

Last information update: May 2025

Product configuration: QC03+QZ96.01

QC03: Down plate - DALI - Working UGR < 19 - LED Warm - L 3588

QZ96.01: Module for continuous line - Frame Down - UGR < 19 / Office / Working - L 3596 - TP(a) - White

Product code

QC03: Down plate - DALI - Working UGR < 19 - LED Warm - 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. Warm 3000K 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

QZ96.01: Module for continuous line - Frame Down - UGR < 19 / Office / Working - L 3596 - TP(a) - White **Attention! Code no longer in production**

Technical description

Extruded aluminium intermediate profile - Frame version with contact frame; 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

Recessed using the brackets on the profile; the mechanical systems for connecting the modules are included in the package.

Colour

White (01)

Weight (Kg)

7.4

Mounting

ceiling recessed

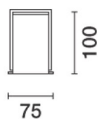
Wiring

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.

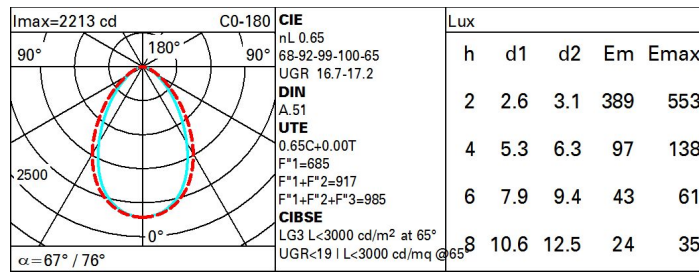
Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	3380	CRI (minimum):	80
W system:	27	Colour temperature [K]:	3000
Im source:	5200	MacAdam Step:	3
W source:	27	Lamp code:	LED
Luminous efficiency (Im/W, real value):	125.2	Number of lamps for optical assembly:	1
Im 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.) [%]:	65	Control:	DALI-2

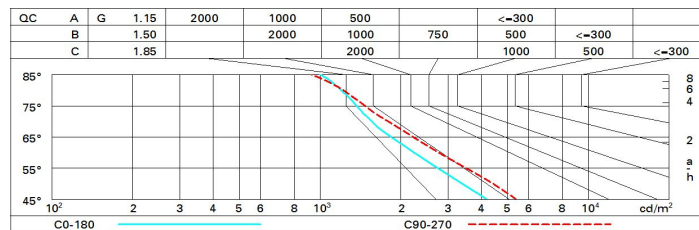
Polar



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 5200 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	15.0	16.0	15.3	16.2	16.5	16.1	17.1	16.4	17.3	17.6	17.6
	3H	15.6	16.4	15.9	16.7	17.0	16.3	17.1	16.6	17.4	17.7	17.7
	4H	15.8	16.6	16.1	16.9	17.2	16.3	17.1	16.7	17.4	17.7	17.7
	6H	15.9	16.7	16.3	17.0	17.3	16.3	17.0	16.6	17.3	17.7	17.7
	8H	16.0	16.7	16.4	17.0	17.4	16.2	16.9	16.6	17.3	17.6	17.6
	12H	16.0	16.7	16.4	17.0	17.4	16.2	16.9	16.6	17.2	17.6	17.6
4H	2H	15.4	16.2	15.7	16.5	16.8	16.8	17.6	17.2	17.9	18.2	18.2
	3H	16.1	16.7	16.4	17.1	17.4	17.1	17.8	17.5	18.1	18.5	18.5
	4H	16.3	16.9	16.7	17.3	17.7	17.2	17.8	17.6	18.2	18.6	18.6
	6H	16.6	17.1	17.0	17.5	17.9	17.2	17.8	17.7	18.2	18.6	18.6
	8H	16.7	17.1	17.1	17.5	18.0	17.2	17.7	17.7	18.1	18.6	18.6
	12H	16.7	17.1	17.2	17.6	18.0	17.2	17.7	17.7	18.1	18.5	18.5
8H	4H	16.4	16.9	16.9	17.3	17.8	17.4	17.9	17.9	18.3	18.8	18.8
	6H	16.8	17.2	17.2	17.6	18.1	17.6	18.0	18.0	18.4	18.9	18.9
	8H	16.9	17.2	17.4	17.7	18.2	17.6	18.0	18.1	18.4	18.9	18.9
	12H	17.0	17.3	17.5	17.8	18.3	17.6	17.9	18.1	18.4	18.9	18.9
12H	4H	16.4	16.8	16.9	17.3	17.7	17.5	17.9	17.9	18.3	18.8	18.8
	6H	16.8	17.1	17.3	17.6	18.1	17.6	18.0	18.1	18.4	18.9	18.9
	8H	16.9	17.2	17.4	17.7	18.2	17.7	18.0	18.2	18.5	19.0	19.0
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							