LIGHTING SYSTEMS

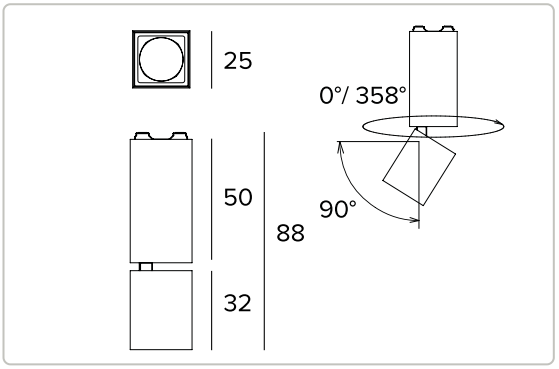
# Oz Lighting module - Single adjustable - 25x25mm

**Code**
**1T7967CA**



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

| POWER SUPPLY CONTROL | COLOUR |
|---|---|
| 48Vdc | |




The figures on the drawing are expressed in mm.

0.06 IP20 CE

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 | 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

White 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 | Plaster white |
| 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.

### Regulations and Certifications

CE

### Warranty

5 years.

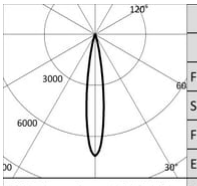
### Warning

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

# Photometries

## SP

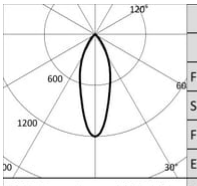
| | |
|---|---|
| **Fixture flux** | 166lm |
| **Luminous efficacy** | 59lm/W |
| **Optical efficiency** | 74.19% |




| 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 |
| TS1285 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 |
| TS1286 Imax=1198cd/klm | Imax 268cd | 5 | 3.11 | 11 |

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