Design iGuzzini iGuzzini

Last information update: April 2024

Product configuration: Q911

Q911: Linear module LB XS for 48V track - GL Pro 5 cells



144

93

#### Product code

Q911: 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
 Weight (Kg)

 White (01) | Black/white (F2)
 0.16



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







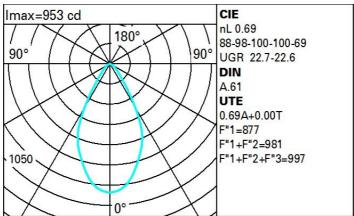






Technical data Life Time LED 1: Im system: > 50,000h - L80 - B10 (Ta 25°C) 793 W system: 11.4 Lamp code: Number of lamps for optical 1 1150 Im source: assembly: W source: LED Luminous efficiency (lm/W, 69.6 ZVEI Code: real value): Number of optical assemblies: Im in emergency mode: 700 LED current [mA]: Total light flux at or above See installation instructions an angle of 90° [Lm]: Power factor: Light Output Ratio (L.O.R.) 69 Minimum dimming %: 2kV Common mode & 1kV [%]: Overvoltage protection: CRI (minimum): 90 Differential mode Colour temperature [K]: 4000 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

QC	Α	G	1.15	2000	1000	500		<=300		
	В		1.50		2000	1000	750	500	<=300	
	С		1.85			2000		1000	500	<=300
85°										8 6 4
65°									L	2
										a
55°										h
45°	6	8	10 <sup>3</sup>		2	3 4	5 6	8 10		

walls         0.50         0.30         0.50         0.30         0.50         0.30         0.50         0.30         0.50         0.30         0.50         0.30         0.50         0.30         0.50         0.30         0.50         0.30         0.50         0.30         0.50         0.30         0.50         0.30         0.50         0.30         0.50         0.30         0.50         0.30         0.50         0.21         0.21         0.21         0.21 <th></th> <th></th> <th></th> <th></th> <th></th> <th>3375350</th> <th></th> <th>lamp lu</th> <th></th> <th>8658,6255</th> <th>A A STATE OF SELECT</th> <th>100000000000000000000000000000000000000</th> <th>State of the</th>						3375350		lamp lu		8658,6255	A A STATE OF SELECT	100000000000000000000000000000000000000	State of the
walls         0.50         0.30         0.50         0.30         0.50         0.30         0.50         0.30         0.50         0.30         0.50         0.30         0.50         0.30         0.50         0.30         0.50         0.30         0.50         0.30         0.50         0.30         0.50         0.30         0.50         0.30         0.50         0.30         0.50         0.30         0.50         0.21         0.21         0.21         0.21 <th></th> <th>et.:</th> <th>Rifled</th>												et.:	Rifled
work pl. Room dim X         0 20 viewed crosswise         0 20 viewed endwise         0 20 viewed endwise         0 20 viewed endwise         0 20 viewed viewed endwise         0 20 viewed endw	50 0	0.50	0.50	.70	(	0.70	0.30	0.50	0.50	0.70	0.70	av	ce il/c
Room dim	30 0	0.30	0.50	.30	(	0.50	0.30	0.30	0.50	0.30	0.50		walls
x         y         crosswise         endwise           2H         2H         22.7         23.5         23.0         23.7         24.0         22.7         23.5         23.0         2           3H         22.7         23.4         23.0         23.6         23.9         22.7         23.4         23.1         2           4H         22.7         23.2         23.0         23.5         23.9         22.6         23.2         23.0         2           8H         22.7         23.2         23.0         23.5         23.9         22.6         23.1         23.0         2           12H         22.6         23.2         23.0         23.5         23.9         22.6         23.1         23.0         2           4H         2H         22.7         23.3         23.0         23.5         23.9         22.5         23.1         22.9         2           4H         2H         22.7         23.3         23.0         23.5         23.9         22.7         23.3         23.0         2           3H         22.7         23.1         23.1         23.5         23.9         22.7         23.3	20 0	0.20	0.20	.20	1	0.20	0.20	0.20	0.20	0.20	0.20	pl.	work
2H			viewed						viewed			n dim	Roon
3H 22.7 23.4 23.0 23.6 23.9 22.7 23.4 23.1 23.6 23.9 22.7 23.3 23.0 23.6 23.9 22.7 23.3 23.0 23.6 23.9 22.7 23.3 23.0 23.6 23.9 22.6 23.2 23.0 23.5 23.9 22.6 23.2 23.0 23.5 23.9 22.6 23.1 23.0 23.5 23.9 22.6 23.1 23.0 23.5 23.9 22.5 23.1 22.9 23.1 22.9 23.1 23.0 23.5 23.9 22.5 23.1 22.9 23.1 23.0 23.5 23.9 22.5 23.1 22.9 23.1 23.1 23.0 23.5 23.9 22.7 23.3 23.0 23.6 23.9 22.7 23.3 23.0 23.6 23.9 22.7 23.3 23.0 23.1 23.1 23.1 23.5 23.9 22.7 23.2 23.1 23.1 23.1 23.5 23.9 22.7 23.1 23.1 23.1 23.5 23.9 22.7 23.1 23.1 23.1 23.5 23.9 22.7 23.1 23.1 23.1 23.5 23.9 22.7 23.1 23.1 23.1 23.5 23.9 22.6 23.0 23.1 23.1 23.1 23.5 23.9 22.6 23.0 23.1 23.1 23.1 23.5 23.9 22.6 23.0 23.1 23.1 23.1 23.5 23.9 22.6 23.0 23.1 23.1 23.1 23.1 23.5 23.9 22.6 23.0 23.1 23.1 23.1 23.1 23.1 23.1 23.1 23.1			endwise					•	rosswise	C		У	X
4H       22.7       23.3       23.0       23.6       23.9       22.7       23.3       23.0       23.6         6H       22.7       23.2       23.0       23.5       23.9       22.6       23.2       23.0       23.5         12H       22.6       23.2       23.0       23.5       23.9       22.6       23.1       23.0       23.1         22.7       23.3       23.0       23.5       23.9       22.7       23.3       23.0       23.9         4H       2H       22.7       23.2       23.1       23.5       23.9       22.7       23.3       23.0       23.1         4H       22.7       23.1       23.1       23.5       23.9       22.7       23.2       23.1       23.2       23.1       23.1       23.1       23.2       23.1       23.1       23.2       23.1	3.7 2	23.7	23.0	23.5		22.7	24.0	23.7	23.0	23.5	22.7	2H	2H
6H         22.7         23.2         23.0         23.5         23.9         22.6         23.2         23.0         23.5           8H         22.7         23.2         23.0         23.5         23.9         22.6         23.1         23.0         23.1           12H         22.6         23.2         23.0         23.5         23.9         22.5         23.1         22.9         2           4H         2H         22.7         23.3         23.0         23.6         23.9         22.7         23.3         23.0         2           3H         22.7         23.1         23.1         23.5         23.9         22.7         23.2         23.1         2           4H         22.7         23.1         23.1         23.5         23.9         22.7         23.1         23.1         2           6H         22.7         23.1         23.1         23.5         23.9         22.6         23.0         23.1         2           8H         22.7         23.1         23.1         23.5         23.9         22.6         23.0         23.1         2           12H         22.7         23.0         23.1         23.4         23.9	3.7 2	23.7	23.1	23.4		22.7	23.9	23.6	23.0	23.4	22.7	ЗН	
8H         22.7         23.2         23.0         23.5         23.9         22.6         23.1         23.0         22.5           4H         2H         22.7         23.3         23.0         23.6         23.9         22.7         23.3         23.0         23.6         23.9         22.7         23.3         23.0         23.1         23.5         23.9         22.7         23.2         23.1         23.5         23.9         22.7         23.2         23.1         23.1         23.5         23.9         22.7         23.1         23.1         23.1         23.1         23.1         23.1         23.1         23.1         23.1         23.1         23.5         23.9         22.6         23.0         23.1         23.1         23.1         23.1         23.1         23.1         23.1         23.1         23.5         23.9         22.6         23.0         23.1         23.1         23.5         23.9         22.6         23.0         23.1         23.1         23.5         23.9         22.6         23.0         23.1         23.1         23.5         23.9         22.6         23.0         23.1         23.5         23.9         22.6         23.0         23.1         23.1         23.4 <td>3.6 2</td> <td>23.6</td> <td>23.0</td> <td>23.3</td> <td></td> <td>22.7</td> <td>23.9</td> <td>23.6</td> <td>23.0</td> <td>23.3</td> <td>22.7</td> <td>4H</td> <td></td>	3.6 2	23.6	23.0	23.3		22.7	23.9	23.6	23.0	23.3	22.7	4H	
12H 22.6 23.2 23.0 23.5 23.9 22.5 23.1 22.9 2  4H 2H 2H 22.7 23.3 23.0 23.6 23.9 22.7 23.3 23.0 2  4H 22.7 23.2 23.1 23.5 23.9 22.7 23.2 23.1 2  4H 22.7 23.1 23.1 23.5 23.9 22.7 23.1 23.1 2  6H 22.7 23.1 23.1 23.5 23.9 22.6 23.0 23.1 2  8H 22.7 23.1 23.1 23.5 23.9 22.6 23.0 23.1 2  12H 22.7 23.0 23.1 23.5 23.9 22.6 23.0 23.1 2  8H 22.7 23.0 23.1 23.4 23.9 22.6 23.0 23.1 2  8H 4H 22.6 23.0 23.1 23.4 23.9 22.6 22.9 23.0 2  8H 22.7 23.0 23.1 23.4 23.9 22.6 22.9 23.0 2  8H 22.7 22.9 23.2 23.4 23.9 22.7 23.0 23.2 2  12H 22.7 22.9 23.2 23.4 23.9 22.7 22.9 23.2 2  12H 4H 22.6 22.9 23.0 23.1 23.4 23.9 22.7 22.9 23.2 2  12H 4H 22.6 22.9 23.0 23.3 23.8 22.7 22.9 23.2 2  12H 4H 22.6 22.9 23.0 23.3 23.8 22.7 22.9 23.2 2  12H 4H 22.6 22.9 23.0 23.3 23.8 22.7 22.9 23.2 2  Variations with the observer position at spacing:	3.5 2	23.5	23.0	23.2		22.6	23.9	23.5	23.0	23.2	22.7	бН	
HH 2H 22.7 23.3 23.0 23.6 23.9 22.7 23.3 23.0 23.1 23.1 23.5 23.9 22.7 23.2 23.1 23.1 23.5 23.9 22.7 23.1 23.1 23.1 23.5 23.9 22.6 23.0 23.1 23.1 23.5 23.9 22.6 23.0 23.1 23.1 23.1 23.5 23.9 22.6 23.0 23.1 23.1 23.1 23.5 23.9 22.6 23.0 23.1 23.1 23.1 23.5 23.9 22.6 23.0 23.1 23.1 23.1 23.5 23.9 22.6 23.0 23.1 23.1 23.1 23.4 23.9 22.6 23.0 23.1 23.1 24.1 22.7 23.0 23.1 23.4 23.9 22.6 22.9 23.0 23.1 23.1 23.4 23.9 22.6 22.9 23.0 23.1 23.1 23.1 23.1 23.1 23.1 23.1 23.1	3.5 2	23.5	23.0	23.1		22.6	23.9	23.5	23.0	23.2	22.7	H8	
3H 22.7 23.2 23.1 23.5 23.9 22.7 23.2 23.1 23.6 4H 22.7 23.1 23.1 23.5 23.9 22.7 23.1 23.1 23.1 23.5 23.9 22.6 23.0 23.1 23.1 23.5 23.9 22.6 23.0 23.1 23.1 23.5 23.9 22.6 23.0 23.1 23.1 23.5 23.9 22.6 23.0 23.1 23.1 23.1 23.5 23.9 22.6 23.0 23.1 23.1 23.1 23.1 23.5 23.9 22.6 23.0 23.1 23.1 23.1 23.1 23.1 23.1 23.1 23.1	3.4 2	23.4	22.9	23.1	- 1	22.5	23.9	23.5	23.0	23.2	22.6	12H	
H	3.6 2	23.6	23.0	23.3		22.7	23.9	23.6	23.0	23.3	22.7	2H	4H
6H         22.7         23.1         23.1         23.5         23.9         22.6         23.0         23.1         2           8H         22.7         23.1         23.1         23.5         23.9         22.6         23.0         23.1         2           12H         22.7         23.0         23.1         23.4         23.9         22.6         22.9         23.0         2           8H         4H         22.6         23.0         23.1         23.4         23.8         22.7         23.1         23.1         2           8H         22.7         23.0         23.1         23.4         23.9         22.7         23.0         23.2         2           12H         22.7         22.9         23.2         23.4         23.9         22.7         22.9         23.2         2           12H         4H         22.6         22.9         23.0         23.3         23.8         22.7         22.9         23.2         2           12H         4H         22.6         22.9         23.0         23.3         23.8         22.7         23.0         23.1         2           8H         22.7         22.9         23.1         2	3.6 2	23.6	23.1	23.2		22.7	23.9	23.5	23.1	23.2	22.7	3H	
8H	3.5 2	23.5	23.1	23.1		22.7	23.9	23.5	23.1	23.1	22.7	4H	
12H 22.7 23.0 23.1 23.4 23.9 22.6 22.9 23.0 2 8H 4H 22.6 23.0 23.1 23.4 23.8 22.7 23.1 23.1 2 6H 22.7 23.0 23.1 23.4 23.9 22.7 23.0 23.2 2 8H 22.7 22.9 23.2 23.4 23.9 22.7 22.9 23.2 2 12H 22.7 22.9 23.2 23.4 23.9 22.7 22.9 23.2 2 12H 4H 22.6 22.9 23.0 23.3 23.8 22.7 22.9 23.2 2 12H 4H 22.6 22.9 23.1 23.3 23.8 22.7 22.9 23.2 2 12H 4H 22.6 22.9 23.1 23.3 23.8 22.7 22.9 23.2 2 12H 4H 22.6 22.9 23.1 23.3 23.8 22.7 22.9 23.2 2 12H 4H 22.6 22.9 23.1 23.3 23.8 22.7 22.9 23.2 2 12H 4H 22.6 22.9 23.1 23.3 23.8 22.7 22.9 23.2 2 12H 4H 22.6 22.9 23.1 23.3 23.8 22.7 22.9 23.2 2 12H 4H 22.6 22.9 23.1 23.3 23.8 22.7 22.9 23.2 2	3.4 2	23.4	23.1	23.0		22.6	23.9	23.5	23.1	23.1	22.7	6H	
8H	3.4 2	23.4	23.1	23.0		22.6	23.9	23.5	23.1	23.1	22.7	8H	
6H 22.7 23.0 23.1 23.4 23.9 22.7 23.0 23.2 2 8H 22.7 22.9 23.2 23.4 23.9 22.7 22.9 23.2 2 12H 22.7 22.9 23.2 23.4 23.9 22.7 22.9 23.2 2 12H 24H 22.6 22.9 23.0 23.3 23.8 22.7 22.9 23.2 2 12H 25 26 22.9 23.1 23.3 23.8 22.7 23.0 23.1 2 12H 27 28 29 28 29 28 29 28 29 29 29 29 29 29 29 29 29 29 29 29 29	3.3 2	23.3	23.0	22.9		22.6	23.9	23.4	23.1	23.0	22.7	12H	
8H 22.7 22.9 23.2 23.4 23.9 22.7 22.9 23.2 2 12H 22.7 22.9 23.2 23.4 23.9 22.7 22.9 23.2 2 12H 4H 22.6 22.9 23.0 23.3 23.8 22.7 23.0 23.1 2 6H 22.6 22.9 23.1 23.3 23.8 22.7 22.9 23.2 2 8H 22.7 22.9 23.2 23.4 23.9 22.7 22.9 23.2 2 Variations with the observer position at spacing:	3.5 2	23.5	23.1	23.1		22.7	23.8	23.4	23.1	23.0	22.6	4H	вн
12H	3.4 2	23.4	23.2	23.0		22.7	23.9	23.4	23.1	23.0	22.7	6H	
12H	3.4 2	23.4	23.2	22.9		22.7	23.9	23.4	23.2	22.9	22.7	SH	
6H         22.6         22.9         23.1         23.3         23.8         22.7         22.9         23.2         23.2           8H         22.7         22.9         23.2         23.4         23.9         22.7         22.9         23.2         2           Variations with the observer position at spacing:	3.4 2	23.4	23.2	22.9		22.7	23.9	23.4	23.2	22.9	22.7	12H	
8H 22.7 22.9 23.2 23.4 23.9 22.7 22.9 23.2 2  Variations with the observer position at spacing:	3.4 2	23.4	23.1	23.0		22.7	23.8	23.3	23.0	22.9	22.6	4H	12H
Variations with the observer position at spacing:	3.4 2	23.4	23.2	22.9		22.7	23.8	23.3	23.1	22.9	22.6	бН	
	3.4 2	23.4	23.2	22.9		22.7	23.9	23.4	23.2	22.9	22.7	H8	
							g:	t spacin	osition a	serverp	th the ob	tions wit	Varia
S = 1.0H 2.4 / -2.2 2.4 / -2.2		!	.4 / -2.2	2				2	4 / -2.	2		1.0H	S =
1.5H 4.5 / -4.7 4.5 / -4.7			5 / -4.7	4				7	5 / -4.	4		1.5H	