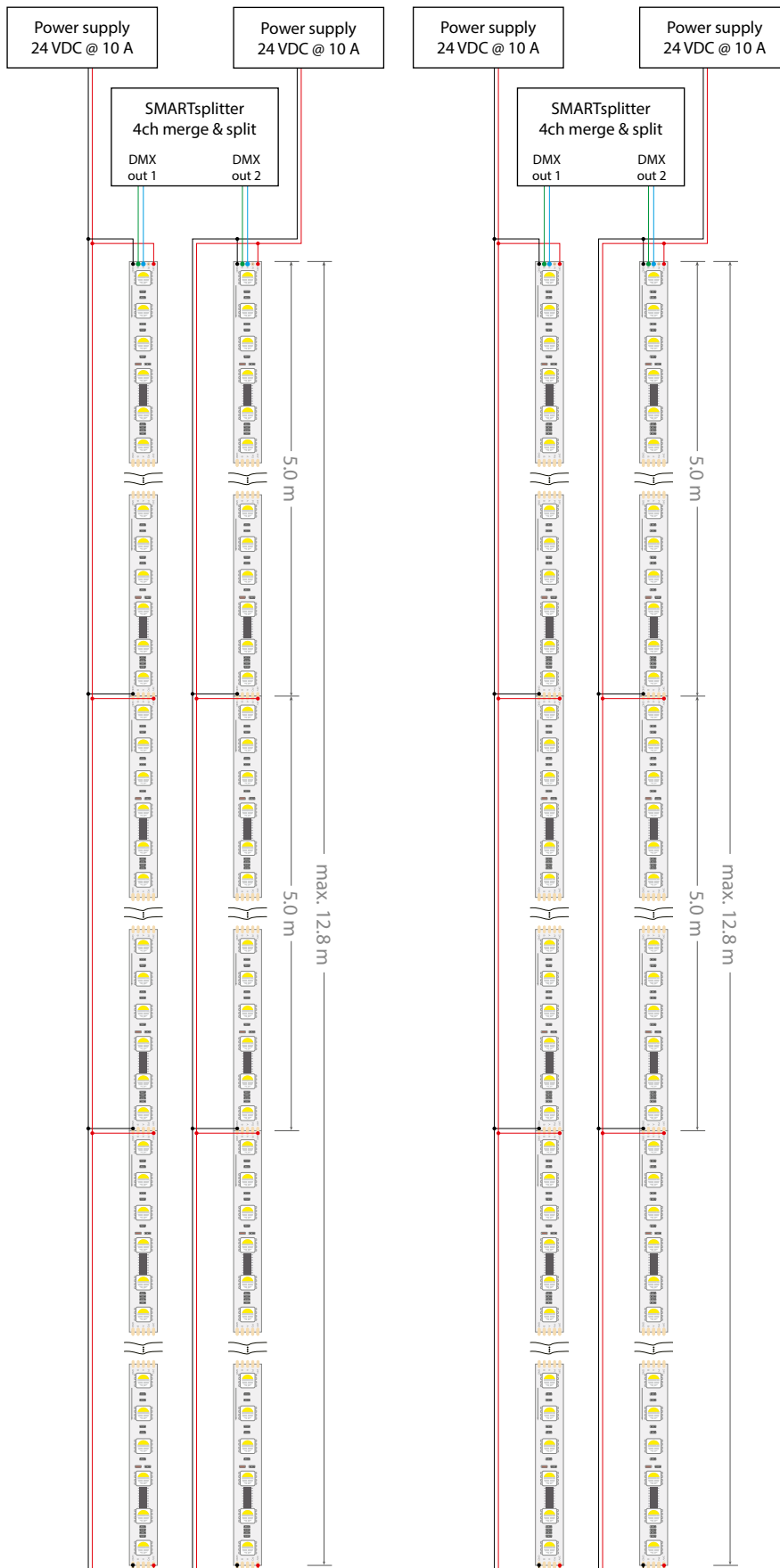
Connection



Important:
Pay attention to the direction arrow!

Connector color	Pin designation	Function
red	24V	+24 VDC (Power supply positive pole)
black	GND	GND (Power supply negative pole)
blue	A	DMX+
green	B	DMX-
white	Pi	For internal address programming; Do not connect, only continue when there is a segment transition

Connection example



Notes:

1. Voltage must be supplied after 5.0 m at the latest to ensure smooth operation and uniform brightness over the entire length.
2. A maximum of 128 pixels (= 12.80 m strips) can be controlled per DMX universe
3. The strips must be attached to a suitable aluminum profile to ensure secure mounting and adequate heat dissipation