LIGHTING SYSTEMS

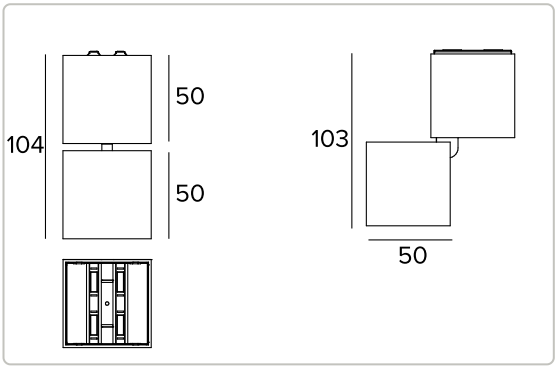
# Oz Lighting module - Single adjustable - 50x50mm

**Code**
**1T7597**

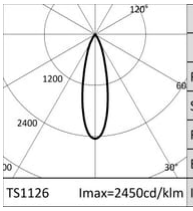


| LIGHT COLOUR | LIGHT DISTRIBUTION | OUTPUT |
|---|---|---|
| 4000K<br>90 | FL<br>27° | 7.1W<br>793lm |

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




**The figures on the drawing are expressed in mm.**




| 4000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 27° | |
| Fixture Power | 7W | 1 | 0.49 | 2597 |
| Source Flux | 1060lm | 2 | 0.98 | 649 |
| Fixture Flux | 793lm | 3 | 1.47 | 289 |
| Efficacy | 112lm/W | 4 | 1.95 | 162 |
| Imax | 2597cd | 5 | 2.44 | 104 |

## Technical Data

### Concept

Adjustable magnetic LED light module, powered at low voltage.

### Source

| | |
|---|---|
| High efficiency Chip on Board LED Ra90. | |
| Energy efficiency class | E |
| Nominal power | 6,5W |
| Nominal flux | 1060lm |
| Colour rendering index | 90 |
| Rf | 90 |
| Rg | 98 |
| CCT nominal | 4000K |
| SDCM | 2 |
| Lifetime (L80/B10) | 72000h tq +25°C |
| Lifetime (L90/B10) | 72000h tq +25°C |

TARGETTI

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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

The flood optical system consists of a metallised polycarbonate precision optic, a holographic diffuser filter and a black polycarbonate frame. The light is suitable for installation in work environments UGR<19 (EN12464-1).

| | |
|---|---|
| Optic | FL |
| Beam angles | FL |
| Optical efficiency | 74.8% |
| Fixture flux | 793lm |
| Luminous efficacy | 112lm/W |
| Photobiological safety | Compliant with RG1 low risk group |

### Mechanical characteristics

Black painted die-cast aluminium body. Adjustable fixture, 50x50mm. 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 50x50x104mm |
| Weight | 0.02Kg |
| Version | Adjustable - ON-OFF |
| Degree of protection | IP20 |

### Electrical characteristics

| | |
|---|---|
| Fixture Power | 7.1W |
| 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

110-277Vac version available 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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