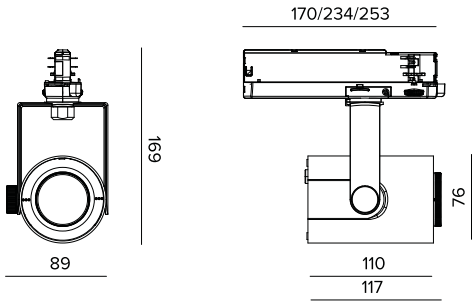
TRACK PROJECTORS

Ray 75 Zoom SMART

Code
T036ZMS930CADB

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
3000K 90	Zoom Smart 17°-50°	19.5W 1206-1266lm

POWER SUPPLY CONTROL	COLOUR
220-240Vac CASAMBI	



The figures on the drawing are expressed in mm.

0.53 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	F
Nominal power	17W
Nominal flux	1759lm
Colour rendering index	90
Rf	92
Rg	101
CCT nominal	3000K
Lifetime (L80/B10)	52000h tq +25°C
Lifetime (L90/B10)	52000h tq +25°C

TARGETTI

CCIAA Firenze
Share Capital: € 500.000,00
VAT N. (IT): 01537660480
R.E.A: FI-275656

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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 76x117mm
Weight	0.53Kg
Degree of protection	IP20

Electrical characteristics

CASAMBI electronic driver integrated into the track adapter.

Fixture Power	19.5W
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

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.

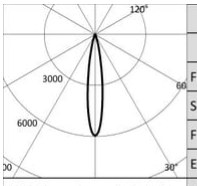
Warning

Luminaire designed for disposal/recycling at end-of-life. Replaceable (LED only) light source by a professional. Replaceable control gear by a professional.

Photometries

SP

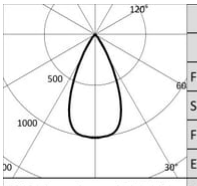
Fixture flux	1266lm
Luminous efficacy	65lm/W
Optical efficiency	71.99%



3000K		H(m)	D(m)	Emax(lx)
Ra90			17°	
Fixture Power	20W	1	0.29	10464
Source Flux	1759lm	2	0.58	2616
Fixture Flux	1266lm	3	0.88	1163
Efficacy	65lm/W	4	1.17	654
TS1931 Imax=5949cd/klm	Imax	10464cd	5	1.46	419

FL

Fixture flux	1206lm
Luminous efficacy	62lm/W
Optical efficiency	68.56%



3000K		H(m)	D(m)	Emax(lx)
Ra90			50°	
Fixture Power	20W	1	0.93	1779
Source Flux	1759lm	2	1.85	445
Fixture Flux	1206lm	3	2.78	198
Efficacy	62lm/W	4	3.71	111
TS1930 Imax=1011cd/klm	Imax	1779cd	5	4.63	71

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