

Laser Blade XS

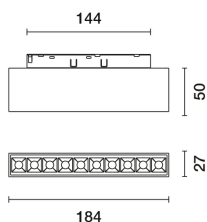
Design iGuzzini

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Last information update: May 2025

Product configuration: EK51.01

EK51.01: Linear module LB XS for 48V track - HC 10 cells - Flood beam - 21.7W 2033.5lm - 4000K - White



Product code

EK51.01: Linear module LB XS for 48V track - HC 10 cells - Flood beam - 21.7W 2033.5lm - 4000K - White

Technical description

Fixed linear module with 10 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)

0.32

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



Technical data

lm system:	2034	MacAdam Step:	2
W system:	21.7	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
lm source:	2450	Lamp code:	LED
W source:	20	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	93.7	ZVEI Code:	LED
lm in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	0	LED current [mA]:	700
Light Output Ratio (L.O.R.) [%]:	83	Power factor:	See installation instructions
Beam angle [°]:	43°	Minimum dimming %:	5
CRI (minimum):	80	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Rf (Colour Fidelity Index):	83	Dimming mode:	CCR
Rg (Gamut Index):	92	Control:	DALI
Colour temperature [K]:	4000		

Polar

Lux			
h	d	Em	Emax
4	3.1	212	259
8	6.3	53	65
12	9.4	24	29
16	12.5	13	16

Isolux

