



DURANEONFLEX VERT

Uniform and flexible light

Ready-to-light

DuraNeonFlex is a flexible extruded silicone profile, complete with 120 LEDs per meter strip.

The narrow pitch of the chips and Integrated Circuit technology make DNF a perfect light line, homogenous on all its 10 meters of length.

What's best ... it is ready-to-light!

Typology

Flexible light line with uniform emission in two directions depending on the model.

The section of the profile can be rounded or squared.

Both models have a TOP and VERT versions.

Features

Flexible light line with continuous lighting: so flexible you can create curves with a minimum diameter of 12 cm.

TOP flex Version: the light is emitted on the upper side of the light channel.

VERT flex Version: vertical emission away from the bottom of the channel.

Anti-glare diffuser function.

Maximum length per single power supply: 10 metres.

Installation

It is attached to the surface with the clips; it can be cut following the cutting marks (5cm).

Fitted with different outputs for power supply.

Installation temperature: 0° ~ 35°C; working temperature: -25° +35°C.

Material

Extremely flexible, impact resistant and weatherproof extruded silicone.

Minimum colour shift compared to the colour of the chip.

Usage information

Dimmable 0-100%

DALI - DMX

Analogue and digital domotic control systems

Push Dali with ZKCDAFF controllers

CASAMBI compatible

Power supply

Max current for single power supply: 4A.

Packaging

Available to order with minimum quantities to be agreed on with the sales force.

DNF can be supplied at any specific length (max length 10 meters for single power supply, cut every 5 cm) with or without the electrical terminals or in 10 m and 50 m reels without terminals.

Colour of the light

Range of white and pure colours both with 120 LED per meter.

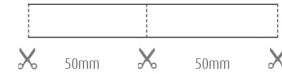
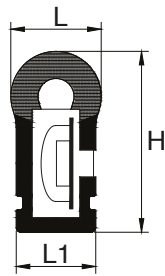
RGB version available on DNF and DNF-Q models.

| | | | | |
|-------------|--------|-----------|----------------|-------------------|
| PLUS | 24 Vdc | Ra 80 | | 36000 h L70B20 |
| IP65 | IK07 | Free Wire | -25°C +35°C | Risk Group 0 |
| | | | | |

Characteristic data

| | | | | | | | |
|-------|-----------|--------------|-------|----------|---------|-------|--------|
| Power | 90 W | Beam | 150° | Dimmable | Yes | Input | 24 Vdc |
| Base | Free Wire | IP | 65 | Flux | 4200 lm | Tc | 4000 K |
| Ra | 80 | LED Warranty | G4h24 | IK | IK07 | RG | RG0 |

Dimensional characteristics



| | |
|----|----------|
| L | 10000 mm |
| L1 | 8.8 mm |
| H | 20 mm |

| | |
|---------------|-------|
| Cutting pitch | 50 mm |
| LED pitch | 50 mm |

Lighting and photometric features

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|---|--------------------|
| Beam opening | 150° |
| Nominal flux per mt | 420 lm/m |
| Flux | 4200 lm |
| CCT nominal colour temperature | 4000 K |
| Colour of the light | Natural light |
| Colour rendering index | 80 |
| Lifespan | 36000 h |
| LED lifespan | L70B20 |
| Trigger time | <0,2 s |
| Heating time up to 60% of full efficiency | Instant Full Light |
| Mercury | 0 mg |

Electrical characteristics

| | |
|-------------------------|---|
| Rated power | 90 W |
| Input voltage | 24 Vdc |
| Dimmable | Yes |
| Energy efficiency class | This product contains a light source of energy efficiency class "F" |
| Operating temperature | -25°C / +35°C |
| Operating position | 360° |

Photometry

| | | | | | | |
|--|--|------------------|-------|-------|----------|--------|
| | 4000K | H(m) | D1(m) | D2(m) | Emax(lx) | |
| | Ra80 | | 137° | 171° | | |
| | Fixture Power | 9W | 1 | 5.10 | 25.47 | 85 |
| | Source Flux | 420lm | 2 | 10.19 | 50.94 | 21 |
| | Fixture Flux | 420lm | 3 | 15.29 | 76.41 | 9 |
| | Efficacy | 47lm/W | 4 | 20.38 | 101.88 | 5 |
| | 09UV240940 I _{max} =203cd/klm | I _{max} | 85cd | 5 | 25.48 | 127.35 |

EulumDat file on the site

LED Warranty

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|-------|---|
| G4h24 | Full Guarantee 4 years (24h/24h) Without limitations on the duration of use for the first year, provided the observance of the installation conditions. |
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European Directives

2009/125/EC * Ecodesign
 2011/65/EU * RoHS
 2012/19/EU * RAEE
 2014/30/EU * EMC
 2015/863 * Amending RoHS
 2017/1369 * Regulation for Energy Labelling
 2019/2015 * Regulation for Energy Labelling
 2019/2020 * Regulation for Ecodesign
 2021/340 * Amending Reg. Energy Labelling
 2021/341 * Amending Reg. Ecodesign

Product standards

CEI EN 55015:2020 (+A11:2020)
 CEI EN 60598-1:2022
 CEI EN 60598-2-1:2022
 CEI EN 61000-3-2:2019 (+A1:2021)
 CEI EN 61000-3-3:2014 (+EC1:2014/+EC2:2016/+A1:2021/+A2:2022)
 CEI EN 61547:2010
 CEI EN 62031:2021 (+A11:2022)
 CEI EN 62471:2010
 IEC/TR 62471-2:2009
 CEI EN 62493:2015
 CEI 34-141:2014

Logistics data

| | |
|------------------------|---------------|
| Item net weight | 1935 gr |
| Barcode single item | 8011905909062 |
| Minimum order quantity | 1 |
| Minimum packaging | 1 / 1 |