DOTLESS LED NEON FLEX STRIP · TOP VIEW · IP65

FLEX-0804

8 × 4 mm dotless silicone LED strip with a neon look, 24 V DC



PROFILE	8 × 4 mm
POWER	5–10 W/m
VOLTAGE	24 V DC
PROTECTION	IP65
MAX. RUN	5 m
CUT UNIT	50 mm

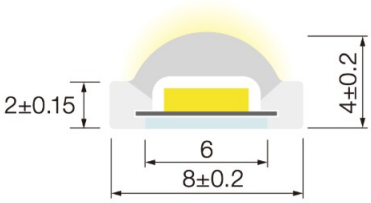
Overview

FLEX-0804 is a slim 8 × 4 mm LED strip fully encapsulated in a three-colour, one-piece silicone extrusion with a frosted dome. It gives a continuous, dot-free line of light with the look of neon flex in a much lower profile. Injection-moulded plugs seal the ends to IP65, and the frosted, dust-proof and UV-resistant surface suits yacht interiors, furniture details and sheltered exterior areas. Available in white from 2400K to 6500K and in red, green, blue, yellow, amber and pink; 24 V DC, PWM dimmable.

Specifications

Dimension	5000 × 8 × 4 mm (5 m reel)
Construction	Three-colour silicone one-piece extrusion, frosted dome
Light	Dotless, continuous line
Power	5 or 10 W/m
Voltage	24 V DC, constant voltage
Colour options	2400K, 2700K, 3000K, 3500K, 4000K, 5000K, 6500K; Red, Green, Blue, Yellow, Amber, Pink
Colour rendering	CRI 90 (white versions)
Colour consistency	SDCM < 5
Cut unit	50 mm
Max. run length	5 m, single feed
Protection	IP65, injection-moulded plugs
Dimming	PWM
Bend direction	Vertical
Lifetime	50,000 h

Cross Section



ORDERING INFORMATION

Product Code

FLEX-0804	3000K	10 W	24 V
MODEL	COLOUR	POWER	VOLTAGE
	2400–6500K · R · G · B · Y · A · P	5 · 10 W/m	24 V DC

Specify colour, version and power when ordering. Example: **FLEX-0804**, 3000K, 10 W/m, 24 V DC.

Photometric Data

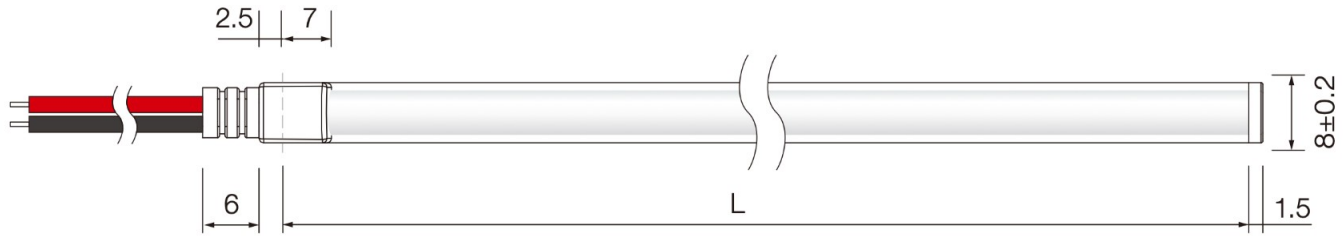
COLOUR	5 W/M · LM/M	LM/W	10 W/M · LM/M	LM/W
2400K	535	107.1	1010	101.0
2700K	546	109.2	1019	101.9
3000K	554	110.9	1046	104.6
3500K	599	119.8	1130	113.0
4000K	558	111.7	1077	107.7
5000K	552	110.4	1028	102.8
6500K	560	111.9	1056	105.6
Red	145	29.0	293	29.3
Green	381	76.2	685	68.5
Blue	71	14.2	134	13.4
Yellow	116	23.2	223	22.3
Amber	136	27.2	274	27.4
Pink	315	63.0	602	60.2

Single colour, measured at 24 V DC; white versions CRI 90, SDCM < 5. Typical values, tolerance ±10%.

DIMENSIONS & INSTALLATION

Dimensions (unit: mm)

Top view



Side view



L = ordered length. Injection-moulded plug with lead wire at the feed end; closed plug at the far end.

Control

VERSION	CONTROLLER
Single colour	1-channel PWM dimmer, 24 V DC

Use a constant-voltage power supply matching the rated voltage and do not exceed the maximum run length; feed longer lines from several points.

Installation

Mounting	Clips or aluminium profile
Bending	Vertical plane; do not bend at the plugs
Cutting	Only at the marked cutting points; reseal cut ends

Keep plugs and connections out of standing water on deck and exterior areas.

Cut & Run Length

VERSION	CUT UNIT	MAX. RUN	LEAD WIRE
Single colour	50 mm	5 m	2-core, red/black

Light output and power may vary by up to ±10% due to production and component tolerances.