



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

Power supply

Max current for single power supply: 4A.

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.

PLUS	24 Vdc	Ra 80		36000 h L70B20
IP65	-25°C +35°C	Risk Group 1		

Characteristic data

Power	45 W	Beam	120°	Dimmable	Yes	Input	24 Vdc
IP	65	Flux	4500 lm	Tc	4000 K	Ra	80
LED Warranty	G3	RG	RG1				

Dimensional characteristics

TAGLIO LIBERO - FREE CUT



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	4000 K
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	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

	4000K	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	5	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.
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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	1220 gr
Barcode single item	8011905950675
Minimum order quantity	1
Minimum packaging	1 / 1