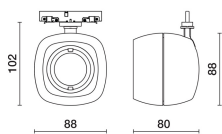
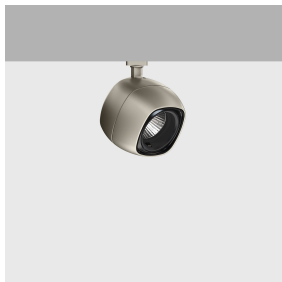


Last information update: June 2025

Product configuration: 513B

513B: Spot Projector LV Ø 88 - DALI Powerline - Reflector

**Product code**

513B: Spot Projector LV Ø 88 - DALI Powerline - Reflector

Technical description

Miniaturised adjustable projector complete with adapter for installation on 48V Filorail low voltage track. Body composed of the coupling of two painted die-cast aluminium shells, track connection bracket in painted zamak. Passive dissipation system ideal to guarantee a long lifespan and effective heat management. The thermoplastic adapter includes the DC/DC driver circuit with DALI dimmable function. The integrated «Powerline» technology allows each projector inserted on the track to be independently regulated. The projector joints allow rotation of 360° and inclination of 90°. The optical unit in a recessed position guarantees high visual comfort. Scratch-resistant reflector made of P.V.D (Physical Vapour Deposition) aluminium able to provide excellent performance in terms of luminous efficiency. Rapid electrical and mechanical connection system of the adapter on the track without the need for tools. Projector with Push&Go system designed to safely facilitate and speed up the coupling between product and optical accessory. The mechanical disconnection allows the accessory to be unhooked but not to fall. Possibility of using three internal and one external accessories at the same time. All internal and external accessories can be rotated 360° with respect to the longitudinal axis of the projector.

Installation

Installation on Filorail track.

Colour

White (01) | Titanium (N8) | Matte Black (V0)

Mounting

Low voltage track

Wiring

LED driver integrated in the adapter - direct connection on the 48V track. Track power supply unit to be ordered separately.

Notes

The front frame (mandatory aesthetic accessory) must be purchased separately.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	1679.1	MacAdam Step:	2
W system:	16.8	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25C)
Im source:	1930	Voltage [Vin]:	48
W source:	16	Lamp code:	LED
Luminous efficiency (Im/W, real value):	99.95	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0.0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	87	LED current [mA]:	0.45
Beam angle [°]:	50°	Power factor:	See installation instructions
CRI:	90	Overvoltage protection:	0kV Common mode & 0kV Differential mode
Colour temperature [K]:	3000	Control:	DALI