

Laser Blade XS

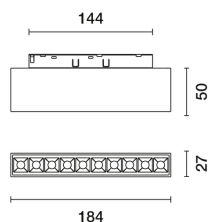
Design iGuzzini

iGuzzini

Last information update: May 2025

Product configuration: Q914.01

Q914.01: Linear module LB XS for 48V track - GL Pro 10 cells - 21.7W 1552.5lm - 4000K - CRI 90 - White



Product code

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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 optimised by a special diffuser screen that reduces direct glare significantly. Extruded aluminium main body and technical dissipation unit. 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)

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.

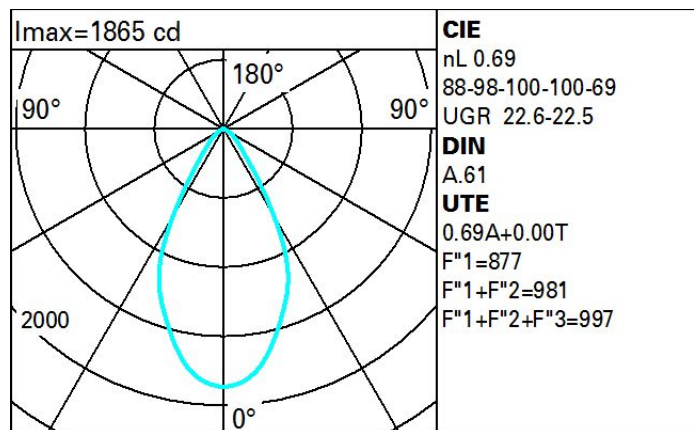
Complies with EN60598-1 and pertinent regulations



Technical data

lm system:	1552	MacAdam Step:	2
W system:	21.7	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
lm source:	2250	Lamp code:	LED
W source:	20	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	71.5	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.) [%]:	69	Power factor:	See installation instructions
CRI (minimum):	90	Minimum dimming %:	5
Rf (Colour Fidelity Index):	92	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Rg (Gamut Index):	98	Dimming mode:	CCR
Colour temperature [K]:	4000	Control:	DALI

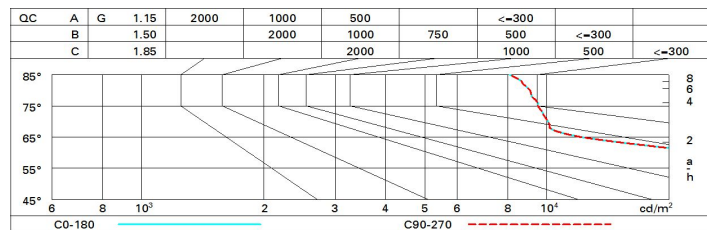
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	58	54	51	49	54	51	51	48	69
1.0	62	58	55	53	57	55	54	52	75
1.5	66	63	61	59	62	60	60	57	83
2.0	69	66	65	63	65	64	63	61	88
2.5	70	68	67	66	67	66	65	63	92
3.0	71	70	69	68	69	68	67	65	94
4.0	72	71	70	70	70	69	68	66	96
5.0	73	72	71	71	71	70	69	67	97

Luminance curve limit



UGR diagram

Corrected UGR values (at 2250 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	22.0	23.2	22.9	23.5	23.7	22.0	23.2	22.9	23.5	23.7
	3H	22.0	23.1	22.9	23.4	23.7	22.0	23.2	22.9	23.4	23.7
	4H	22.0	23.1	22.9	23.4	23.7	22.0	23.1	22.9	23.4	23.7
	6H	22.5	23.0	22.9	23.3	23.7	22.5	23.0	22.8	23.3	23.6
	8H	22.5	23.0	22.9	23.3	23.7	22.5	22.9	22.8	23.3	23.6
	12H	22.5	23.0	22.9	23.3	23.7	22.4	22.9	22.8	23.2	23.6
4H	2H	22.0	23.1	22.9	23.4	23.7	22.0	23.1	22.9	23.4	23.7
	3H	22.0	23.0	22.9	23.3	23.7	22.0	23.1	23.0	23.4	23.7
	4H	22.0	23.0	23.0	23.3	23.7	22.0	23.0	23.0	23.3	23.7
	6H	22.0	22.9	23.0	23.3	23.7	22.5	22.9	22.9	23.3	23.7
	8H	22.0	22.9	23.0	23.3	23.7	22.5	22.8	22.9	23.2	23.7
	12H	22.5	22.8	23.0	23.3	23.7	22.4	22.7	22.9	23.2	23.6
8H	4H	22.5	22.8	22.9	23.2	23.7	22.0	22.9	23.0	23.3	23.7
	6H	22.5	22.8	23.0	23.2	23.7	22.5	22.8	23.0	23.3	23.7
	8H	22.5	22.8	23.0	23.2	23.7	22.5	22.8	23.0	23.2	23.7
	12H	22.5	22.7	23.0	23.2	23.7	22.5	22.7	23.0	23.2	23.7
12H	4H	22.4	22.7	22.9	23.2	23.6	22.5	22.8	23.0	23.3	23.7
	6H	22.5	22.7	23.0	23.2	23.7	22.5	22.8	23.0	23.2	23.7
	8H	22.5	22.7	23.0	23.2	23.7	22.5	22.7	23.0	23.2	23.7
Variations with the observer position at spacing:											
S =		1.0H					2.4 / -2.2				
		1.5H					4.5 / -4.7				
		2.0H					6.3 / -6.0				