

PRODUCT DATASHEET

Neon Digital Flex IP44 5M RGB + RC

NEON DIGITAL FLEX | Decorative colorful LED Strips for outdoor use with homogeneous illumination



Areas of application

- Gardens, balconies and other outdoor areas
- Indirect and direct lighting
- Living areas

Product benefits

- Easy and quick installation

Product features

- Switch on and off, color changing and dimming via remote control
- Type of protection: IP44
- Dimmable



TECHNICAL DATA

Electrical data

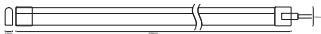
Nominal wattage	23.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	170.000 mA
Power factor λ	> 0.50
Protection class	II
Operating mode	External LED driver

Photometrical data

Luminous flux	180 lm
Luminous efficacy	8 lm/W
Light color (designation)	RGB
Color rendering index Ra	> 80
Beam angle	160 °

Dimensions & Weight

Length	5000.00 mm
Width	6.70 mm
Height	13.50 mm
Product weight	632.00 g



NEON DIGITALFLEX 5M REMOTE
RGB IP44

Materials & Colors

Body material	Silicone
Cover material	Polycarbonate (PC)
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+40 °C
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Temperature range at storage	-20...+80 °C
Type of connection	Plug, EU
Type of protection	IP44
Dimmable	Yes
Mounting type	Surface
Mounting location	All surfaces
Application environment	Outdoor
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	30000 h ¹⁾
Number of switching cycles	15000

¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

BATTERY

Type of Battery	Li metal button cell battery
Battery size [GMS]	CR2025
Number of included batteries	1
Nominal voltage of battery	3 V
Nominal capacity of battery	150 mAh




Certificates & Standards

Standards	CE / EAC
Replaceable light source (EPREL)	Not replaceable

Safety advice

- To reduce the risk of strangulation the flexible wiring connected to this luminaire shall be effectively fixed to the wall if the wiring is within arm's reach.
- Do not connect the rope light to the supply while it is wound onto a reel. Do not use the lightstrip when covered or recessed into a surface. The string of lights may not be operated within the packaging. Do not open the lightstrip.
- Battery Warning: Keep out of reach for children. Swallowing can lead to chemical burns, perforation of soft tissue, and death. Severe burns can occur within 2 hours of ingestion. Seek medical attention immediately.
- If the battery compartment (if applicable) does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- Please avoid: Maximal ambient temperature: +35 °C. Replacement of a battery with an incorrect type that can defeat safeguard (for example, in the case of some lithium battery types). Altitude during operation: 2000 m. Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	NEON DIGITALFLEX
	Legal information	Legal insert residential luminaires
	Declarations of conformity	NEON DIGITALFLEX 5M REMOTE RGB IP44LEDV

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075504769	Folding box 1	64 mm x 299 mm x 275 mm	914.00 g	5.26 dm ³
4058075504776	Shipping box 4	570 mm x 314 mm x 168 mm	4305.00 g	30.07 dm ³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.