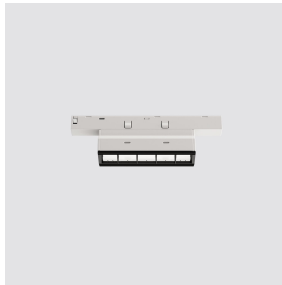


Last information update: June 2025

**Product configuration: QZ18.01**

QZ18.01: Linear module LB XS for 48V Superrail track - LGC Wall Washer 5 cells - 11.6W 294.4lm - 3000K - CRI 90 - White

**Product code**

QZ18.01: Linear module LB XS for 48V Superrail track - LGC Wall Washer 5 cells - 11.6W 294.4lm - 3000K - CRI 90 - White

**Technical description**

Linear recessed miniaturised luminaire for LED lamps, specialised for vertical wall lighting and complete with adapter for installation on a Superrail LV track. The patented optic system guarantees a homogeneous and effective emission on the wall, as well as avoiding shadow zones near the ceiling. The black polycarbonate perimeter frame is designed to significantly reduce the effect of longitudinal glare while also guaranteeing maximum light uniformity on the wall. Flux enhancer - superpure aluminium reflector - asymmetrical textured PMMA screen. Main body made of extruded aluminium. A rapid tool-free system for connecting the adapter electrically and mechanically to the track.

**Installation**

Mechanical fastening with adapter on track.

**Colour**

Black / Black (43) | Black / White (47)

**Weight (Kg)**

0.08

**Mounting**

Low voltage track

**Wiring**

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

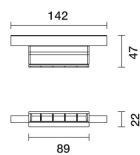
Complies with EN60598-1 and pertinent regulations



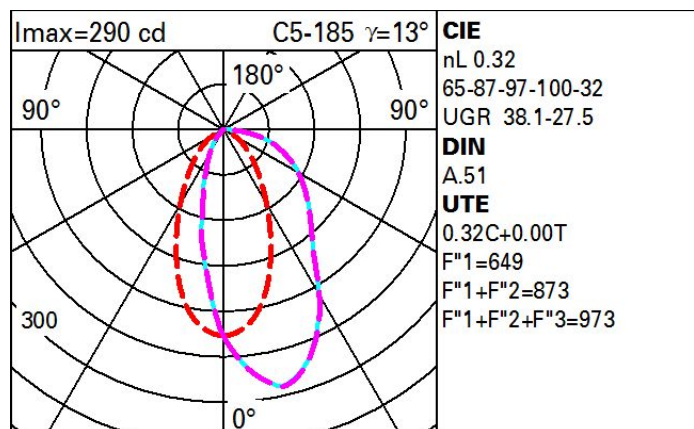
IP20

IP43

On the visible part of the product once installed

**Technical data**

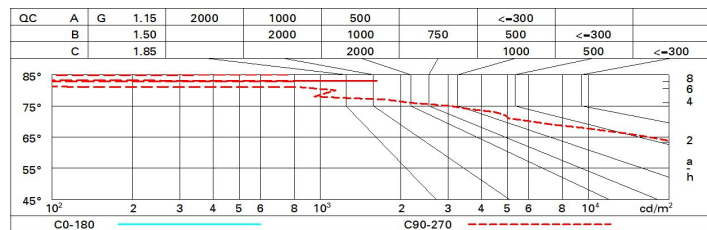
lm system:	294	Colour temperature [K]:	3000
W system:	11.6	MacAdam Step:	2
lm source:	920	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W source:	9.9	Lamp code:	LED
Luminous efficiency (lm/W, real value):	25.4	Number of lamps for optical assembly:	1
lm in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	32	Power factor:	See installation instructions
CRI (minimum):	90	Minimum dimming %:	5
Rf (Colour Fidelity Index):	93	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Rg (Gamut Index):	101	Control:	DALI

**Polar**

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	24	21	19	17	20	19	19	17	52
1.0	26	23	21	20	23	21	21	19	59
1.5	28	26	25	23	26	24	24	22	70
2.0	30	28	27	26	28	27	26	25	77
2.5	31	30	28	27	29	28	28	26	82
3.0	32	30	29	29	30	29	29	27	85
4.0	32	31	31	30	31	30	30	28	89
5.0	33	32	31	31	31	31	30	29	91

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 920 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
		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
2H	2H	32.9	33.9	33.2	34.2	34.4	24.9	25.9	25.2	26.2	26.4
	3H	35.0	36.0	35.4	36.3	36.6	25.8	26.7	26.1	27.0	27.3
	4H	36.1	36.9	36.4	37.3	37.6	26.2	27.1	26.6	27.4	27.7
	6H	37.0	37.8	37.3	38.1	38.4	26.6	27.4	27.0	27.8	28.1
	8H	37.3	38.0	37.6	38.4	38.7	26.8	27.5	27.1	27.9	28.2
	12H	37.5	38.2	37.9	38.6	38.9	26.8	27.6	27.2	27.9	28.3
4H	2H	33.0	33.9	33.4	34.2	34.5	25.0	25.9	25.4	26.2	26.5
	3H	35.4	36.2	35.8	36.5	36.9	26.0	26.8	26.4	27.1	27.5
	4H	36.6	37.3	37.0	37.8	38.0	26.6	27.3	27.0	27.7	28.1
	6H	37.7	38.3	38.1	38.7	39.1	27.2	27.8	27.7	28.2	28.7
	8H	38.1	38.6	38.5	39.0	39.5	27.5	28.1	28.0	28.5	28.9
	12H	38.4	38.9	38.8	39.3	39.8	27.8	28.3	28.2	28.7	29.2
8H	4H	36.6	37.1	37.1	37.6	38.0	26.6	27.1	27.0	27.6	28.0
	6H	37.8	38.2	38.3	38.7	39.2	27.3	27.7	27.8	28.2	28.6
	8H	38.3	38.7	38.8	39.1	39.6	27.6	28.0	28.1	28.5	29.0
	12H	38.7	39.0	39.2	39.5	40.0	27.9	28.3	28.4	28.8	29.3
12H	4H	36.6	37.0	37.0	37.5	37.9	26.6	27.0	27.0	27.5	27.9
	6H	37.8	38.2	38.3	38.6	39.1	27.2	27.6	27.7	28.1	28.6
	8H	38.3	38.6	38.8	39.1	39.6	27.6	27.9	28.1	28.4	28.9
Variations with the observer position at spacing:											
S =	1.0H	0.1 / -0.1					0.5 / -0.6				
	1.5H	0.2 / -0.2					1.1 / -1.4				
	2.0H	0.3 / -0.4					1.9 / -2.8				