



## 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.

Version with beam angle of 10°.

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!

### 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.

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

### Characteristic data

Power	120 W	Beam	10°	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	10°
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)	Emax(lx)	
	Ra90		13°	13°		
	Fixture Power	24W	1	0.23	0.24	15406
	Source Flux	1800lm	2	0.46	0.47	3851
	Fixture Flux	1800lm	3	0.68	0.71	1712
	Efficacy	75lm/W	4	0.91	0.94	963
	349936 I <sub>max</sub> =8559cd/klm	I <sub>max</sub>	15406cd	5	1.14	1.18

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	8011905349936
Number of pieces multiple pack	5
Minimum order quantity	5
Minimum packaging	5 / 5