TRACK PROJECTORS

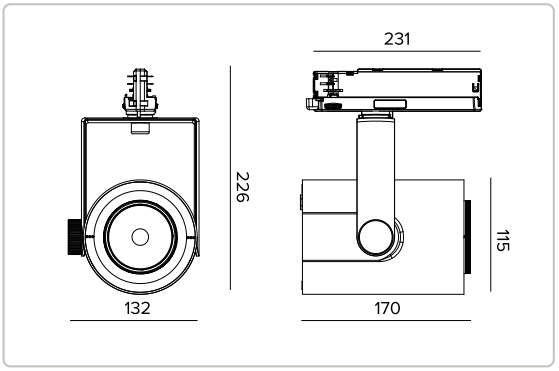
Ray 115 Zoom SMART



Code
T034ZMS940CADB

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
4000K 90	Zoom Smart 16°-43°	29.5W 2272-2346lm

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	26W
Nominal flux	3302lm
Colour rendering index	90
Rf	90
Rg	98
CCT nominal	4000K
Lifetime (L80/B10)	72000h tq +25°C
Lifetime (L90/B10)	72000h tq +25°C

TARGETTI

CCIAA Firenze
Share Capital: € 500.000,00
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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 SMART version: optic composed of two PMMA elements working together, a fixed TIR primary lens and a secondary adjustable one. Rotation of the second lens of just 14° covers the zoom range between minimum and maximum opening.

Optic	Zoom Smart
Beam angles	SP-MWFL
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 115x170mm
Weight	1.2Kg
Degree of protection	IP20

Electrical characteristics

CASAMBI electronic driver integrated into the track adapter.

Fixture Power	29.5W
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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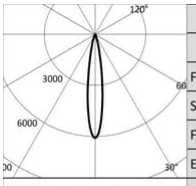
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Photometries

SP

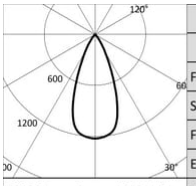
Fixture flux	2346lm
Luminous efficacy	80lm/W
Optical efficiency	71.05%



4000K		H(m)	D(m)	Emax(lx)
Ra90			16°	
Fixture Power	30W	1	0.28	20075
Source Flux	3302lm	2	0.57	5019
Fixture Flux	2346lm	3	0.85	2231
Efficacy	79lm/W	4	1.13	1255
TS1919 Imax=6080cd/klm	Imax 20075cd	5	1.42	803

FL

Fixture flux	2272lm
Luminous efficacy	77lm/W
Optical efficiency	68.82%



4000K		H(m)	D(m)	Emax(lx)
Ra90			43°	
Fixture Power	30W	1	0.79	4036
Source Flux	3302lm	2	1.58	1009
Fixture Flux	2272lm	3	2.37	448
Efficacy	77lm/W	4	3.16	252
TS1918 Imax=1222cd/klm	Imax 4036cd	5	3.96	161

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