



ARCHITECTURAL OPTICS

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.

Available with emission angles of 10° and 30°, as well as asymmetric solutions. This range of ultra-light and highly flexible profiles easily adapts to both vertical and horizontal curves.

RGBW versions are available with two beam angles.

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

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	
 45°x30°				

Characteristic data

Power	120 W	Beam	45°x30°	Dimmable	Yes	Input	24 Vdc
IP	67	Tc	2700 K	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	45°x30°
Nominal flux per mt	1800 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	120 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)	E _{max} (lx)
	Ra90		34°	40°	
Fixture Power	24W	1	0.65	0.75	2582
Source Flux	1800lm	2	1.30	1.50	646
Fixture Flux	1800lm	3	1.95	2.25	287
Efficacy	75lm/W	4	2.60	3.00	161
349905 I _{max} =1543cd/klm	I _{max}	5	3.25	3.75	103

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	8011905349905
Number of pieces multiple pack	5
Minimum order quantity	5
Minimum packaging	5 / 5