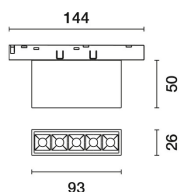


Last information update: May 2018



Linear module LB XS for 48V track - HC 5 cells - Flood beam

Product code

Q906

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.

Installation

Mechanical fastening with adapter on track.

Dimension (mm)

142x26x50

Colour

White (01) | White/Brass (41) | Black/Black (43) | (44) | Black/White (47) | (E7) | (F1)

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



Product configuration: Q906

Product characteristics

Total lighting output [Lm]: 664
Total power [W]: 11.4
Luminous efficacy [Lm/W]: 58.2
Life Time: > 50,000h - L80 - B10 (Ta 25°C)

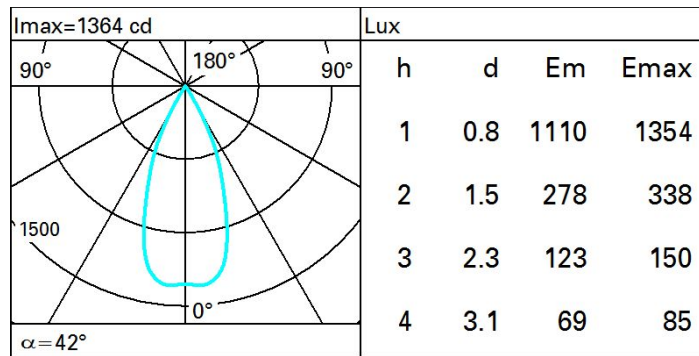
Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: -
Number of optical assemblies: 1

Optical assembly Characteristics Type 1

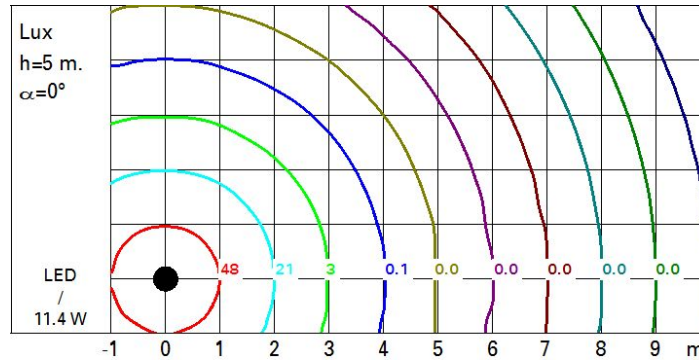
Light Output Ratio (L.O.R.) [%]: 83
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 9.8
Nominal luminous [Lm]: 800
Lamp maximum intensity [cd]: /
Beam angle [°]: 42°

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 1.6
Colour temperature [K]: 3000
CRI: 90
Wavelength [nm]: /
MacAdam Step: 3

Polar



Isolux



UGR diagram

Corrected UGR values (at 800 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
		viewed crosswise					viewed endwise				
2H	2H	6.8	7.3	7.0	7.5	7.7	6.8	7.3	7.0	7.5	7.7
	3H	6.6	7.1	7.0	7.3	7.6	6.6	7.1	7.0	7.3	7.6
	4H	6.6	7.0	6.9	7.3	7.6	6.6	7.0	6.9	7.3	7.6
	6H	6.5	6.9	6.8	7.2	7.5	6.5	6.9	6.8	7.2	7.5
	8H	6.5	6.8	6.8	7.2	7.5	6.5	6.8	6.8	7.1	7.5
	12H	6.4	6.8	6.8	7.1	7.5	6.4	6.8	6.8	7.1	7.5
4H	2H	6.6	7.0	6.9	7.3	7.6	6.6	7.0	6.9	7.3	7.6
	3H	6.4	6.8	6.8	7.1	7.5	6.4	6.8	6.8	7.1	7.5
	4H	6.3	6.6	6.7	7.0	7.4	6.3	6.6	6.7	7.0	7.4
	6H	6.3	6.5	6.7	6.9	7.3	6.2	6.5	6.7	6.9	7.3
	8H	6.2	6.5	6.6	6.9	7.3	6.2	6.4	6.6	6.9	7.3
	12H	6.2	6.4	6.6	6.8	7.3	6.2	6.4	6.6	6.8	7.3
8H	4H	6.2	6.4	6.6	6.9	7.3	6.2	6.5	6.6	6.9	7.3
	6H	6.1	6.3	6.6	6.8	7.2	6.1	6.3	6.6	6.8	7.2
	8H	6.1	6.2	6.6	6.7	7.2	6.1	6.2	6.6	6.7	7.2
	12H	6.0	6.2	6.5	6.7	7.2	6.0	6.2	6.5	6.7	7.2
12H	4H	6.2	6.4	6.6	6.8	7.3	6.2	6.4	6.6	6.8	7.3
	6H	6.1	6.2	6.5	6.7	7.2	6.1	6.3	6.6	6.7	7.2
	8H	6.0	6.2	6.5	6.7	7.2	6.0	6.2	6.5	6.7	7.2
Variations with the observer position at spacing:											
S =		7.0 / -14.5					7.0 / -14.5				
		9.8 / -14.7					9.8 / -14.7				
		11.8 / -14.8					11.8 / -14.8				