

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 |
|---------------|----------|

| | |
|-----------------|--------------------|
| 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 |
|-----------|----------|


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.