

Last information update: June 2025

**Product configuration: QZ20.01**

QZ20.01: Linear module LB XS for 48V Superrail track - LGC Wall Washer 10 cells - 18.7W 496lm - 2700K - CRI 90 - White

**Product code**

QZ20.01: Linear module LB XS for 48V Superrail track - LGC Wall Washer 10 cells - 18.7W 496lm - 2700K - 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)**

0.14

**Mounting**

Low voltage track

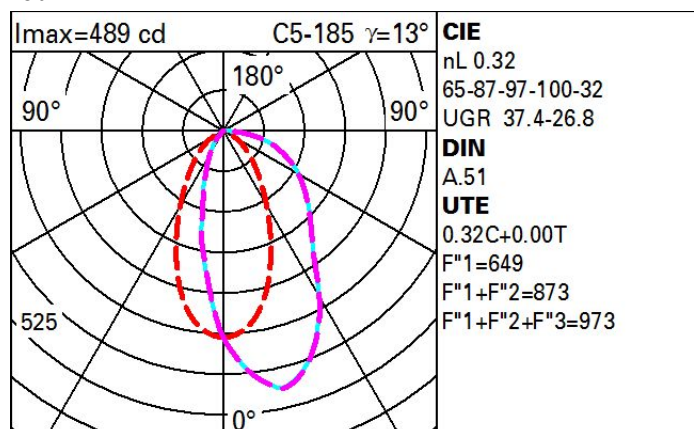
**Wiring**

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

**Technical data**

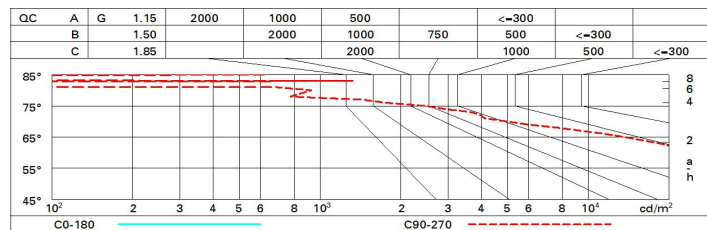
Im system:	496	MacAdam Step:	2
W system:	18.7	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Im source:	1550	Lamp code:	LED
W source:	17	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, real value):	26.5	ZVEI Code:	LED
Im in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	0	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	32	Minimum dimming %:	5
CRI (minimum):	90	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Rf (Colour Fidelity Index):	92	Dimming mode:	CCR
Rg (Gamut Index):	102	Control:	DALI
Colour temperature [K]:	2700		

**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 1550 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	32.2	33.2	32.5	33.5	33.7	24.2	25.2	24.5	25.5	25.7
	3H	34.3	35.3	34.7	35.5	35.8	25.0	26.0	25.4	26.3	26.6
	4H	35.4	36.2	35.7	36.5	36.9	25.5	26.4	25.9	26.7	27.0
	6H	36.2	37.0	36.6	37.4	37.7	25.9	26.7	26.3	27.0	27.4
	8H	36.5	37.3	36.9	37.7	38.0	26.0	26.8	26.4	27.2	27.5
	12H	36.8	37.5	37.1	37.8	38.2	26.1	26.8	26.5	27.2	27.6
4H	2H	32.3	33.2	32.7	33.5	33.8	24.3	25.2	24.6	25.5	25.8
	3H	34.7	35.4	35.1	35.8	36.2	25.3	26.1	25.7	26.4	26.8
	4H	35.9	36.5	36.3	36.9	37.3	25.9	26.6	26.3	27.0	27.4
	6H	37.0	37.6	37.4	38.0	38.4	26.5	27.1	27.0	27.5	27.9
	8H	37.4	37.9	37.8	38.3	38.8	26.8	27.4	27.3	27.8	28.2
	12H	37.7	38.1	38.1	38.6	39.0	27.1	27.5	27.5	28.0	28.4
8H	4H	35.9	36.4	36.3	36.8	37.3	25.9	26.4	26.3	26.8	27.3
	6H	37.1	37.5	37.6	38.0	38.5	26.6	27.0	27.0	27.4	27.9
	8H	37.6	37.9	38.0	38.4	38.9	26.9	27.3	27.4	27.8	28.3
	12H	38.0	38.3	38.5	38.8	39.3	27.2	27.6	27.7	28.0	28.6
12H	4H	35.8	36.3	36.3	36.8	37.2	25.8	26.3	26.3	26.8	27.2
	6H	37.0	37.4	37.5	37.9	38.4	26.5	26.9	27.0	27.4	27.9
	8H	37.5	37.9	38.0	38.4	38.9	26.9	27.2	27.4	27.7	28.2
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				