TRACK PROJECTORS

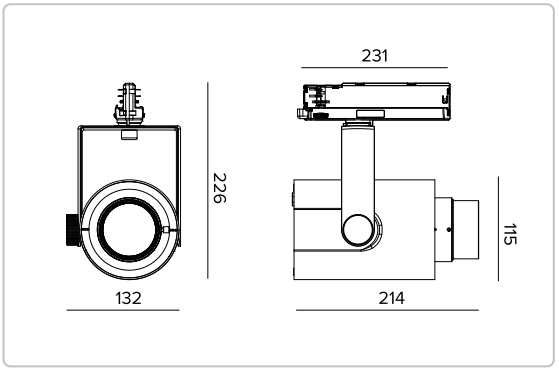
Ray 115 Zoom PRECISION



Code
T034ZMP930CADB

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
3000K 90	Zoom Precision 11°-31°	28.5W 525-1187lm

POWER SUPPLY CONTROL	COLOUR
220-240Vac CASAMBI	



The figures on the drawing are expressed in mm.

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	E
Nominal power	25W
Nominal flux	3214lm
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 PRECISION: a classic system with the lens at a variable distance from the source. Structure in satin black anodised aluminium. Plano convex lens in optical glass, a highly reflective anodised aluminium reflector, a holographic diffusing filter.

Optic	Zoom Precision
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

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	Deep black
Dimensions	ØxH 115x214mm
Weight	1.2Kg
Degree of protection	IP20

Electrical characteristics

CASAMBI electronic driver integrated into the track adapter.

Fixture Power	28.5W
Power supply	220-240Vac 50/60Hz
Insulation Class	CLASS 2
Type of driver / Control	CASAMBI
Driver included	YES
SAFE FLICKER	PstLM=<1 and SVM=<0.4 (IEC TR 61547-1 and IEC TR 63158), to ensure a more comfortable and safe light
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.

Technical Data

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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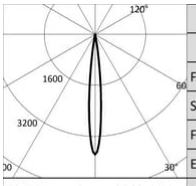
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Photometries

SP

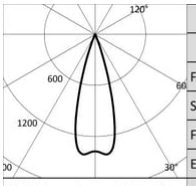
Fixture flux	525lm
Luminous efficacy	18lm/W
Optical efficiency	16.34%



3000K		H(m)	D(m)	Emax(lx)
Ra90			11°	
Fixture Power	29W	1	0.20	12090
Source Flux	3214lm	2	0.39	3023
Fixture Flux	525lm	3	0.59	1343
Efficacy	18lm/W	4	0.79	756
TS1693 Imax=3762cd/klm	Imax 12090cd	5	0.99	484

FL

Fixture flux	1187lm
Luminous efficacy	42lm/W
Optical efficiency	36.94%



3000K		H(m)	D(m)	Emax(lx)
Ra90			31°	
Fixture Power	29W	1	0.55	4491
Source Flux	3214lm	2	1.10	1123
Fixture Flux	1187lm	3	1.66	499
Efficacy	42lm/W	4	2.21	281
TS1694 Imax=1414cd/klm	Imax 4545cd	5	2.76	180

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