



ARCHITECTURAL OPTICS - RGBW BLACK

Typology

ARCHITECTURAL OPTIC transforms the way light interacts with space, offering precision and creativity like never before.

Whether you want to achieve narrow, well-defined beams or asymmetric distributions that wrap surfaces evenly, the OPTIC line guarantees a stunning visual impact.

Features

It is a silicone profile with a very small section, 30 x 23 mm, which allows flexibility impossible to achieve with rigid bar fixtures.

Version with beam angle of 30°.

This range of ultra-light and highly flexible profiles easily adapts to both vertical and horizontal curves.

Designing along the fluid lines of contemporary architecture has never been so simple and so inspiring!

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.

The cutting pitch is 250 mm.

Possibility to direct the beam with the adjustable bracket.

Material

Flexible silicone extrusion characterized by impact resistance, high tear resistance, and weather resistance.

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.

Connections

This item is supplied made to measure according to the specifications required by the project.

Please contact the sales team for further information.

PRO	24 Vdc	Ra 90		50000 h L70B50
IP67	IK07	-25°C +35°C	Risk Group 1	

Characteristic data

Power	120 W	Beam	30°	Dimmable	Yes	Input	24 Vdc
IP	67	Tc	RGBW (3000K)	Ra	90	LED Warranty	G5h24
IK	IK07	RG	RG1				

Dimensional characteristics



L	5000 mm
L1	30 mm
H	23 mm

Cutting pitch	250 mm
LED pitch	41 mm

Lighting and photometric features

Beam opening	30°
Nominal flux per mt	840 lm/m
CCT nominal colour temperature	RGBW (3000K)
Colour of the light	RGBW
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	120 W
Input voltage	24 Vdc
Dimmable	Yes
Energy efficiency class	This product contains a light source of energy efficiency class "C"
Operating temperature	-25°C / +35°C

Photometry

	3000K	H(m)	D1(m)	D2(m)	Emax(lx)	
	Ra90		29°	28°		
	Fixture Power	24W	1	0.52	0.50	1803
	Source Flux	840lm	2	1.05	0.99	451
	Fixture Flux	840lm	3	1.57	1.49	200
	Efficacy	35lm/W	4	2.10	1.99	113
	349943 I _{max} =2147cd/klm	I _{max}	1804cd	5	2.62	2.48

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	8011905349943
Number of pieces multiple pack	5
Minimum order quantity	5
Minimum packaging	5 / 5