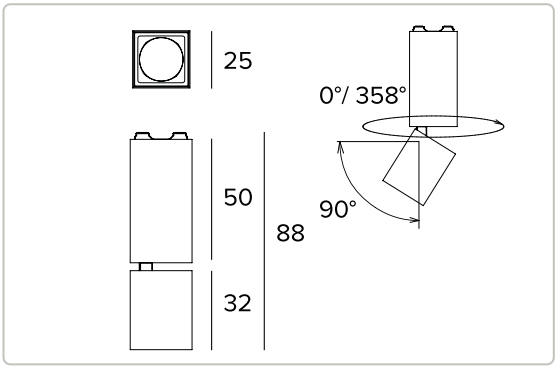
LIGHTING SYSTEMS

Oz Lighting module - Single adjustable - 25x25mm

Code
1T7955CA

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
3500K 90	Zoom DBS 16°-35°	2.8W 161-180lm

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

Adjustable magnetic LED light module, powered at low voltage.

Source

Hugh efficiency Ra90 LED Emitter.	
Energy efficiency class	F
Nominal power	2,1W
Nominal flux	243lm
Colour rendering index	90
Rf	91.4
Rg	103.9
CCT nominal	3500K
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. Adjustable fixture, 25x25mm. Tiltability of the optical unit from 0° to +90° on the vertical plane and of 358° on the horizontal plane.

Colour and finish	Deep black
Dimensions	AxBxH 25x25x86mm
Weight	0.062Kg
Version	Adjustable - 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.

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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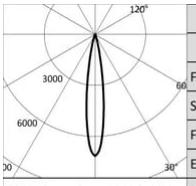
Photometries

SP

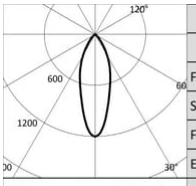
Fixture flux	180lm
Luminous efficacy	64lm/W
Optical efficiency	74.19%



		3500K		H(m)	D(m)	Emax(lx)
		Ra90			16°	
		Fixture Power	3W	1	0.28	1734
		Source Flux	243lm	2	0.56	433
		Fixture Flux	180lm	3	0.84	193
		Efficacy	64lm/W	4	1.12	108
TS1285	Imax=7134cd/klm	Imax	1734cd	5	1.40	69

MWFL

Fixture flux	161lm
Luminous efficacy	57lm/W
Optical efficiency	66.19%



		3500K		H(m)	D(m)	Emax(lx)
		Ra90			35°	
		Fixture Power	3W	1	0.62	291
		Source Flux	243lm	2	1.24	73
		Fixture Flux	161lm	3	1.86	32
		Efficacy	57lm/W	4	2.49	18
TS1286	Imax=1198cd/klm	Imax	291cd	5	3.11	12

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