

Laser Blade XS

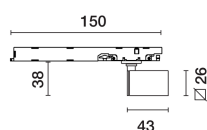
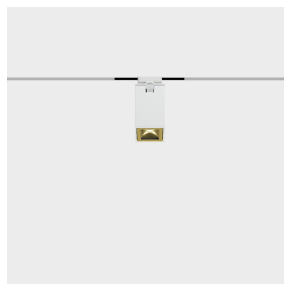
Design iGuzzini

iGuzzini

Last information update: May 2025

Product configuration: 277B

277B: LB XS for 48V Filorail track - adjustable - HC 1 spotlight - Flood beam



Product code

277B: LB XS for 48V Filorail track - adjustable - HC 1 spotlight - Flood beam

Technical description

Miniaturised adjustable spotlight with adapter for installation on a 48V low voltage track. The adapter is made of a thermoplastic material and includes a driver circuit with PWM (Pulse with modulation) technology. The integrated PWM technology allows the light intensity to be adjusted by creating the effect of a dimmed light without altering the quality of the light. Despite the ultracompact size of the product, the patented technology of the optic system guarantees an efficient flux and a high level of visual comfort. Metallised thermoplastic high definition Opti-Beam reflector. Extruded aluminium body and die-cast zamak technical dissipation and rotation units. Spotlight swivel movements: 355° rotation and 90° tilt. A rapid tool-free system for connecting the adapter electrically and mechanically to the track.

Installation

Mechanical fastening with adapter on track.

Colour

White (01) | Black / Black (43) | Black / White (47) | White/Gold (41)* | Black/gold (44)* | White / burnished chrome (E7)* | Black/burnished chrome (F1)*

* Colours on request

Mounting

Low voltage track

Wiring

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

Notes

The miniaturized projectors use the DALI Broadcast protocol and can only be installed on the straight section of the track.

Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	168.0	Colour temperature [K]:	3000
W system:	2.9	MacAdam Step:	3
Im source:	200	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25C)
W source:	1.6	Voltage [Vin]:	48
Luminous efficiency (Im/W, real value):	57.93	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0.0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	84	Number of optical assemblies:	1
Beam angle [°]:	44°	LED current [mA]:	0.55
CRI:	90	Control:	PWM