LIGHTING SYSTEMS

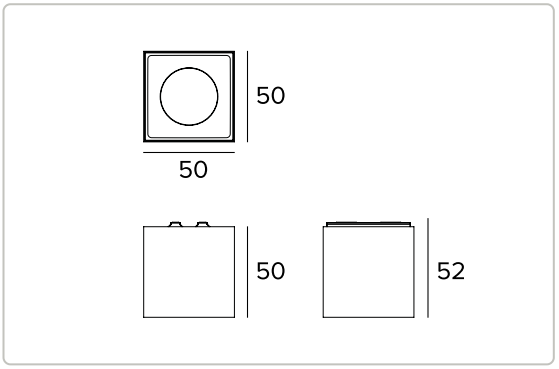
Oz Lighting module - Single fixed - 50x50mm

Code
1T7970CA



LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
3500K 90	Zoom DBS 22°-46°	7.7W 650-682lm

POWER SUPPLY CONTROL	COLOUR
48Vdc	



The figures on the drawing are expressed in mm.

The fixture's photometric values can be found on the following pages

Technical Data

Concept

Fixed magnetic LED light module, powered at low voltage.

Source

High efficiency Chip on Board LED Ra90.	
Energy efficiency class	F
Nominal power	6,9W
Nominal flux	930lm
Colour rendering index	90
Rf	91
Rg	100
CCT nominal	3500K
SDCM	2
Lifetime (L80/B10)	52000h tq +25°C
Lifetime (L90/B10)	52000h tq +25°C

TARGETTI

CCIAA Firenze
Share Capital: € 500.000,00
VAT N. (IT): 01537660480
R.E.A: FI-275656

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Due to the technological evolution of the electronic components, the data provided may be updated, and as such, confirmation must be requested during the order process.
Luminous flux and power supply have +/-10% tolerances with respect to the indicated value. tq +25°C (CIE 121).

We reserve the right to make technical changes.

Technical Data

Illuminotechnical characteristics

Optical unit composed of a specular anodised aluminium reflector, a Lens Vector lens (liquid crystal glass lenses that are electronically controlled to regulate light diffusion and the beam opening) and a holographic filter; UGR<22 (EN12464-1).

Optic	Zoom DBS
Beam angles	FL-MWFL
Optical efficiency	See photometries
Fixture flux	See photometries
Luminous efficacy	See photometries
Photobiological safety	Compliant with RG1 low risk group

Mechanical characteristics

White painted die-cast aluminium body. Fixed light, 50x50mm.

Colour and finish	Plaster white
Dimensions	AxBxH 50x50x50mm
Weight	0.102Kg
Version	Fixed - CASAMBI
Degree of protection	IP20

Electrical characteristics

Fixture Power	7.7W
Power supply	48Vdc
Insulation Class	CLASS 3
Ambient temperature	0°C / +25°C

Installation

Extremely rapid, versatile and simple mechanical and electrical coupling system using magnets which support the fixture on the Power Track and feed power inside the fixture on all versions.

Notes

Version with DBS (Dynamic Beam Shaper) technology. 110-277Vac version available on request. Commissioning of the control system via free APP; the intervention of a specialist technician can be quoted on request.

Regulations and Certifications

CE

Warranty

5 years.

Warning

Luminaire designed for disposal/recycling at end-of-life. Replaceable (LED only) light source by a professional. Replaceable control gear by a professional.

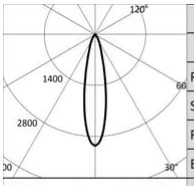
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Photometries

SP

Fixture flux	682lm
Luminous efficacy	89lm/W
Optical efficiency	73.35%

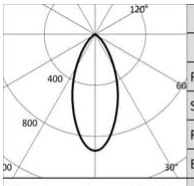


3500K		H(m)	D(m)	Emax(lx)
Ra90			22°	
Fixture Power	8W	1	0.39	2831
Source Flux	930lm	2	0.78	708
Fixture Flux	682lm	3	1.17	315
Efficacy	89lm/W	4	1.56	177
Imax	2831cd	5	1.95	113

TS1287 Imax=3045cd/klm

MWFL

Fixture flux	650lm
Luminous efficacy	84lm/W
Optical efficiency	69.87%



3500K		H(m)	D(m)	Emax(lx)
Ra90			46°	
Fixture Power	8W	1	0.84	846
Source Flux	930lm	2	1.69	212
Fixture Flux	650lm	3	2.53	94
Efficacy	84lm/W	4	3.37	53
Imax	846cd	5	4.21	34

TS1288 Imax=910cd/klm

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