TRACK PROJECTORS

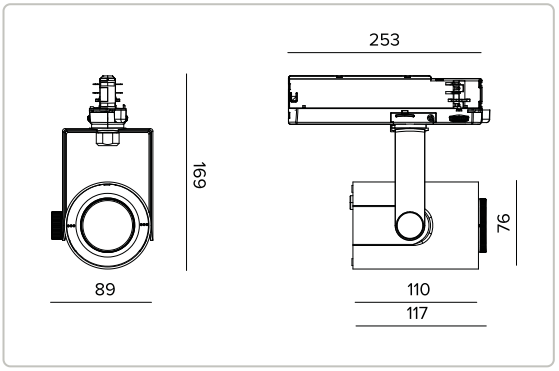
Ray 75 Zoom SMART



Code
T036ZMS940DADB

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
4000K 90	Zoom Smart 17°-50°	19.5W 1288-1353lm

POWER SUPPLY CONTROL	COLOUR
220-240Vac DALI	



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	1879lm
Colour rendering index	90
Rf	90
Rg	98
CCT nominal	4000K
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
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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

DALI 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	DALI
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.

Regulations and Certifications

CE

Warranty

5 years.

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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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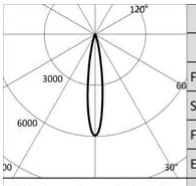
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Photometries

SP

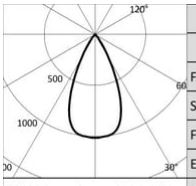
Fixture flux	1353lm
Luminous efficacy	69lm/W
Optical efficiency	71.99%



4000K		H(m)	D(m)	Emax(lx)
Ra90			17°	
Fixture Power	20W	1	0.29	11178
Source Flux	1879lm	2	0.58	2794
Fixture Flux	1353lm	3	0.88	1242
Efficacy	69lm/W	4	1.17	699
TS1931 Imax=5949cd/klm	Imax	11178cd	5	1.46	447

FL

Fixture flux	1288lm
Luminous efficacy	66lm/W
Optical efficiency	68.56%



4000K		H(m)	D(m)	Emax(lx)
Ra90			50°	
Fixture Power	20W	1	0.93	1900
Source Flux	1879lm	2	1.85	475
Fixture Flux	1288lm	3	2.78	211
Efficacy	66lm/W	4	3.71	119
TS1930 Imax=1011cd/klm	Imax	1900cd	5	4.63	76

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