FlexLED II RGB-W

FlexLED II RGB-W, 1000 mm (39,37“), clear, 24V DC

Product no. 161090-05 | EAN 4260556628912

11,5 W
POWER CONSUMPTION W

1184 lm
LUMINOUS FLUX, WHITE CHANNEL

White channel ~103 lm/W
LUMINAIRE LUMINOUS EFFICACY

IP67
DEGREE OF PROTECTION

1000 mm (~39,37“)
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

View in shop

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	**1184 lm**
Power consumption R	**2,4 W**
Power consumption G	**2,6 W**
Power consumption B	**2,5 W**
Power consumption W	**11,5 W**
Luminaire luminous efficacy	**White channel ~103 lm/W**
Luminous flux R / G / B	**88,8 lm / 364 lm / 76 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]	**1000 mm (~39,37“)**
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	**140 g (~5 oz)**
Gross weight	**200 g (~7 oz)**

TEMPERATURE DATA

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

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

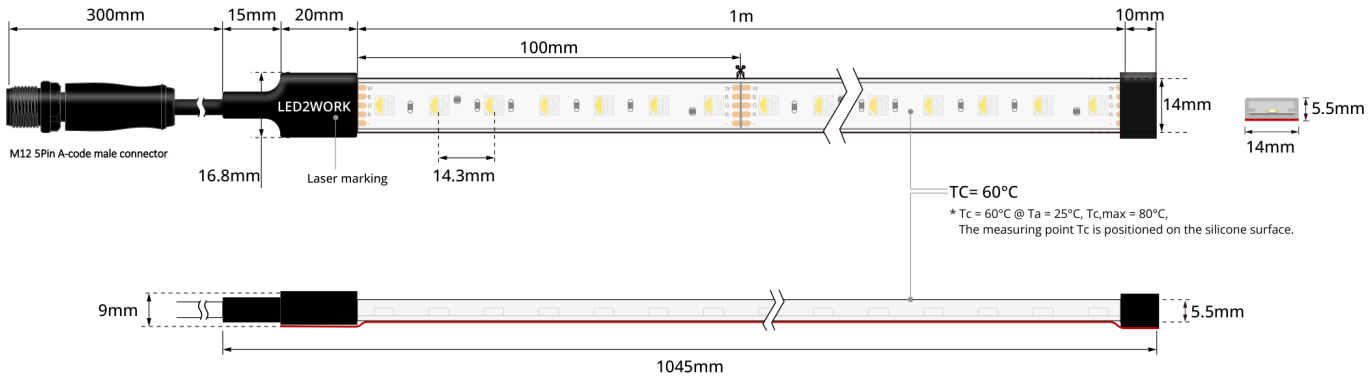
CONFORMITY & MARKINGS

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



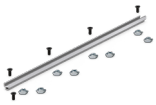
APPLICATION & DETAILS

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

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