

Laser Blade XS

Design iGuzzini

iGuzzini

Last information update: June 2025

Product configuration: EK50.01

EK50.01: Linear module LB XS for 48V track - HC 5 cells - Flood beam - 11.4W 1037.5lm - 4000K - White

Product code

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Technical description

Fixed linear module with 5 optic elements complete with adapter for installation on a 48V low voltage track. The adapter made of a thermoplastic material includes the DC/DC driver circuit with a DALI dimmable function. Integrated «power line» technology allows each light module on the track to be adjusted separately. Fixed optics with metallised thermoplastic high definition Opti-Beam reflectors. Despite the ultracompact size of the product, the patented technology of the optic system guarantees an efficient luminous flux and a high level of controlled glare visual comfort. Extruded aluminium main body and technical dissipation unit. A rapid tool-free system for connecting the adapter electrically and mechanically to the track. High efficiency value Neutral White LED (lm/W).

Installation

Mechanical fastening with adapter on track.

Colour

White (01)

Weight (Kg)

0.16

Mounting

Low voltage track

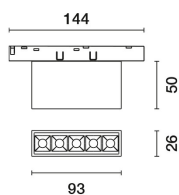
Wiring

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

Complies with EN60598-1 and pertinent regulations



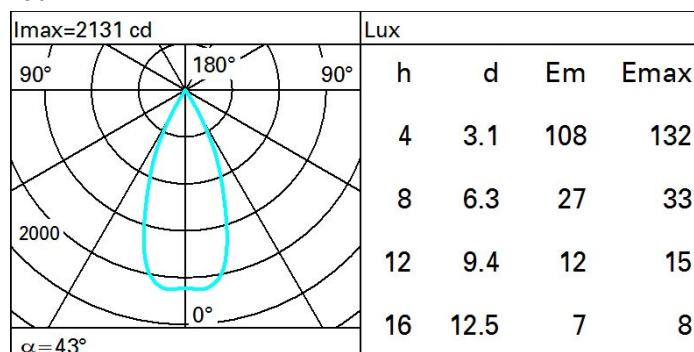
IP20



Technical data

lm system:	1038	Colour temperature [K]:	4000
W system:	11.4	MacAdam Step:	2
lm source:	1250	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W source:	10	Lamp code:	LED
Luminous efficiency (lm/W, real value):	91	Number of lamps for optical assembly:	1
lm in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	83	LED current [mA]:	700
Beam angle [°]:	43°	Power factor:	See installation instructions
CRI (minimum):	80	Minimum dimming %:	5
Rf (Colour Fidelity Index):	83	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Rg (Gamut Index):	92	Control:	DALI

Polar



Isolux

