

Last information update: November 2024

**Product configuration: QB94+QB71.01**

QB94: Down plate - DALI - Working UGR < 19 - LED Neutral - L 1196

QB71.01: Initial module - Minimal Down - UGR < 19 / Office / Working - L 1208 - White

**Product code**

QB94: Down plate - DALI - Working UGR < 19 - LED Neutral - L 1196

**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. Neutral 4000K LED

**Installation**

Module insertion on profiles facilitated by a quick coupling system.

**Colour**

Indeterminate (00)

**Weight (Kg)**

1.28

**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**

QB71.01: Initial module - Minimal Down - UGR < 19 / Office / Working - L 1208 - White

**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)**

2.35

**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: 1314

W system: 9

Im source: 1850

W source: 9

Luminous efficiency (Im/W, real value): 145.9

Im in emergency mode: -

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

Light Output Ratio (L.O.R.) [%]: 71

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

Power factor: See installation instructions

Inrush current: 18 A / 250 µs

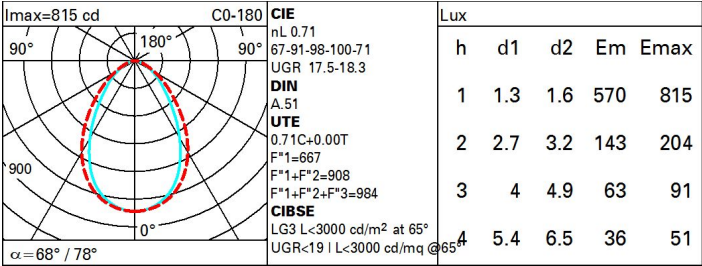
Maximum number of luminaires of this type per miniature circuit breaker: B10A: 21 luminaires  
B16A: 34 luminaires  
C10A: 35 luminaires  
C16A: 57 luminaires

Minimum dimming %: 1

Overvoltage protection: 2kV Common mode & 1kV Differential mode

Control: DALI-2

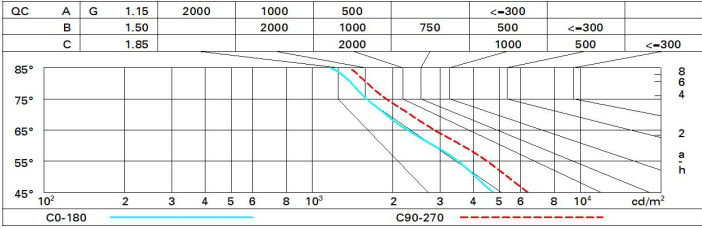
Polar



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 1850 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	
		0.50	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	
		viewed crosswise					viewed endwise					
2H	2H	15.8	16.7	16.1	17.0	17.3	17.1	18.1	17.4	18.3	18.6	
	3H	16.4	17.3	16.7	17.5	17.8	17.3	18.1	17.6	18.4	18.7	
	4H	16.6	17.4	16.9	17.7	18.0	17.3	18.1	17.7	18.4	18.7	
	6H	16.7	17.5	17.1	17.8	18.2	17.3	18.0	17.6	18.3	18.7	
	8H	16.8	17.5	17.2	17.9	18.2	17.2	18.0	17.6	18.3	18.6	
	12H	16.8	17.5	17.2	17.9	18.2	17.2	17.9	17.6	18.2	18.6	
4H	2H	16.2	17.0	16.5	17.3	17.6	17.9	18.7	18.2	19.0	19.3	
	3H	16.9	17.6	17.3	17.9	18.3	18.2	18.9	18.6	19.2	19.6	
	4H	17.2	17.8	17.6	18.2	18.6	18.3	18.9	18.7	19.3	19.7	
	6H	17.5	18.0	17.9	18.4	18.8	18.3	18.9	18.8	19.3	19.7	
	8H	17.5	18.0	18.0	18.4	18.9	18.3	18.8	18.8	19.2	19.7	
	12H	17.6	18.0	18.0	18.5	18.9	18.3	18.8	18.8	19.2	19.7	
8H	4H	17.3	17.8	17.8	18.2	18.7	18.6	19.1	19.0	19.5	19.9	
	6H	17.7	18.1	18.1	18.5	19.0	18.7	19.1	19.2	19.6	20.0	
	8H	17.8	18.1	18.3	18.6	19.1	18.7	19.1	19.2	19.6	20.1	
	12H	17.9	18.2	18.4	18.7	19.2	18.8	19.1	19.3	19.5	20.1	
12H	4H	17.3	17.7	17.8	18.2	18.6	18.6	19.1	19.1	19.5	20.0	
	6H	17.7	18.0	18.2	18.5	19.0	18.8	19.1	19.3	19.6	20.1	
	8H	17.8	18.1	18.3	18.6	19.2	18.8	19.1	19.3	19.6	20.1	
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							