



DURANEONFLEX BLACK SERIES - TOP RGBW

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. RGB version: saturated RGB colors blend with the white spectrum to create soft pastel shades and/or white tones.

Installation

Mounted with clips or with rigid and flexible profiles.

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.

Connections

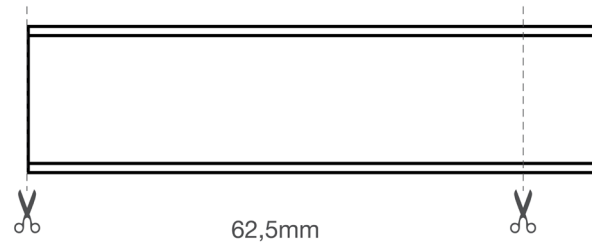
Supplied with free-wire connection on one side and an end cap on the other. Accessories are required only in case of cutting and new connection. This item can be ordered with the **customized length service**, to the required length, up to max. 5 meters per electrical connection - with no minimum cutting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

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

Characteristic data

Power	70 W	Beam	90°	Dimmable	Yes	Input	24 Vdc
IP	67	Tc	RGBW (3000K)	Ra	80	LED Warranty	G5h24
IK	IK06	RG	RG1				

Dimensional characteristics



L	5000 mm
L1	16 mm
H	16 mm

Lighting and photometric features

Beam opening	90°
Nominal flux per mt	30 lm/m
CCT nominal colour temperature	RGBW (3000K)
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	70 W
Input voltage	24 Vdc
Dimmable	Yes
Operating temperature	-25°C / +35°C

Photometry

	3000K	H(m)	D(m)	Emax(lx)		
	Ra80		86°			
Fixture Power	14W	1	1.86	15		
Source Flux	30lm	2	3.72	4		
Fixture Flux	30lm	3	5.58	2		
Efficacy	2lm/W	4	7.44	1		
355401	Imax=487cd/klm	Imax	15cd	5	9.29	1

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	8011905355401
Number of pieces multiple pack	5
Minimum order quantity	5
Minimum packaging	5 / 5