



## DURANEONFLEX BLACK SERIES - TOP

### Typology

The "BLACK" series is designed to hide the light strip. Installed in a dark-painted environment, typically used in entertainment-oriented spaces, this LED strip with a black body becomes virtually invisible when switched off, blending seamlessly into the wall or ceiling. A sought-after plus for designers attentive to aesthetics as well as lighting technology. Also interesting is the use of the strip with a black body on surfaces of another color.

### Installation

Mounted with clips or with rigid and flexible profiles. This DNF can be cut at any point (free cut).

### Material

Extremely flexible, impact resistant and weatherproof extruded silicone.

### Usage information

Dimmable 0-100%  
DALI - DMX  
Analogue and digital domotic control systems  
Push Dali with ZKCODA controllers  
CASAMBI compatible

### Power supply

Max current for single power supply: 4A.

### Packaging

Packaged in 5 meters reels.

### Connections

Supplied with free-wire connection on one side and an end cap on the other. Accessories are required only in case of cutting and new connection. This item can be ordered with the **customized length service**, to the required length, up to max. 5 meters per electrical connection - with no minimum cutting pitch - with or without the output cables required by the project.

<b>PRO</b>	24 Vdc	Ra 80		50000 h L70B50
IP67	IK06	-25°C +35°C	Risk Group 1	

### Characteristic data

Power	40 W	Beam	90°	Dimmable	Yes	Input	24 Vdc
IP	67	Tc	3000 K	Ra	80	LED Warranty	G5h24
IK	IK06	RG	RG1				

## Dimensional characteristics



L	5000 mm
L1	10 mm
H	10 mm

## Lighting and photometric features

Beam opening	90°
Nominal flux per mt	110 lm/m
CCT nominal colour temperature	3000 K
Colour of the light	Warm light
Colour rendering index	80
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	40 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

## Photometry

	3000K	H(m)	D1(m)	D2(m)	Emax(lx)	
	Ra80		86°	84°		
	Fixture Power	8W	1	1.85	1.79	49
	Source Flux	100lm	2	3.71	3.59	12
	Fixture Flux	100lm	3	5.56	5.38	5
	Efficacy	13lm/W	4	7.42	7.17	3
	355449 I <sub>max</sub> =490cd/klm	I <sub>max</sub>	49cd	5	9.27	8.97

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	8011905355449
Number of pieces multiple pack	5
Minimum order quantity	5
Minimum packaging	5 / 5