

FlexLED II RGB-W

FlexLED II RGB-W, 5000 mm (196,85"), clear, 24V DC

Product no. 161090-11 | EAN 4260556628943



46,0 W

POWER CONSUMPTION W

4600 lm

LUMINOUS FLUX, WHITE CHANNEL

White channel ~100 lm/W

LUMINAIRE LUMINOUS EFFICACY

IP67

DEGREE OF PROTECTION

5000 mm (~196,85")

LENGTH [A]

FEATURES

- Light distribution: Direct, beam angle 120°
- Light lifetime: 50,000 h *
- Luminaire connection: M12, 5-pin, A-coded, 0,3 m lead (~11,81")
- Supply voltage: 24V DC (-10 % / +5 %)
- Dimmable: Optional via LED2WORK accessories (see control)
- Made in: CN



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TECHNICAL DATA

GENERAL

Model **FlexLED II RGB-W clear**

LIGHTING

Light source	SMD LED, 5050 RGBW
LED density	70 LEDs/m (~21 LEDs/ft)
Luminous flux, white channel	4600 lm
Power consumption R	12,0 W
Power consumption G	13,0 W
Power consumption B	12,3 W
Power consumption W	46,0 W
Luminaire luminous efficacy	White channel ~100 lm/W
Luminous flux R / G / B	432,0 lm / 1794 lm / 369 lm
Light distribution	Direct, beam angle 120°
Light colour (white channel)	5700 K, 5-step MacAdam
Colour rendering index (Ra, white channel)	>80
Light lifetime	50,000 h *
Dimmable	Optional via LED2WORK accessories (see control)

ELECTRICAL DATA

Supply voltage **24V DC (-10 % / +5 %)**

Control **24V DC, digital or LED2WORK RGB-W dimmer 210700-08 or 210700-09**

Luminaire connection **M12, 5-pin, A-coded, 0,3 m lead (~11,81")**

Protection class **III**

DIMENSIONS & HOUSING

Design / type	LED flex strip - signalling
Degree of protection	IP67
Material	Transparent VMQ/MVQ silicone sheath
Length [A]	5000 mm (~196,85")
Width	14 mm (~0,55")
Height	5,5 mm (~0,22") (strip); 9 mm (~0,35") (caps)
Cuttable	every 100 mm (~3,94") (7 LEDs)
Mounting	Self-adhesive (3M VHB tape); clips available separately as accessories
Net weight	540 g (~19 oz)
Gross weight	600 g (~21 oz)

TEMPERATURE DATA

Operating temperature **-20 °C - +50 °C (-4 °F - 122 °F)**

Storage temperature **-30 °C - +80 °C (-22 °F - 176 °F)**

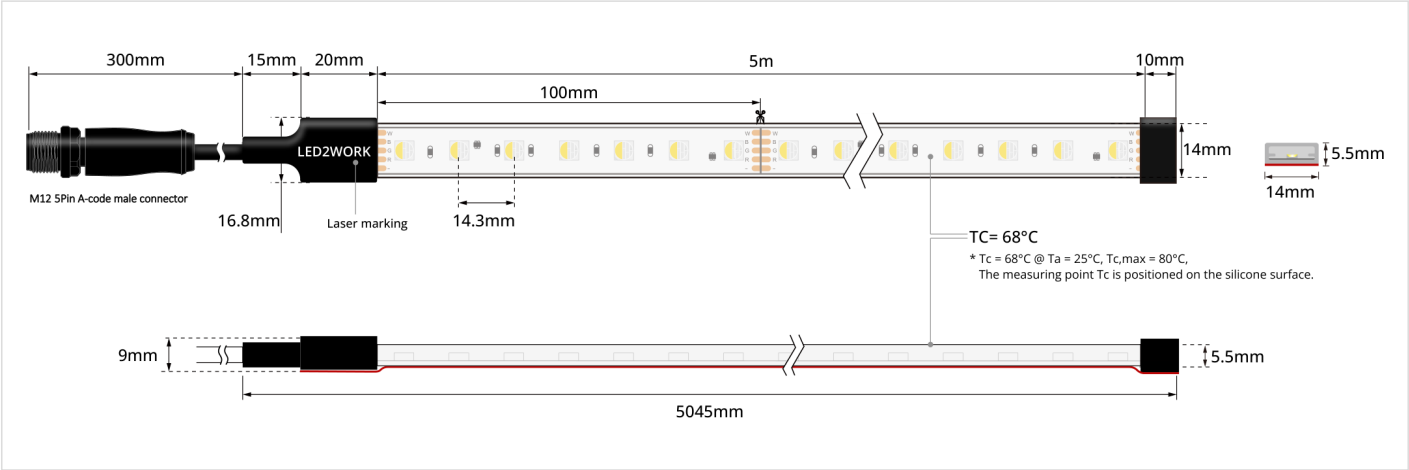
CONFORMITY & MARKINGS

Markings	RoHS, REACH, CE, UKCA
Warranty	24 months
Made in	CN

* Applies only at 24V DC nominal voltage and 25 °C (77 °F) ambient temperature. Higher supply voltages cause additional heating and may shorten the light lifetime.

Note: The entire strip is controlled uniformly (no segment or individual LED control). Material: transparent silicone sheath, classified as VMQ/MVQ (vinyl methyl silicone rubber, ASTM D1418/ISO 1629).

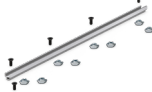
DIMENSIONS



APPLICATION & DETAILS



MATCHING ACCESSORIES

 CONTROL 24V DC RGB-W DIMMBOX, M12 Product no. 210700-08	 CONTROL 24V DC RGB-W DIMMBOX, terminal Product no. 210700-09	 MOUNTING FlexLED II mounting clip set (2 pcs) Product no. 210200-42
 MOUNTING FlexLED II mounting profile set Product no. 210200-43	 CUTTING & SEALING Silicone adhesive for end caps, 10 g Product no. 230300-01	