

DURANEONFLEX TWIST

DuraNeonFlex Twist is the ideal tool to follow the fluid form of contemporary architecture and is able to follow curved paths that change direction in unexpected and surprising ways, DNF Twist can be twisted both vertically and horizontally and may be cut to size at any point making it possible to obtain the exact lengths necessary for any project.

Fabricated from high transmittance extruded silicone, it is weatherproof and impact resistant forming unusual effects in creative lighting.

Typology

Flexible light line with uniform emission in two directions.

Features

Flexible light line with continuous lighting: so flexible you can create curves with a minimum diameter of 6 cm and allows twisting of 360° in one meter!

Lifetime: internal use >50,000h; external use>35,000h

Warranty: 3 years

IP65 with free wires

Installation

It is attached to the surface with the clips; can be cut at any point (free cut), all with free wires.

Equipped with various power supply terminals, all with free cables.

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

Material

Extremely flexible, impact resistant and weatherproof extruded silicone.

Lifetime: internal use >50,000h; external use>35,000h

Usage information

Dimmable 0-100%

DALI - DMX

Analogue and digital domotic control systems

Push Dali with ZKCDAFF controllers

CASAMBI compatible

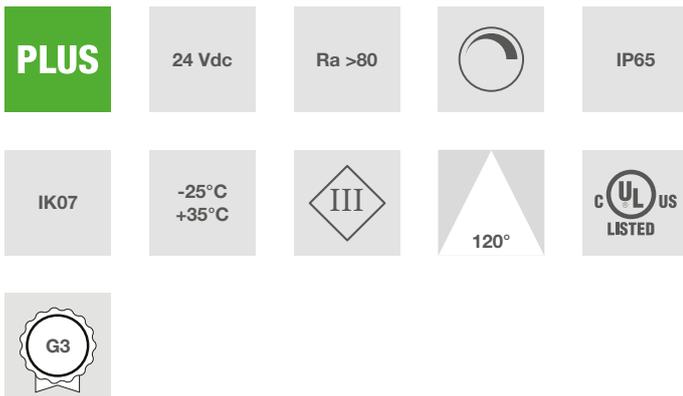
Packaging

Packaged in 5 meters reels.

DuraNeonFlex Twist can be ordered in custom lengths, with a max of 5 meters per electrical connection - with no minimum cut size - without or without the terminals needed for the project (in-line, side, or rear connection).

Colour of the light

Range of whites.



Characteristic data

| | | | | | | | |
|--------------|------|------|---------|----------|--------|-------|--------|
| Power | 45 W | Beam | 120° | Dimmable | Yes | Input | 24 Vdc |
| IP | 65 | Flux | 4500 lm | Tc | 6500 K | Ra | >80 |
| LED Warranty | G3 | IK | IK07 | | | | |

Dimensional characteristics

FREE CUT - TAGLIO LIBERO



| | |
|----|---------|
| L | 5000 mm |
| L1 | 16 mm |
| H | 15 mm |

Lighting and photometric features

| | |
|---|--------------------|
| Beam opening | 120° |
| Nominal flux per mt | 450 lm/m |
| Flux | 4500 lm |
| CCT nominal colour temperature | 6500 K |
| Colour rendering index | >80 |
| 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 | 45 W |
| Input voltage | 24 Vdc |
| Dimmable | Yes |
| Energy efficiency class | This product contains a light source of energy efficiency class "E" |
| Operating temperature | -25°C / +35°C |
| Operating position | 360° |

Photometry

| | 6500K | H(m) | D(m) | Emax(lx) |
|----------------|--------|-------|-------|----------|
| | Ra80 | | 113° | |
| Fixture Power | 9W | 1 | 3.03 | 156 |
| Source Flux | 450lm | 2 | 6.06 | 39 |
| Fixture Flux | 450lm | 3 | 9.08 | 17 |
| Efficacy | 50lm/W | 4 | 12.11 | 10 |
| Imax=348cd/klm | Imax | 156cd | 15.14 | 6 |

EuLumDat file on the site

LED Warranty

| | |
|----|--|
| G3 | Up to 3 years (4000h/year) *4000h = 11h a day x 365 days. Without limitations on the duration of use for the first year, provided the observance of the installation conditions. |
|----|--|

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 | 1700 gr |
| Barcode single item | 8011905950682 |
| Minimum order quantity | 1 |
| Minimum packaging | 1 / 1 |