

## RAY MINI

1T4199

LIGHT SOURCE **LED MONOCHROMATIC** COLOUR TEMPERATURE **3000K** NUMBER OF LAMPS **1** POWER (SOURCE) **30W**  
 CRI **RA84** BEAM ANGLE **MWFL** COLOUR **DEEP BLACK** POWER SUPPLY TYPE **ELECTRONIC**  
 FEEDING VOLTAGE (V-AC) **220-240V-AC** INSULATION CLASS **CLASS 1** GLOBAL IP OR HOUSING **IP20** F CLASS **YES**  
 CERTIFICATIONS **ENEC** LIGHT EFFECTS **FLOOD LIGHTING**



### CONCEPT

Professional adjustable LED projector.

### MATERIALS

Die-cast aluminium body painted with deep black or plaster-white finish. Front ring made of black polycarbonate, high temperature plastic polymer. Adjustable from 0° to -90° in the vertical plane and 359° in the horizontal plane. Mechanical aiming lock in the vertical plane and blocking equipped with a friction system in the horizontal plane. The centre of gravity always remains in axis with the track irrespective of where it is aimed.

### OPTIC

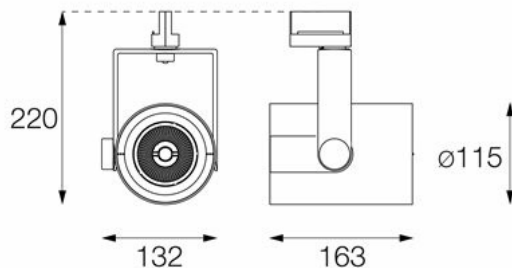
High efficiency LED Chip on Board Ra 84/Ra 97. Metallised polycarbonate precision optic with ellipsoidal convex facets.

### INSTALLATION

Electrified track mounting.

### POWER SUPPLY

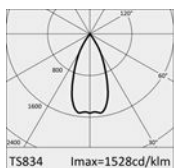
Electronic and DALI driver built into luminaire body. 220-240V-AC 50/60Hz



All the measures are expressed in mm

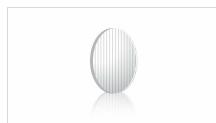
## Photometries

3000K Ra84		H(m)	D(m)	Emax(lx)
				45°
Fixture Power	33W			
Source Flux	4072lm	1	0.84	6191
Fixture Flux	3539lm	2	1.67	1548
Efficacy	107lm/W	3	2.51	688
		4	3.35	387
Imax	6222cd	5	4.18	248



# Accessory Codes

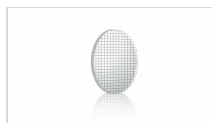
## Optical



**1T1708**

**Filter**

Parallel ribbed glass light blade filter. This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent. To be completed with additional holder ring for Cloud, Ray Mini, Magma, Store and Keplero Mini HE. Diameter 70 mm.



**1T1709**

**Filter**

Wired refractive flat glass diffusive filter. This softens the luminous effect. To be completed with additional holder ring for Cloud, Ray Mini, Magma and Store. Diameter 70 mm.



**1T1712**

**Filter**

Interference flat glass chromatic filter. Red. To be completed with additional holder ring for Cloud, Ray Mini, Magma, Store and Keplero Mini HE. Diameter 70 mm.



**1T1713**

**Filter**

Interference flat glass chromatic filter. Green. To be completed with additional holder ring for Cloud, Ray Mini, Magma, Store and Keplero Mini HE. Diameter 70 mm.



**1T1714**

**Filter**

Interference flat glass chromatic filter. Blue. To be completed with additional holder ring for Cloud, Ray Mini, Magma, Store and Keplero Mini HE. Diameter 70 mm.



**1T1715**

**Filter**

Interference flat glass chromatic filter. Yellow. To be completed with additional holder ring for Cloud, Ray Mini, Magma, Store and Keplero Mini HE. Diameter 70 mm.



**1T1716**

**Filter**

Interference flat glass chromatic filter. Magenta. To be completed with additional holder ring for Cloud, Ray Mini, Magma, Store and Keplero Mini HE. Diameter 70 mm.



**1T6510**

**Filter**

Food filter. Interference glass filter to vary the colour temperature of light. Diameter 70 mm. Bread. To be completed with additional holder ring for Cloud, Ray Mini, Store.



**1T6512**

**Filter**

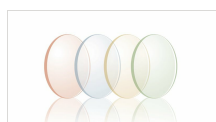
Beauty filter. Interference glass filter to vary the colour temperature of light. Diameter 70 mm. Beauty. To be completed with additional holder ring for Cloud, Ray Mini, Store.



**1T6511**

**Filter**

Food filter. Interference glass filter to vary the colour temperature of light. Diameter 70 mm. Vegetable. To be completed with additional holder ring for Cloud, Ray Mini, Store.



**1T6509**

**Filter**

Food filter. Interference glass filter to vary the colour temperature of light. Diameter 70 mm. Fish. To be completed with additional holder ring for Cloud, Ray Mini, Store.



**1T6507**

**Filter**

Art filter. Interference glass filter to vary the colour temperature of light. Diameter 70 mm. Vivid +. To be completed with additional holder ring for Cloud, Ray Mini, Store.



### 1T6508

#### Filter

Food filter. Interference glass filter to vary the colour temperature of light. Diameter 70 mm. Meat. To be completed with additional holder ring for Cloud, Ray Mini, Store.



### 1T6506

#### Filter

Art filter. Interference glass filter to vary the colour temperature of light. Diameter 70 mm. Halogen +. To be completed with additional holder ring for Cloud, Ray Mini, Store.



### 1T1711

#### Grid

Anti-glare grid. Black lacquered metal honeycomb structure. To be completed with additional holder ring for Cloud, Ray Mini, Store and Keplero Mini HE. Diameter 70 mm. Max HIT-Tc-CE 35W.



### 1T3143

#### Ray Shade

Asymmetric screen in anodized diffusive aluminum, black painted outside. Complete with blade light filter. Ideal for a wall washer effect. To be combined with spot and flood optics. Diameter 80 mm.



### 1T3432

#### Zoom

Zoom. Optical system consists of flat convex lens in optical glass, specular reflector in anodized aluminium and diffusive holographic filter. To be used after removing the existing optic. It allows to obtain a variable beam from 15° to 60°. It can not be used with NSP and hybrid optics. Diameter 80 mm.



### 1T3142

#### Cut-Off

Cut-off Tube. Allows for the beam to be focused while removing the fall-off component. Diameter 80 mm.

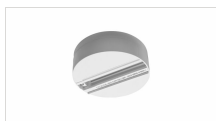


### 1T6522

#### Screen

Protective screen. Diameter 80 mm.

## Electrical



### 1T2220

#### Adapter

Ceiling mounting adapter for electrified track type projectors. Black. Electronic. Dimension Ø100 H32.



### 1T2221

#### Adapter

Ceiling mounting adapter for electrified track type projectors. White. Electronic. Dimension Ø100 H32.



### 1T2222

#### Adapter

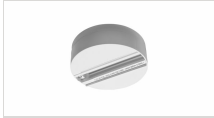
Recessed mounting adapter for electrified track type projectors. Black. Electronic. Dimension Ø130 H60. Recess hole diameter 105/125 mm. To be completed with 1T2220.



### 1T2223

#### Adapter

Recessed mounting adapter for electrified track type projectors. White. Electronic. Dimension Ø130 H60. Recess hole diameter 105/125 mm. To be completed with 1T2221.



### 1T2219

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#### Adapter

Ceiling mounting adapter for electrified track type projectors. Aluminium. Electronic. Dimension Ø100 H32.



### 1T2224

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#### Adapter

Recessed mounting adapter for electrified track type projectors. Aluminium. Electronic. Dimension Ø130 H60. Recess hole diameter 105/125 mm. To be completed with 1T2219.

## Installation



### 1T3727

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#### Holder Ring

Black painted aluminium holder ring for the accessories.