

Last information update: May 2025

Product configuration: QC00+QZ91.01

QC00: Down plate - DALI - Working UGR < 19 - LED Warm - L 598

QZ91.01: Initial module - Frame Down - Office / Working - L 612 - TP(a) - White

Product code

QC00: Down plate - DALI - Working UGR < 19 - LED Warm - L 598 **Attention! Code no longer in production**

Technical description

LED module set up for housing in initial or intermediate system profiles. 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)

0.82

Wiring

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

Complies with EN60598-1 and pertinent regulations



Product code

QZ91.01: Initial module - Frame Down - Office / Working - L 612 - TP(a) - White **Attention! Code no longer in production**

Technical description

Initial profile in extruded aluminium - Frame version with contact frame; polycarbonate screen for controlled luminance emission UGR < 19 - 3000 cd/m2 (working lighting) in compliance with the TP(a) standard; screen set up for connecting different lengths by overlapping.

Installation

Recessed using the brackets on the profile. The initial modules can be used individually if completed with accessory caps and the required LED module.

Colour

White (01)

Weight (Kg)

1.4

Mounting

ceiling recessed

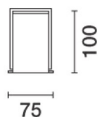
Wiring

Set up to house the LED modules required by the system.

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.

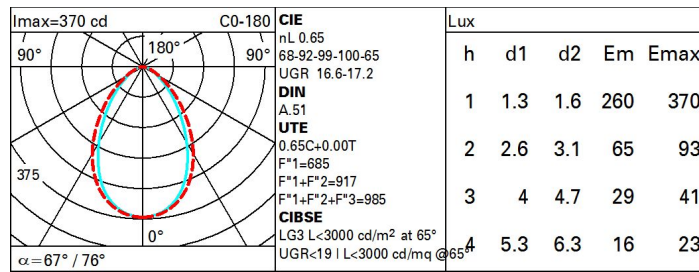
Complies with EN60598-1 and pertinent regulations



Technical data

lm system:	566	CRI (minimum):	80
W system:	4.5	Colour temperature [K]:	3000
lm source:	870	MacAdam Step:	3
W source:	4.5	Lamp code:	LED
Luminous efficiency (lm/W, real value):	125.7	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.) [%]:	65	Control:	DALI-2

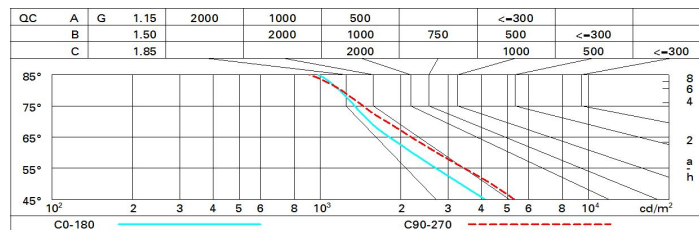
Polar



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 870 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	15.9	15.3	16.2	16.4	16.1	17.0	16.4	17.3	17.5	17.5
	3H	15.5	16.4	15.9	16.7	16.9	16.2	17.1	16.6	17.4	17.6	17.6
	4H	15.7	16.5	16.1	16.8	17.1	16.2	17.0	16.6	17.3	17.6	17.6
	6H	15.9	16.6	16.2	16.9	17.3	16.2	16.9	16.6	17.3	17.6	17.6
	8H	15.9	16.6	16.3	17.0	17.3	16.2	16.9	16.6	17.2	17.6	17.6
	12H	15.9	16.6	16.3	17.0	17.3	16.1	16.8	16.5	17.2	17.5	17.5
4H	2H	15.3	16.1	15.7	16.4	16.7	16.7	17.5	17.1	17.8	18.2	18.2
	3H	16.0	16.7	16.4	17.0	17.4	17.1	17.7	17.4	18.1	18.4	18.4
	4H	16.3	16.9	16.7	17.2	17.6	17.1	17.7	17.5	18.1	18.5	18.5
	6H	16.5	17.0	17.0	17.4	17.9	17.2	17.7	17.6	18.1	18.5	18.5
	8H	16.6	17.1	17.0	17.5	17.9	17.2	17.7	17.6	18.1	18.5	18.5
	12H	16.6	17.1	17.1	17.5	18.0	17.2	17.6	17.6	18.0	18.5	18.5
8H	4H	16.4	16.8	16.8	17.3	17.7	17.4	17.9	17.8	18.3	18.7	18.7
	6H	16.7	17.1	17.2	17.5	18.0	17.5	17.9	18.0	18.4	18.8	18.8
	8H	16.8	17.2	17.3	17.6	18.1	17.6	17.9	18.0	18.4	18.9	18.9
	12H	16.9	17.2	17.4	17.7	18.2	17.6	17.9	18.1	18.4	18.9	18.9
12H	4H	16.4	16.8	16.8	17.2	17.7	17.4	17.8	17.9	18.3	18.7	18.7
	6H	16.7	17.1	17.2	17.5	18.0	17.6	17.9	18.0	18.4	18.9	18.9
	8H	16.9	17.2	17.4	17.7	18.2	17.6	17.9	18.1	18.4	18.9	18.9
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							