

FlexLED II Pixel

FlexLED II Pixel, 1000 mm (39,37"), clear, 12V DC
Product no. 162090-05 | EAN 4260556628974



RGB

LIGHT COLOUR

~21,0 W

TOTAL POWER CONSUMPTION

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, 4-pin, A-coded, 0,3 m lead (~11,81")
- Supply voltage: 12V DC
- Made in: CN



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TECHNICAL DATA

GENERAL

Model **FlexLED II Pixel clear**

LIGHTING

Light source	SMD LED, 5050 RGB (IC WS2815B)
LED density	144 LEDs/m (~44 LEDs/ft)
Number of LEDs (pixels)	144 LEDs
Total power consumption	~21,0 W
Luminous flux R / G / B	103 lm / 337 lm / 101 lm
Light distribution	Direct, beam angle 120°
Light colour	RGB
Light lifetime	50,000 h *

ELECTRICAL DATA

Supply voltage	12V DC
Control	Each LED individually addressable, via LED2WORK IO-Link controller (upcoming) or customer-specific
Luminaire connection	M12, 4-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 6,9 mm (~0,27") (1 LED)
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)
Storage temperature	-30 °C - +80 °C (-22 °F - 176 °F)

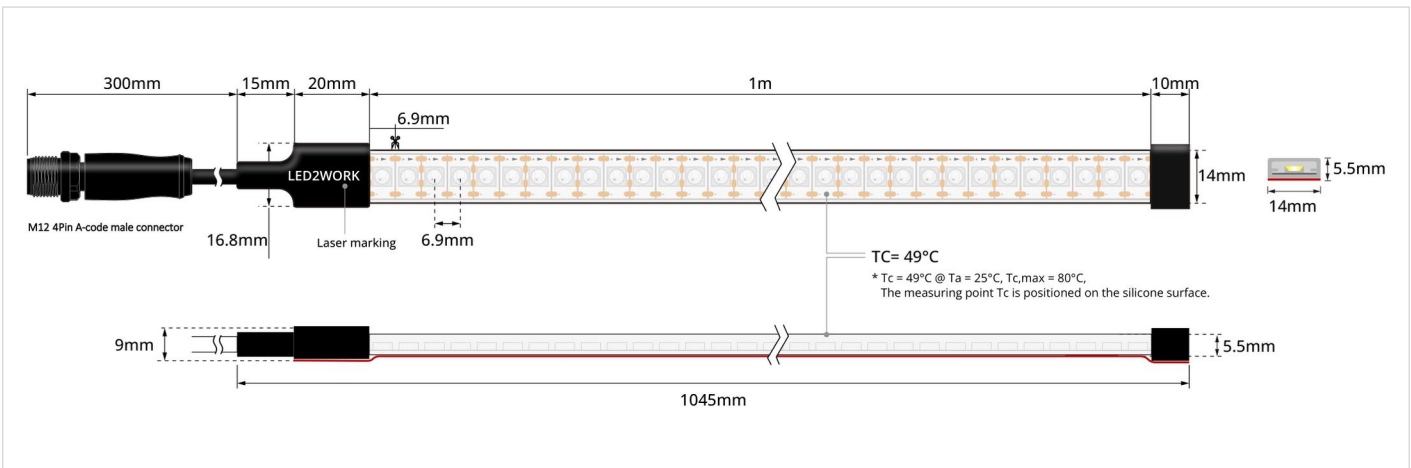
CONFORMITY & MARKINGS

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

* Applies only at 12V DC nominal voltage. Higher supply voltages cause additional heating and may shorten the light lifetime.

Note: Material: transparent silicone sheath, classified as VMQ/MVQ (vinyl methyl silicone rubber, ASTM D1418/ISO 1629).

DIMENSIONS



APPLICATION & DETAILS

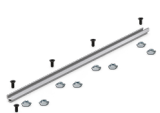


MATCHING ACCESSORIES



MOUNTING
FlexLED II mounting clip set (2 pcs)

Product no. 210200-42



MOUNTING
FlexLED II mounting profile set

Product no. 210200-43



CUTTING & SEALING
FlexLED II Sealing Kit for LED Strips

Product no. 230500-01