



## DURANEONFLEX BLACK SERIES - STRIPES

### Typology

A flexible anti-glare profile, UGR, 'black suit' for elegant and demanding interior design or outdoor decoration. The great installation flexibility, the curves that can be drawn with this type of light profile, the light that shines through the grid, all these features create a new and fascinating light effect. 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. Consider a maximum bending radius of 280 mm to prevent visible distortion of the grid.

### 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 ZKCDA controllers  
CASAMBI compatible

### Power supply

Max current for single power supply: 4A.

### Packaging

Packaged in 5 meters reels.

### Binning

SDCM <5

### Connections

Supplied with free-wire connection on one side and an end cap on the other.

<b>PRO</b>	24 Vdc	Ra 90		50000 h L70B50
IP67	IK06	-25°C +35°C	Risk Group 1	
 110°x40°				

### Characteristic data

Power	70 W	Beam	110°x40°	Dimmable	Yes	Input	24 Vdc
IP	67	Tc	2700 K	Ra	90	LED Warranty	G5h24
IK	IK06	RG	RG1				

## Dimensional characteristics



L	5000 mm
L1	16 mm
H	16 mm

## Lighting and photometric features

Beam opening	110°x40°
Nominal flux per mt	240 lm/m
CCT nominal colour temperature	2700 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	70 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

	2700K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra90		111°	40°	
Fixture Power	14W	1	2.90	0.73	147
Source Flux	240lm	2	5.80	1.46	37
Fixture Flux	240lm	3	8.69	2.18	16
Efficacy	17lm/W	4	11.59	2.91	9
355043 I <sub>max</sub> =614cd/klm	I <sub>max</sub>	5	14.49	3.64	6

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	8011905355043
Number of pieces multiple pack	5
Minimum order quantity	5
Minimum packaging	5 / 5