



DURANEONFLEX FILO

Typology

A thin light line enclosed in a square section of only 6 mm. Despite its compact size, this strip offers high brightness. The extruded silicone cover ensures resistance and flexibility, allowing curves up to 30 mm.

Features

These LED strips use a special chip, evolution of the 2835, which allows cutting at every single LED: only 6.25 mm between each light point. Total freedom of installation, even in the smallest details.

Installation

Complete with 3M double-sided tape to attach to the surface. When using double-sided tape degrease the application surface adequately.

Usage information

Dimmable 0-100% Flicker Free
DALI - DMX - 1-10
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.

Binning

SDCM from <3 to <6.

Connections

Equipped with a line/straight connector with free wires. Accessory required only in case of cutting and new connection.

PRO	24 Vdc	Ra 90		50000 h L70B50
IP67	IK06	-25°C +35°C	Risk Group 1	
 120°				

Characteristic data

Power	45 W	Beam	120°	Dimmable	Yes	Input	24 Vdc
IP	67	Tc	3000 K	Ra	90	LED Warranty	G5h24
IK	IK06	RG	RG1				

Dimensional characteristics



L	5000 mm
L1	6 mm
H	6 mm

Lighting and photometric features

Beam opening	120°
Nominal flux per mt	620 lm/m
CCT nominal colour temperature	3000 K
Colour of the light	Warm light
Colour rendering index	90
Lifespan	50000 h
LED lifespan	L70B50
Trigger time	<0,2 s
Heating time up to 60% of full efficiency	Instant Full Light

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 "G"
Operating temperature	-25°C / +35°C

Photometry

	3000K	H(m)	D(m)	Emax(lx)
	Ra90		114°	
Fixture Power	9W	1	3.08	208
Source Flux	620lm	2	6.16	52
Fixture Flux	620lm	3	9.24	23
Efficacy	69lm/W	4	12.32	13
354848 I _{max} =335cd/klm	I _{max}	208cd	15.39	8

EulumDat file on the site

LED Warranty

G5h24	Full Guarantee 5 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

Barcode single item	8011905354848
Number of pieces multiple pack	10
Minimum order quantity	1
Minimum packaging	1 / 10