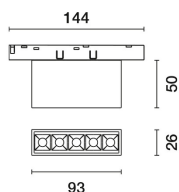


Last information update: May 2018

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

Q907

**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: Q907****Product characteristics**

Total lighting output [Lm]: 623  
Total power [W]: 11.4  
Luminous efficacy [Lm/W]: 54.6  
Life Time: > 50,000h - L80 - B10 (Ta 25°C)

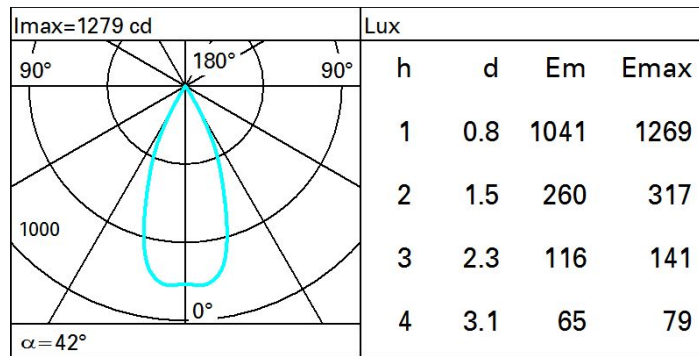
Total luminous flux at or above an angle of 90° [Lm]: 0  
Emergency luminous flux [Lm]: /  
Voltage [V]: -  
Number of optical assemblies: 1

**Optical assembly Characteristics Type 1**

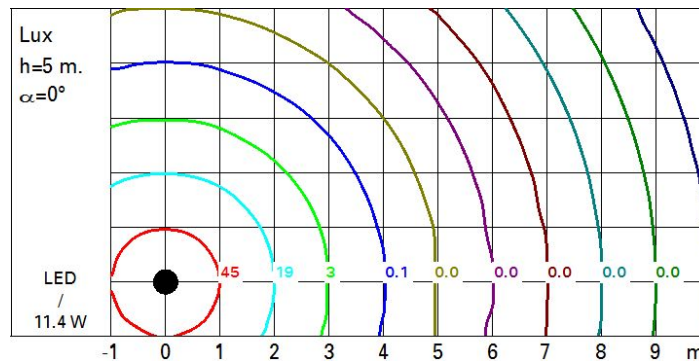
Light Output Ratio (L.O.R.) [%]: 83  
Lamp code: LED  
ZVEI Code: LED  
Nominal power [W]: 9.8  
Nominal luminous [Lm]: 750  
Lamp maximum intensity [cd]: /  
Beam angle [°]: 42°

Number of lamps for optical assembly: 1  
Socket: /  
Ballast losses [W]: 1.6  
Colour temperature [K]: 2700  
CRI: 90  
Wavelength [nm]: /  
MacAdam Step: 3

### Polar



### Isolux



### UGR diagram

Corrected UGR values (at 750 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	0.6	7.0	0.8	7.3	7.5	0.6	7.0	0.8	7.3	7.5
	3H	0.4	0.9	0.7	7.1	7.4	0.4	0.9	0.7	7.1	7.4
	4H	0.4	0.8	0.7	7.0	7.3	0.4	0.8	0.7	7.0	7.3
	6H	0.3	0.7	0.6	7.0	7.3	0.3	0.6	0.6	7.0	7.3
	8H	0.2	0.6	0.6	0.9	7.3	0.2	0.6	0.6	0.9	7.3
	12H	0.2	0.6	0.6	0.9	7.2	0.2	0.5	0.6	0.9	7.2
4H	2H	0.4	0.8	0.7	7.0	7.3	0.4	0.8	0.7	7.0	7.3
	3H	0.2	0.5	0.6	0.9	7.2	0.2	0.5	0.6	0.9	7.2
	4H	0.1	0.4	0.5	0.8	7.2	0.1	0.4	0.5	0.8	7.2
	6H	0.0	0.3	0.5	0.7	7.1	0.0	0.3	0.4	0.7	7.1
	8H	0.0	0.2	0.4	0.6	7.1	0.0	0.2	0.4	0.6	7.1
	12H	5.9	0.2	0.4	0.6	7.1	5.9	0.2	0.4	0.6	7.0
8H	4H	0.0	0.2	0.4	0.6	7.1	0.0	0.2	0.4	0.6	7.1
	6H	5.9	0.1	0.4	0.5	7.0	5.9	0.1	0.4	0.5	7.0
	8H	5.8	0.0	0.3	0.5	7.0	5.8	0.0	0.3	0.5	7.0
	12H	5.8	0.0	0.3	0.4	7.0	5.8	5.9	0.3	0.4	0.9
12H	4H	5.9	0.2	0.4	0.6	7.0	5.9	0.2	0.4	0.6	7.1
	6H	5.8	0.0	0.3	0.5	7.0	5.9	0.0	0.3	0.5	7.0
	8H	5.8	5.9	0.3	0.4	0.9	5.8	0.0	0.3	0.4	7.0
Variations with the observer position at spacing:											
S =		7.0 / -14.5					7.0 / -14.5				
		1.5H					9.8 / -14.7				
		2.0H					11.8 / -14.8				