TRACK PROJECTORS

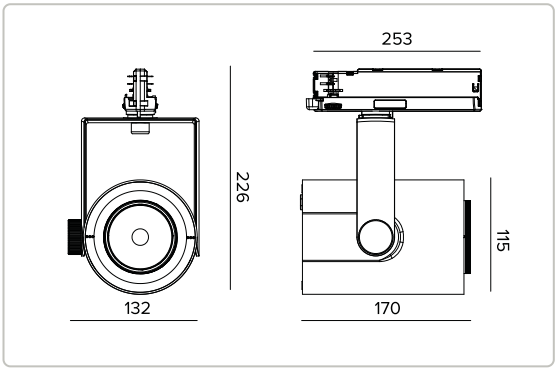
Ray 115 Zoom SMART



Code
T034ZMS930DADB

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
3000K 90	Zoom Smart 16°-43°	29.5W 2102-2170lm

POWER SUPPLY CONTROL	COLOUR
220-240Vac DALI	



The figures on the drawing are expressed in mm.

1.2 IP20 CE

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	26W
Nominal flux	3054lm
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
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 115x170mm
Weight	1.2Kg
Degree of protection	IP20

Electrical characteristics

DALI 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	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.

Regulations and Certifications

CE

Warranty

5 years.

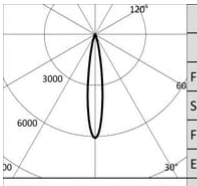
Warning

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

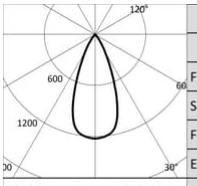
Fixture flux	2170lm
Luminous efficacy	74lm/W
Optical efficiency	71.05%



	3000K		H(m)	D(m)	Emax(lx)
	Ra90			16°	
Fixture Power	30W		1	0.28	18567
Source Flux	3054lm		2	0.57	4642
Fixture Flux	2170lm		3	0.85	2063
Efficacy	73lm/W		4	1.13	1160
TS1919	Imax=6080cd/klm	Imax	18567cd	5	1.42	743

FL

Fixture flux	2102lm
Luminous efficacy	71lm/W
Optical efficiency	68.82%



	3000K		H(m)	D(m)	Emax(lx)
	Ra90			43°	
Fixture Power	30W		1	0.79	3733
Source Flux	3054lm		2	1.58	933
Fixture Flux	2102lm		3	2.37	415
Efficacy	71lm/W		4	3.16	233
TS1918	Imax=1222cd/klm	Imax	3733cd	5	3.96	149

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