



High CRI RGBW LED Strip Iris Series

Key Features

- Top-quality components,
- LEDs from OSRAM binned in 3 MacAdam steps,
- 3-chip LED 2835 RGB,
- LED strip efficiency up to 69 lm / W,
- high color rendering index CRI Ra80 +,
- thick FPC,
- 60 LED s/m 2835 RGB & 60LEDs /m white OSRAM DURIS 2835 (per meter),
- dimmable,
- 12 mm wide,
- supply voltage 24V,
- protection against polarity reversal,
- a thermally conductive adhesive, easy installation on surface,
- Ip20 & IP68 Ingress Protection Rating possible,
- cutting possibility every 100mm,
- packed on 5m rolls,
- Longer rolls can be specially ordered rolls,
- Designed and manufactured in Europe for W4S USA

* Parameters tolerance +/- 7%

Technical specifications

| | |
|------------------------|--------------------------------|
| LED package size | 2835 RGB + OSRAM DURIS 2835 |
| LED quantity | 60/m - RGB 2835 60/m - 2835 |
| Cutting section | 100 mm |
| Max. power consumption | 15.6W/m |
| Luminous efficacy | 69.4 lm/W |
| Binning | 3 SDCM |
| Beam angle | 120° |
| Nominal voltage | 24V DC |
| IP rating | IP20 IP68 |
| Colour rendering index | 80+ |
| Dimmable | Yes |

Light parameters

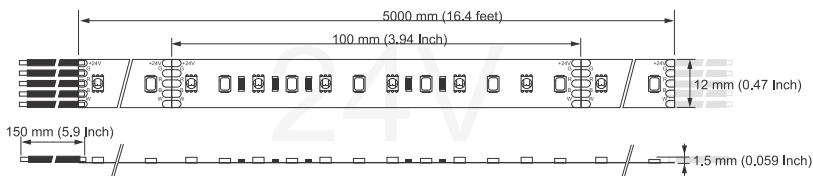
| Colour | IP20 | IP68 | Luminous flux |
|----------|--------------|--------|---------------|
| RGB | 460 - 630 nm | | 826 lm/m |
| warm | 3000 K | 3200 K | 1110 lm/m |
| daylight | 4000 K | 4100 K | 1083 lm/m |
| cold | 6000 K | 6200 K | 1060 lm/m |

* Parameters tolerance +/- 7%

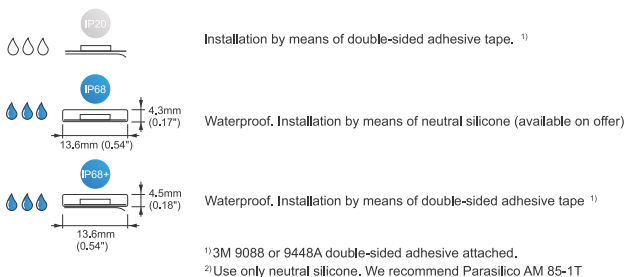
Product codes

| | Colour | Voltage | IP20 | IP68+ with adhesive tape |
|----------|--------|---------|----------------------|--------------------------|
| RGB + WW | 3000 K | 24V | LEDIRISRGBWW-16-IP20 | LEDIRISRGBWW-16-IP68 |
| RGB + NW | 4000 K | 24V | LEDIRISRGBNW-16-IP20 | LEDIRISRGBNW-16-IP68 |
| RGB + CW | 6000 K | 24V | LEDIRISRGBCW-16-IP20 | LEDIRISRGBCW-16-IP68 |

Dimensions



Ingress protection rating variants



* Parameters tolerance +/- 7%