

PRODUCT DATASHEET

Neon Flex IP44 5M 3000K

NEON FLEX | Decorative warm white 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

- Flexible, bendable LED strips
- Type of protection: IP44



TECHNICAL DATA

Electrical data

Nominal wattage	29.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	140.000 mA
Power factor λ	> 0.50
Protection class	II
Operating mode	External LED driver

Photometrical data

Luminous flux	1700 lm
Total luminous flux of contained light sources	3100 lm
Luminous efficacy	59 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdcm
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	110 °

Dimensions & Weight

Length	5000.00 mm
Width	13.50 mm
Height	6.70 mm
Product weight	700.00 g



NEON FLEX 5M 3000K IP44

Materials & Colors

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

Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-20...+80 °C
Type of connection	Plug type C (EU)
Type of protection	IP44
Dimmable	No
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)

Certificates & Standards

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


EQUIPMENT / ACCESSORIES



- Complete mounting and connecting accessories included

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.

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	NEON FLEX

Documents and certificates		Document name
	Legal information	Legal insert residential luminaires
	Declarations of conformity	NEON FLEX 3M and 5M

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075504721	Folding box 1	64 mm x 299 mm x 275 mm	982.00 g	5.26 dm³
4058075504738	Shipping box 4	570 mm x 314 mm x 168 mm	4577.00 g	30.07 dm³

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.