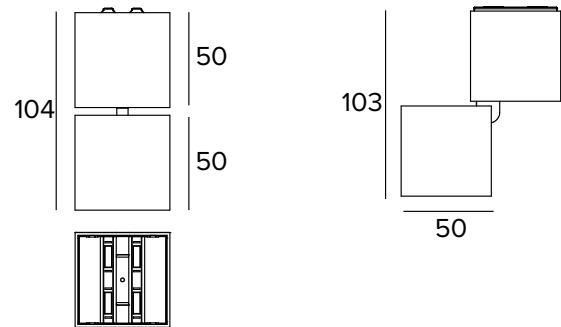


1T7976CA | OZ Lighting module - Single

Adjustable magnetic LED light module, powered at low voltage



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



The figures on the drawing are expressed in mm.

SOURCE

High efficiency Chip on Board LED Ra90.

Energy efficiency class: F

Nominal power: 6,9W

Nominal flux: 949lm

Colour rendering index: 90

Rf: 90

Rg: 98

CCT nominal: 4000K

SDCM: 2

Lifetime (L80/B10): >50000h tq +25°C

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: 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. 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: Plaster white

Dimensions: 50x50mm

Weight: 0.209Kg

Version: ADJUSTABLE CASAMBI

Degree of protection: IP20

ELECTRICAL CHARACTERISTICS

Fixture Power: 8W

Power supply: 48Vdc

Insulation Class: CLASS 3

Class F: YES

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.

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.

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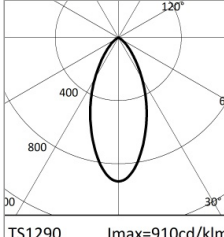
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1T7976CA | OZ Lighting module - Single

Adjustable magnetic LED light module, powered at low voltage



| | 4000K | | H(m) | D(m) | E _{max} (lx) |
|---------------|------------------------------|------------------|------|------|-----------------------|
| | | Ra90 | | | 22° |
| Fixture Power | 8W | | 1 | 0.39 | 2889 |
| Source Flux | 949lm | | 2 | 0.78 | 722 |
| Fixture Flux | 696lm | | 3 | 1.17 | 321 |
| Efficacy | 90lm/W | | 4 | 1.56 | 181 |
| TS1289 | I _{max} =3045cd/klm | I _{max} | 5 | 1.95 | 116 |



| | 4000K | | H(m) | D(m) | E _{max} (lx) |
|---------------|-----------------------------|------------------|------|------|-----------------------|
| | | Ra90 | | | 46° |
| Fixture Power | 8W | | 1 | 0.84 | 864 |
| Source Flux | 949lm | | 2 | 1.69 | 216 |
| Fixture Flux | 663lm | | 3 | 2.53 | 96 |
| Efficacy | 86lm/W | | 4 | 3.37 | 54 |
| TS1290 | I _{max} =910cd/klm | I _{max} | 5 | 4.21 | 35 |

SP

| | |
|--------------------|--------|
| Fixture flux | 696lm |
| Luminous efficacy | 90lm/W |
| Optical efficiency | 73% |

MWFL

| | |
|--------------------|--------|
| Fixture flux | 663lm |
| Luminous efficacy | 86lm/W |
| Optical efficiency | 70% |

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