LIGHTING SYSTEMS

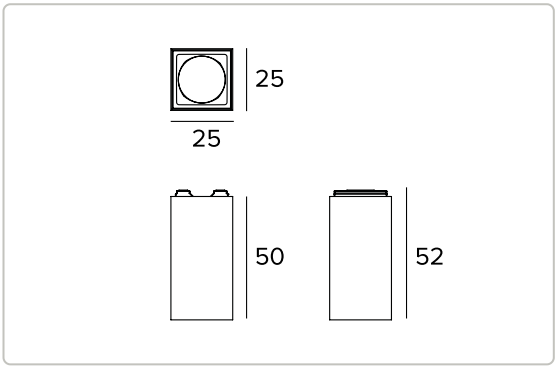
Oz Lighting module - Single fixed - 25x25mm

Code
1T7949CA



LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
2700K 90	Zoom DBS 16°-35°	2.8W 148-166lm

POWER SUPPLY CONTROL	COLOUR
48Vdc	



The figures on the drawing are expressed in mm.

0.04 IP20

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

Hugh efficiency Ra90 LED Emitter.	
Energy efficiency class	G
Nominal power	2,1W
Nominal flux	224lm
Colour rendering index	90
Rf	87.6
Rg	103.9
CCT nominal	2700K
SDCM	2
Lifetime (L80/B10)	100000h tq +25°C
Lifetime (L90/B10)	72000h 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	SP-FL
Optical efficiency	See photometries
Fixture flux	See photometries
Luminous efficacy	See photometries
Photobiological safety	Compliant with RG1 low risk group

Mechanical characteristics

Black painted die-cast aluminium body. Fixed light, 25x25mm.

Colour and finish	Deep black
Dimensions	AxBxH 25x25x50mm
Weight	0.043Kg
Version	Fixed - CASAMBI
Degree of protection	IP20

Electrical characteristics

Fixture Power	2.8W
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.

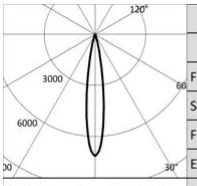
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Photometries

SP

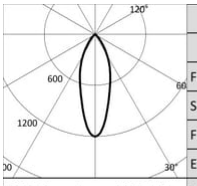
Fixture flux	166lm
Luminous efficacy	59lm/W
Optical efficiency	74.19%



2700K		H(m)	D(m)	Emax(lx)
Ra90			16°	
Fixture Power	3W	1	0.28	1598
Source Flux	224lm	2	0.56	400
Fixture Flux	166lm	3	0.84	178
Efficacy	59lm/W	4	1.12	100
TS1283 Imax=7134cd/klm	Imax 1598cd	5	1.40	64

MWFL

Fixture flux	148lm
Luminous efficacy	53lm/W
Optical efficiency	66.19%



2700K		H(m)	D(m)	Emax(lx)
Ra90			35°	
Fixture Power	3W	1	0.62	268
Source Flux	224lm	2	1.24	67
Fixture Flux	148lm	3	1.86	30
Efficacy	53lm/W	4	2.49	17
TS1284 Imax=1198cd/klm	Imax 268cd	5	3.11	11

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