

Last information update: May 2025

Product configuration: QB95+QZ90.01

QB95: Down plate - DALI - Working UGR < 19 - LED Neutral - L 3588

QZ90.01: Module for continuous line - Minimal Down - UGR < 19 / Office / Working - L 3596 - TP(a) - White

Product codeQB95: Down plate - DALI - Working UGR < 19 - LED Neutral - L 3588 **Attention! Code no longer in production****Technical description**

LED module set up for housing in intermediate system profiles, ideal for particularly long light lines. High efficiency down emission for Working profiles (with a controlled luminance micro-prismatic screen). DALI dimmable control gear integrated in the luminaire. Extruded aluminium heat sink; high emission yield flux enhancer. Neutral 4000K LED

Installation

Module insertion on profiles facilitated by a quick coupling system.

Colour

Indeterminate (00)

Weight (Kg)

3.8

Wiring

Quick coupling terminal block connection to simplify connections between the subsequent modules. Complete with integrated dimmable digital DALI control gear.

Notes

Important: the triple length intermediate luminous module can be used for both initial profiles - L 3594 - for stand-alone applications, and intermediate profiles - L 3594 - for continuous line applications.

Complies with EN60598-1 and pertinent regulations

**Product code**

QZ90.01: Module for continuous line - Minimal Down - UGR < 19 / Office / Working - L 3596 - TP(a) - White **Attention! Code no longer in production**

Technical description

Extruded aluminium intermediate profile - Minimal (frameless) version for flush with ceiling mounting; this allows continuous lines to be created with other intermediate profiles and an initial profile (required). Polycarbonate screen for controlled luminance emission UGR < 19 - 3000 cd/m² (working lighting) in compliance with the TP(a) standard; screen set up for overlapping connections of different lengths.

Installation

Installation can be recessed, surface, ceiling and pendant-mounted using suitable accessories to be ordered separately; the mechanical systems for connecting modules are included in the package.

Colour

White (01)

Weight (Kg)

7

Mounting

ceiling recessed|ceiling surface|ceiling pendant

Wiring

Set up exclusively to house L 3588 triple-length LED modules.

Notes

Take care with the system configuration. To make continuous lines of lighting, use the intermediate modules. To complete a continuous line correctly there must always be an initial module at the start or end of the composition.

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system: 3608

W system: 27

lm source: 5550

W source: 27

Luminous efficiency (lm/W, real value): 133.6

lm in emergency mode: -

Total light flux at or above an angle of 90° [Lm]: 0

Light Output Ratio (L.O.R.) [%]: 65

CRI (minimum): 80

Colour temperature [K]: 4000

MacAdam Step: 3

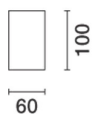
Lamp code: LED

Number of lamps for optical assembly: 1

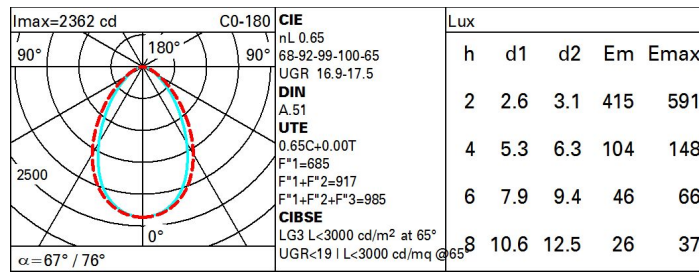
ZVEI Code: LED

Number of optical assemblies: 1

Control: DALI-2



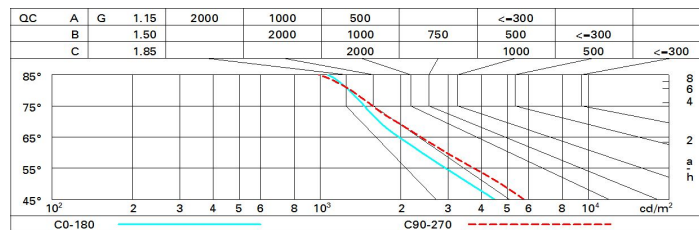
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	49	44	40	37	43	40	39	36	55
1.0	53	48	45	42	47	44	44	40	62
1.5	59	55	52	49	54	51	50	47	73
2.0	62	59	56	54	58	55	55	52	80
2.5	64	61	59	57	60	58	57	55	84
3.0	65	63	61	60	62	60	59	57	87
4.0	66	65	63	62	63	62	61	59	90
5.0	67	66	64	64	64	63	62	60	92

Luminance curve limit



UGR diagram

Corrected UGR values (at 5550 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	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30	0.30
		0.20	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	15.3	16.2	15.6	16.5	16.7	16.3	17.3	16.6	17.5	17.8	17.8
	3H	15.8	16.7	16.1	16.9	17.2	16.5	17.4	16.8	17.6	17.9	17.9
	4H	16.0	16.8	16.4	17.1	17.4	16.5	17.3	16.9	17.6	17.9	17.9
	6H	16.2	16.9	16.5	17.2	17.6	16.5	17.2	16.9	17.5	17.9	17.9
	8H	16.2	16.9	16.6	17.2	17.6	16.5	17.2	16.8	17.5	17.9	17.9
	12H	16.2	16.9	16.6	17.2	17.6	16.4	17.1	16.8	17.5	17.8	17.8
4H	2H	15.6	16.4	15.9	16.7	17.0	17.0	17.8	17.4	18.1	18.4	18.4
	3H	16.3	17.0	16.7	17.3	17.7	17.3	18.0	17.7	18.4	18.7	18.7
	4H	16.6	17.2	17.0	17.5	17.9	17.4	18.0	17.8	18.4	18.8	18.8
	6H	16.8	17.3	17.2	17.7	18.2	17.5	18.0	17.9	18.4	18.8	18.8
	8H	16.9	17.4	17.3	17.8	18.2	17.5	17.9	17.9	18.4	18.8	18.8
	12H	16.9	17.4	17.4	17.8	18.3	17.4	17.9	17.9	18.3	18.8	18.8
8H	4H	16.7	17.1	17.1	17.6	18.0	17.7	18.1	18.1	18.6	19.0	19.0
	6H	17.0	17.4	17.5	17.8	18.3	17.8	18.2	18.3	18.6	19.1	19.1
	8H	17.1	17.5	17.6	17.9	18.4	17.8	18.2	18.3	18.6	19.2	19.2
	12H	17.2	17.5	17.7	18.0	18.5	17.9	18.2	18.4	18.6	19.2	19.2
12H	4H	16.6	17.1	17.1	17.5	18.0	17.7	18.1	18.2	18.6	19.0	19.0
	6H	17.0	17.3	17.5	17.8	18.3	17.8	18.2	18.3	18.6	19.2	19.2
	8H	17.2	17.5	17.7	17.9	18.5	17.9	18.2	18.4	18.7	19.2	19.2
Variations with the observer position at spacing:												
S =		1.0H	0.5 / -0.6		0.3 / -0.6							
		1.5H	0.7 / -1.4		1.0 / -1.4							
		2.0H	1.6 / -1.9		2.1 / -2.0							