

Last information update: May 2025

Product configuration: QC00+QB70.01

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

QB70.01: Initial module - Minimal Down - UGR < 19 / Office / Working - L 612 - 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

QB70.01: Initial module - Minimal Down - UGR < 19 / Office / Working - L 612 - White **Attention! Code no longer in production**

Technical description

Initial profile in extruded aluminium - Minimal (frameless) version for flush with ceiling mounting; micro-prismatic PMMA screen for controlled luminance emission UGR < 19 - 3000 cd/m2 (working lighting); screen set up for connecting several lengths by overlapping.

Installation

Installation can be recessed, surface, ceiling and pendant-mounted using suitable accessories to be ordered separately. The initial modules can be used individually for various applications if completed with accessory caps and the required LED module.

Colour

White (01)

Weight (Kg)

1.21

Mounting

ceiling recessed|ceiling surface|ceiling pendant

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.

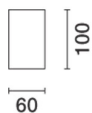
TPb rated. TPa version available on request, contact iGuzzini for more info

Complies with EN60598-1 and pertinent regulations

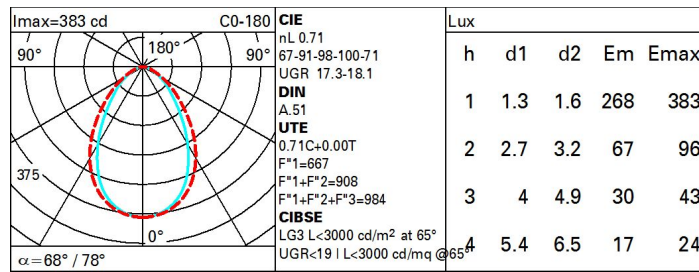


Technical data

Im system:	618	CRI (minimum):	80
W system:	4.5	Colour temperature [K]:	3000
Im source:	870	MacAdam Step:	3
W source:	4.5	Lamp code:	LED
Luminous efficiency (Im/W, real value):	137.3	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.) [%]:	71	Control:	DALI-2



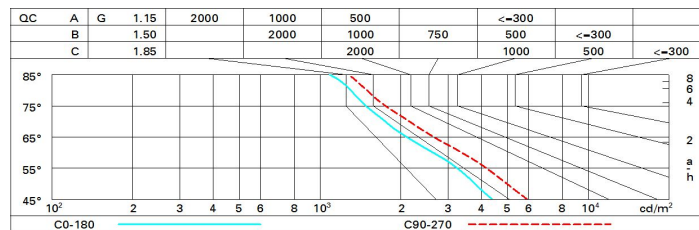
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	53	47	43	40	46	42	42	38	54
1.0	57	52	48	45	51	47	47	43	61
1.5	64	59	56	53	58	55	54	51	72
2.0	67	64	61	59	62	60	59	56	79
2.5	69	66	64	62	65	63	62	59	83
3.0	71	68	66	65	67	65	64	61	86
4.0	72	70	69	67	69	68	66	64	90
5.0	73	72	70	69	70	69	68	65	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	15.5	16.5	15.8	16.7	17.0	16.8	17.8	17.1	18.0	18.3	
	3H	16.1	17.0	16.5	17.3	17.6	17.0	17.9	17.4	18.2	18.5	
	4H	16.3	17.1	16.7	17.5	17.8	17.0	17.9	17.4	18.2	18.5	
	6H	16.5	17.2	16.9	17.6	17.9	17.0	17.8	17.4	18.1	18.4	
	8H	16.5	17.3	16.9	17.6	17.9	17.0	17.7	17.4	18.0	18.4	
	12H	16.6	17.2	16.9	17.6	18.0	16.9	17.6	17.3	18.0	18.3	
4H	2H	15.9	16.7	16.3	17.0	17.4	17.6	18.4	18.0	18.7	19.0	
	3H	16.7	17.3	17.0	17.7	18.1	17.9	18.6	18.3	19.0	19.3	
	4H	16.9	17.6	17.4	17.9	18.3	18.0	18.7	18.5	19.0	19.4	
	6H	17.2	17.7	17.6	18.1	18.6	18.1	18.6	18.5	19.0	19.4	
	8H	17.3	17.8	17.7	18.2	18.6	18.1	18.6	18.5	19.0	19.4	
	12H	17.3	17.8	17.8	18.2	18.7	18.1	18.5	18.5	18.9	19.4	
8H	4H	17.1	17.6	17.5	18.0	18.4	18.3	18.8	18.8	19.2	19.7	
	6H	17.4	17.8	17.9	18.3	18.7	18.4	18.8	18.9	19.3	19.8	
	8H	17.5	17.9	18.0	18.4	18.9	18.5	18.8	19.0	19.3	19.8	
	12H	17.6	17.9	18.1	18.4	18.9	18.5	18.8	19.0	19.3	19.8	
12H	4H	17.0	17.5	17.5	17.9	18.4	18.4	18.8	18.8	19.2	19.7	
	6H	17.4	17.8	17.9	18.2	18.7	18.5	18.9	19.0	19.3	19.8	
	8H	17.6	17.9	18.1	18.4	18.9	18.6	18.9	19.1	19.4	19.9	
Variations with the observer position at spacing:												
S =		1.0H	0.5 / -0.5		0.3 / -0.5							
		1.5H	0.6 / -1.3		0.8 / -1.2							
		2.0H	1.2 / -1.9		1.8 / -1.8							