

# RGBW-48-19/02 flexible LED strips

Data sheet

v. RGBW-48-19/02-01/01-03



## APPLICATIONS

- General LED lighting
- Cove LED lighting
- Linear LED lighting
- Backlighting
- Signage and advertising lighting
- Furniture lighting and more

## PRODUCT FEATURES

- High quality OSRAM LED chips
- 3 Step MacAdam white LEDs
- Stabilized current design
- Thick copper PCB
- 48 RGB + 48 white LEDs per meter
- High CRI80+ or CRI90+ for white LEDs
- Dimmable
- 11mm width
- 24V DC voltage input
- Reverse voltage protection
- Thermal conductive adhesive tape on back side for better heat transmission
- 120° beam angle
- Can be cut at each 125 mm
- 24V DC voltage input
- 5-year warranty

## TECHNICAL DETAILS

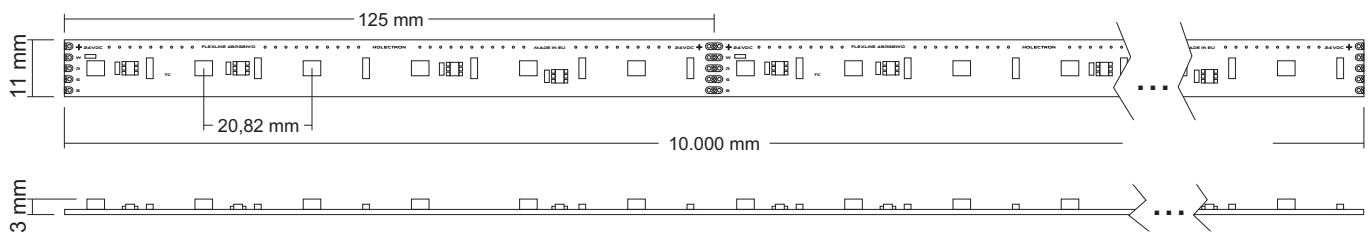
Product no.	Color	Nominal voltage	LED quantity	Rated wattage	Color rendering index (CRI)	RGB Luminous Intensity	White luminous flux
RGBW-48-19/L2-822	2200K	24V DC	48+48 LED/m	19.2 W/m	Ra80+	91Lm RED 315Lm GREEN 67Lm BLUE	426 Lm/m
RGBW-48-19/L2-825	2500K	24V DC	48+48 LED/m	19.2 W/m	Ra80+		474 Lm/m
RGBW-48-19/02-827	2700K	24V DC	48+48 LED/m	19.2 W/m	Ra80+		449 Lm/m
RGBW-48-19/L2-927	2700K	24V DC	48+48 LED/m	19.2 W/m	Ra90+		383 Lm/m
RGBW-48-19/02-830	3000K	24V DC	48+48 LED/m	19.2 W/m	Ra80+		483 Lm/m
RGBW-48-19/L2-930	3000K	24V DC	48+48 LED/m	19.2 W/m	Ra90+		390 Lm/m
RGBW-48-19/02-840	4000K	24V DC	48+48 LED/m	19.2 W/m	Ra80+		493 Lm/m
RGBW-48-19/L2-940	4000K	24V DC	48+48 LED/m	19.2 W/m	Ra90+		420 Lm/m
RGBW-48-19/02-850	5000K	24V DC	48+48 LED/m	19.2 W/m	Ra80+		522 Lm/m
RGBW-48-19/L2-950	5000K	24V DC	48+48 LED/m	19.2 W/m	Ra90+		446 Lm/m
RGBW-48-19/02-865	6500K	24V DC	48+48 LED/m	19.2 W/m	Ra80+		522 Lm/m
RGBW-48-19/02-965	6500K	24V DC	48+48 LED/m	19.2 W/m	Ra90+		422 Lm/m

**Note:** RGBW-48-19/02 LED strips are available in any other color temperatures upon request.

## TECHNICAL DETAILS

Dominant wavelength:	625 nm (red) 528 nm (green) 470 nm (blue)
Maximum length in series:	6.5 m
Voltage range:	21~25V DC
Reverse voltage protection:	Yes
Operating temperature:	-35 °C ~ 50 °C
Dimmable:	YES
Beam angle:	120°
Tc max:	<75 °C
Ingress protection:	IP00

## DIMENSIONS



Segment length:	12.5 cm
Distance between LEDs:	10.42mm between RGB and white LED 20.82mm between RGB LEDs 20.82mm between White LEDs
Width:	11 mm
Thickness:	3 mm
Length:	10 m/reel or 50 m/reel

### Disclaimer

Subject to change without notice.