# Neon Cairo

**Features:**

- Silky, soft-touch silicone neon, with opaline front and integrated light source.
- Great for lighting up cornices and for creating decorative perimeter lighting, large letters and advertising texts, etc...
- Degree of protection: IP67
- Uses high quality silica gel and is resistant to yellowing, UV rays, saltpeter, high temperatures and is also flame retardant.
- Neon with frontal light emission.

| Reference | Colour temp. | Lumens/m | Lumens/W | Energy efficiency |
|-----------|--------------|----------|----------|-------------------|
| 10.265 | 6000K | 747 | 63 | G |
| 10.264 | 4000K | 816 | 69 | G |
| 10.263 | 3000K | 749 | 63 | G |

## Technical characteristics

### Technical data

| | |
|---|---|
| Power (per metre) | 12W/m |
| Voltage | 24V |
| Degree of protection | IP67 |

### Led information

| | |
|---|---|
| Number of leds per metre | 140 |

### Temperatures and operating conditions

| | |
|---|---|
| Working tempetarure | -40ºC / +55ºC |
| Storage temperature | -40ºC / +60ºC |

### Photometric data

| | |
|---|---|
| CRI | 90 |
| Opening angle | 110º |

### Aspects

| | |
|---|---|
| Dimmable | Yes *1 |
| Installation | Surface / Recessed |
| Apt for | Indoor / Outdoor |

*1 Adjustable with appropriate controllers.

### Useful lifespan

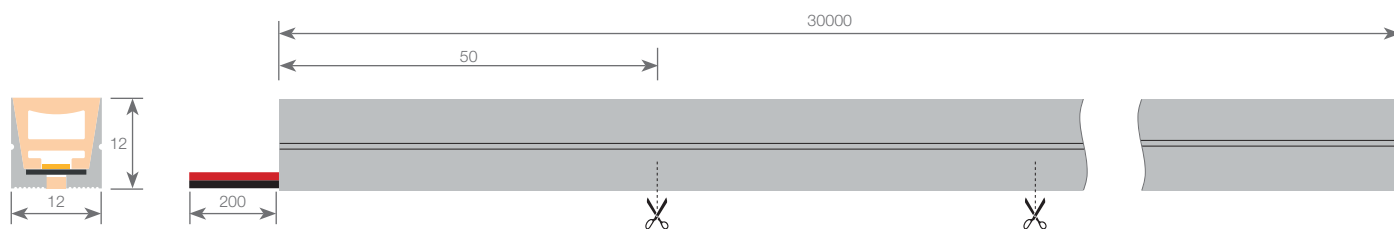| | |
|---|---|
| Estimated lifespan | 30.000h *2 |
| Daily recommended use | 18h |

*2 Depending on the dissipation of the profile, the daily working hours and the external environmental working temperature.
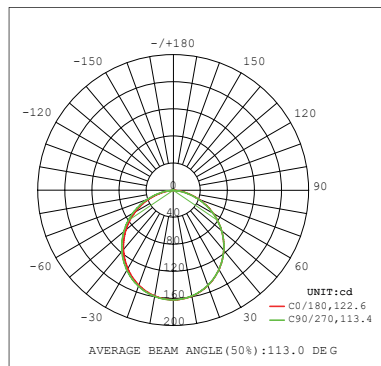
# Neon Cairo

## Dimensions and weight

| | | | |
|---|---|---|---|
| Length | 30000mm | Cutting section length | 50mm |
| Width | 12mm | Cable length | 200mm |
| Height | 12mm | Cable section | 2x0.5mm² |

## Connection

| | | | |
|---|---|---|---|
| Maximum connection in open circuit | 6m | Maximum connection in closed circuit | 12m |

## Photometric curves



UNIT:cd
— C0/180,122.6
— C90/270,113.4

AVERAGE BEAM ANGLE(50%):113.0 DEG

## Curve diameter



Horizontal

Vertical

Minimum diameter
Ø120mm

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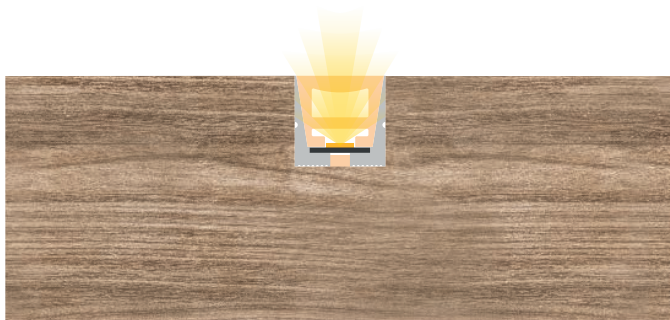
# Neon Cairo

Fixing
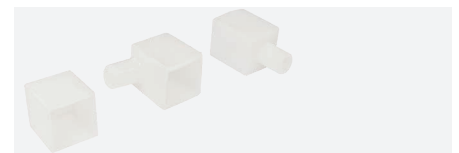


12,1
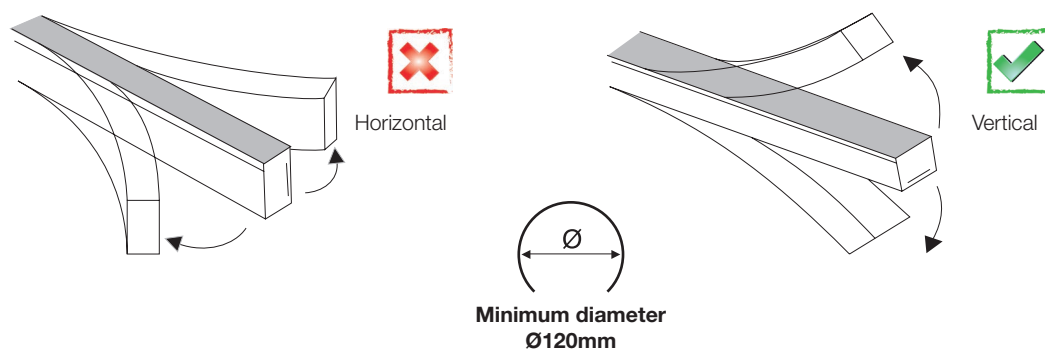
## Compatible accessories



**Clip profile**
10.254    1m    white aluminium



**Die-cut profile**
10.253    1m    steel



**Silicone endcaps**
19.491    frosted
19.490    frosted with side cable hole
19.489    frosted with front cable hole



**Aluminium clip**
20.083    white



**Silicone for waterproofing**
22.138    45ml    opal
22.140    45ml    transparent

# Neon Cairo

**Assembly instructions with clip profile or clip**

001.

002.

50mm

003.

004.

005.

006.

007.

008.

⚠ Make sure the angle between the neon and the profile is not more than 15°, otherwise the led strip may be damaged

15°

Do not bend

Do not stretch

Do not step on

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