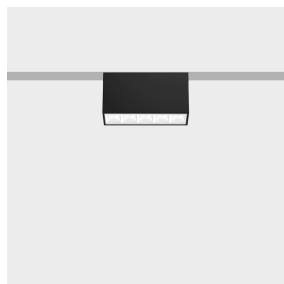


Last information update: April 2024

Product configuration: Q913

Q913: Linear module LB XS for 48V track - GL Pro 5 cells

**Product code**

Q913: Linear module LB XS for 48V track - GL Pro 5 cells

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 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) | Black/white (F2)

Weight (Kg)

0.16

Mounting

Low voltage track

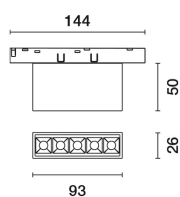
Wiring

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

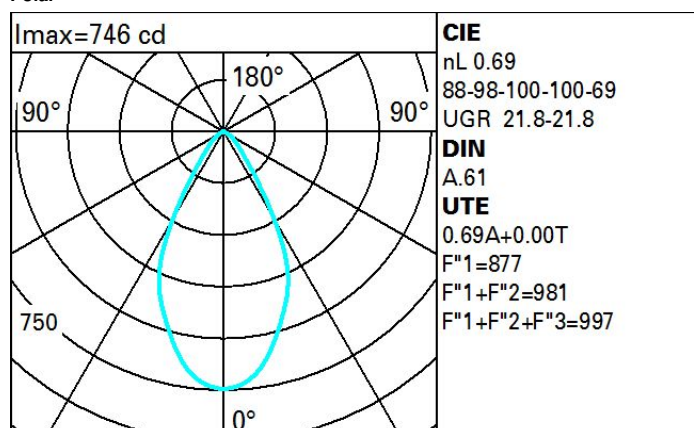
Complies with EN60598-1 and pertinent regulations



IP20

**Technical data**

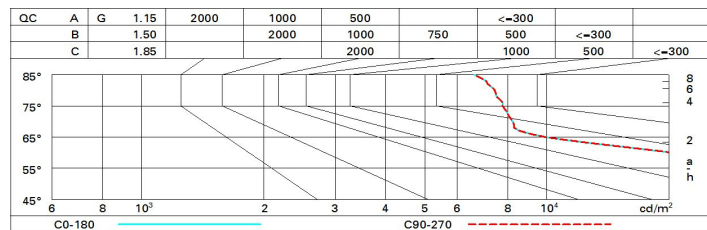
Im system:	621	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W system:	11.4	Lamp code:	LED
Im source:	900	Number of lamps for optical assembly:	1
W source:	10	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	54.5	Number of optical assemblies:	1
Im in emergency mode:	-	LED current [mA]:	700
Total light flux at or above an angle of 90° [Lm]:	0	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	69	Minimum dimming %:	5
CRI (minimum):	90	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Colour temperature [K]:	2700	Control:	DALI
MacAdam Step:	2		

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 900 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	21.9	22.6	22.2	22.9	23.1	21.9	22.6	22.2	22.9	23.1
	3H	21.9	22.5	22.2	22.8	23.1	21.9	22.5	22.2	22.8	23.1
	4H	21.8	22.5	22.2	22.7	23.1	21.8	22.4	22.2	22.7	23.0
	6H	21.8	22.4	22.2	22.7	23.0	21.8	22.3	22.1	22.6	23.0
	8H	21.8	22.3	22.2	22.7	23.0	21.7	22.3	22.1	22.6	22.9
	12H	21.8	22.3	22.2	22.6	23.0	21.7	22.2	22.1	22.6	22.9
4H	2H	21.8	22.4	22.2	22.7	23.0	21.8	22.5	22.2	22.7	23.1
	3H	21.8	22.4	22.2	22.7	23.0	21.9	22.4	22.3	22.7	23.1
	4H	21.8	22.3	22.2	22.7	23.0	21.8	22.3	22.2	22.7	23.0
	6H	21.9	22.2	22.3	22.6	23.1	21.8	22.2	22.2	22.6	23.0
	8H	21.8	22.2	22.3	22.6	23.1	21.8	22.1	22.2	22.5	23.0
	12H	21.8	22.2	22.3	22.6	23.1	21.7	22.1	22.2	22.5	22.9
8H	4H	21.8	22.1	22.2	22.5	23.0	21.8	22.2	22.3	22.6	23.1
	6H	21.8	22.1	22.3	22.6	23.0	21.8	22.1	22.3	22.6	23.1
	8H	21.8	22.1	22.3	22.5	23.0	21.8	22.1	22.3	22.5	23.0
	12H	21.8	22.0	22.3	22.5	23.1	21.8	22.0	22.3	22.5	23.0
12H	4H	21.7	22.1	22.2	22.5	22.9	21.8	22.2	22.3	22.6	23.1
	6H	21.8	22.0	22.3	22.5	23.0	21.8	22.1	22.3	22.6	23.0
	8H	21.8	22.0	22.3	22.5	23.0	21.8	22.0	22.3	22.5	23.1
Variations with the observer position at spacing:											
S =	1.0H	2.4 / -2.2					2.4 / -2.2				
	1.5H	4.5 / -4.7					4.5 / -4.7				
	2.0H	6.3 / -6.0					6.3 / -6.0				