DURANEONFLEX TOP

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 for VERT models.
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.
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
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
III	150°	c UL us LISTED	G4 h24	
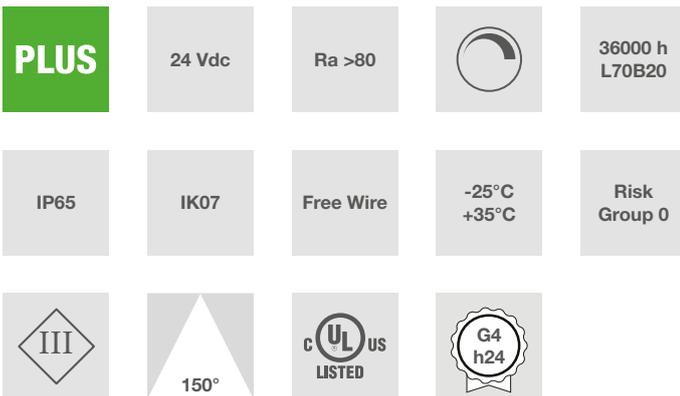
Characteristic data

Power	140 W	Beam	150°	Dimmable	Yes	Input	24 Vdc
Base	Free Wire	IP	65	Flux	7600 lm	Tc	2700 K
Ra	>80	LED Warranty	G4h24	IK	IK07	RG	RG0

Technisches Datenblattsheet

Fiche technique

Ficha de datos

Technical datasheet

Scheda tecnica

Dimensional characteristics
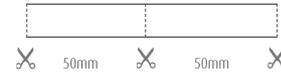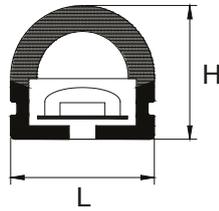
L	10000 mm
L1	16 mm
H	15 mm

Cutting pitch	50 mm
LED pitch	50 mm

Lighting and photometric features

Beam opening	150°
Nominal flux per mt	760 lm/m
Flux	7600 lm
CCT nominal colour temperature	2700 K
Colour of the light	Warm 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	140 W
Input voltage	24 Vdc
Dimmable	Yes
Energy efficiency class	This product contains a light source of energy efficiency class "G"
Operating temperature	-25°C / +35°C
Operating position	360°

Photometry

2700K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			111°	162°	
Fixture Power	14W	1	2.89	12.91	179
Source Flux	760lm	2	5.79	25.81	45
Fixture Flux	760lm	3	8.68	38.72	20
Efficacy	54lm/W	4	11.57	51.63	11
Imax	179cd	5	14.47	64.54	7

09UT241427 Imax=235cd/klm

EuLumDat file on the site

LED Warranty

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.

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	2085 gr
Barcode single item	8011905908980
Minimum order quantity	1
Minimum packaging	1 / 1

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