TRACK PROJECTORS

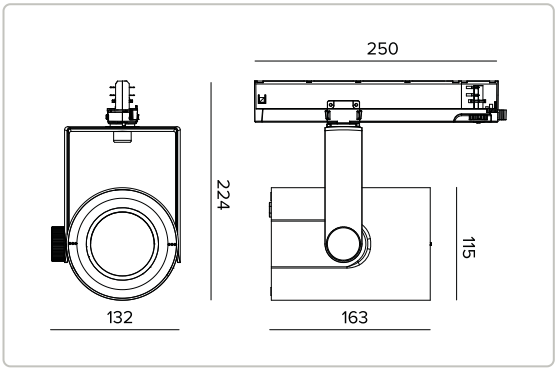
# Ray 115 Zoom DBS



Code
## T034DBS930CAPW

| LIGHT COLOUR | LIGHT DISTRIBUTION | OUTPUT |
|---|---|---|
| 3000K<br>90 | Zoom DBS<br>18°-53° | 24.8W<br>1619-1740lm |

| POWER SUPPLY CONTROL | COLOUR |
|---|---|
| 220-240Vac<br>CASAMBI | |




The figures on the drawing are expressed in mm.

1.2 IP20

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

## Technical Data

### Concept

Professional adjustable LED projector with a variable light beam opening.

### Source

| | |
|---|---|
| High efficiency Chip on Board LED Ra90. Ra97 on request. | |
| Energy efficiency class | D |
| Nominal power | 22W |
| Nominal flux | 2691lm |
| Colour rendering index | 90 |
| Rf | 92 |
| Rg | 101 |
| CCT nominal | 3000K |
| Lifetime (L80/B10) | 72000h tq +25°C |
| Lifetime (L90/B10) | 72000h tq +25°C |

TARGETTI

CCIAA Firenze
Share Capital: € 500.000,00
VAT N. (IT): 01537660480
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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

ZOOM DBS (Dynamic Beam Shaper) version: for a controlled zoom effect with CASAMBI. Optic with a PMMA TIR lens and a liquid crystal lens.

| | |
|---|---|
| Optic | Zoom DBS |
| Beam angles | SP-WFL |
| Optical efficiency | See photometries |
| Fixture flux | See photometries |
| Luminous efficacy | See photometries |
| Photobiological safety | Compliant with RG1 low risk group |

### Mechanical characteristics

Painted die-cast aluminium body. Black painted polycarbonate front ring. Adjustable from 0° to -90° on the vertical plane and 359° on the horizontal plane. Mechanical beam locking system on the vertical plane and friction beam locking system on the horizontal plane. The centre of gravity always remains in axis with the track regardless of the aiming.

| | |
|---|---|
| Colour and finish | Plaster white |
| Dimensions | ØxH 115x163mm |
| Weight | 1.2Kg |
| Degree of protection | IP20 |

### Electrical characteristics

CASAMBI electronic driver integrated into the track adapter.

| | |
|---|---|
| Fixture Power | 24.8W |
| Power supply | 220-240Vac 50/60Hz |
| Insulation Class | CLASS 2 |
| Type of driver / Control | CASAMBI |
| Driver included | YES |
| Ambient temperature | 0°C / +25°C |

### Installation

Electrified track mounting.

### Notes

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.

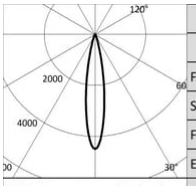
### Warning

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

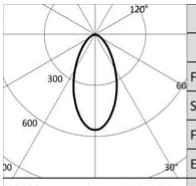
| | |
|---|---|
| **Fixture flux** | 1740lm |
| **Luminous efficacy** | 70lm/W |
| **Optical efficiency** | 64.66% |




| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 18° | |
| Fixture Power | 25W | 1 | 0.32 | 12070 |
| Source Flux | 2691lm | 2 | 0.64 | 3017 |
| Fixture Flux | 1740lm | 3 | 0.97 | 1341 |
| Efficacy | 70lm/W | 4 | 1.29 | 754 |
| TS1917 Imax=4485cd/klm | Imax 12070cd | 5 | 1.61 | 483 |

## FL

| | |
|---|---|
| **Fixture flux** | 1619lm |
| **Luminous efficacy** | 65lm/W |
| **Optical efficiency** | 60.14% |




| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 53° | |
| Fixture Power | 25W | 1 | 1.00 | 1509 |
| Source Flux | 2691lm | 2 | 1.99 | 377 |
| Fixture Flux | 1619lm | 3 | 2.99 | 168 |
| Efficacy | 65lm/W | 4 | 3.99 | 94 |
| TS1916 Imax=561cd/klm | Imax 1509cd | 5 | 4.99 | 60 |

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