

Last information update: November 2024

**Product configuration: QC06+QB76.01**

QC06: Up / Down plate - DALI - Working UGR < 19 - LED Neutral - L 1196

QB76.01: Initial module - Minimal Up / Down - UGR < 19 / Office / Working - L 1208 - White

**Product code**

QC06: Up / 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 up + down emission for Working profiles (with a controlled luminance micro-prismatic lower 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)**

1.6

**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**

QB76.01: Initial module - Minimal Up / Down - UGR < 19 / Office / Working - L 1208 - White

**Technical description**

Initial profile in extruded aluminium - Minimal (frameless) version for flush with ceiling mounting available for direct and indirect lighting (luminous flux split into approx. 70% down / 30% up.); microprismatic PMMA lower screen for controlled luminance emission UGR < 19 - 3000 cd/m2 (working lighting); screen set up for connecting several lengths by overlapping. Methacrylate diffusing screen for upper emission.

**Installation**

Installation can be 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 pendant

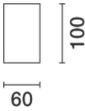
**Wiring**

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.

Complies with EN60598-1 and pertinent regulations



**Technical data**

Im system:	1843	CRI (minimum):	80
W system:	14	Colour temperature [K]:	4000
Im source:	2750	MacAdam Step:	3
W source:	14	Lamp code:	LED
Luminous efficiency (Im/W, real value):	131.6	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]:	528	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	67	Control:	DALI-2

	<b>Imax</b> =819 cd <b>C0-180</b> <b>CIE</b> nL 0.67 67-91-98-71-67 UGR 15.5-16.2 <b>DIN</b> B.53 <b>UTE</b> 0.48C+0.19T F*1=667 F*1+F*2=907 F*1+F*2+F*3=984 <b>CIBSE</b> LG3 L<3000 cd/m² at 65° UGR<19   L<3000 cd/mq at 65°	<b>Lux</b>																							
	<table border="1"> <thead> <tr> <th>h</th> <th>d1</th> <th>d2</th> <th>Em</th> <th>E<sub>max</sub></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1.3</td> <td>1.6</td> <td>572</td> <td>819</td> </tr> <tr> <td>2</td> <td>2.7</td> <td>3.2</td> <td>143</td> <td>205</td> </tr> <tr> <td>3</td> <td>4</td> <td>4.9</td> <td>64</td> <td>91</td> </tr> <tr> <td>4</td> <td>5.4</td> <td>6.5</td> <td>36</td> <td>51</td> </tr> </tbody> </table>	h	d1	d2	Em	E <sub>max</sub>	1	1.3	1.6	572	819	2	2.7	3.2	143	205	3	4	4.9	64	91	4	5.4	6.5	36
h	d1	d2	Em	E <sub>max</sub>																					
1	1.3	1.6	572	819																					
2	2.7	3.2	143	205																					
3	4	4.9	64	91																					
4	5.4	6.5	36	51																					

R	77	75	73	71	55	53	33	00	DDR
K0.8	44	38	35	32	36	33	31	26	54
1.0	48	43	39	36	40	37	34	29	61
1.5	54	49	46	44	46	43	40	34	72
2.0	57	53	51	48	49	47	44	38	79
2.5	59	56	54	52	52	50	46	40	83
3.0	60	58	56	54	53	52	48	41	86
4.0	62	60	58	57	55	54	50	43	90
5.0	62	61	60	58	56	55	51	44	92

QC	A	G	1.15	2000	1000	500	<-300	
	B		1.50		2000	1000	750	500
	C		1.85			2000		1000

85°  
75°  
65°  
55°  
45°

10<sup>2</sup> 2 3 4 5 6 8 10<sup>3</sup> 2 3 4 5 6 8 10<sup>4</sup> cd/m<sup>2</sup>

C0-180 C90-270

# UGR diagram

Corrected UGR values (at 2750 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	14.0	14.7	14.6	15.4	16.2	15.1	15.9	15.8	16.5	17.3	
	3H	14.5	15.2	15.2	15.9	16.7	15.3	15.9	16.0	16.6	17.5	
	4H	14.7	15.3	15.4	16.0	16.9	15.3	15.9	16.0	16.6	17.4	
	6H	14.8	15.3	15.5	16.1	17.0	15.2	15.8	16.0	16.5	17.4	
	8H	14.8	15.4	15.6	16.1	17.0	15.2	15.7	15.9	16.4	17.3	
	12H	14.8	15.3	15.6	16.1	17.0	15.1	15.6	15.9	16.4	17.3	
4H	2H	14.3	14.9	15.0	15.6	16.4	15.8	16.4	16.6	17.1	18.0	
	3H	14.9	15.4	15.7	16.2	17.1	16.1	16.6	16.9	17.4	18.3	
	4H	15.2	15.6	16.0	16.4	17.3	16.2	16.6	17.0	17.4	18.3	
	6H	15.4	15.8	16.2	16.6	17.5	16.2	16.6	17.0	17.4	18.3	
	8H	15.5	15.8	16.3	16.6	17.6	16.2	16.5	17.0	17.3	18.3	
	12H	15.5	15.8	16.3	16.6	17.6	16.1	16.4	17.0	17.3	18.3	
8H	4H	15.3	15.6	16.1	16.4	17.4	16.4	16.8	17.2	17.6	18.5	
	6H	15.6	15.8	16.4	16.7	17.7	16.5	16.8	17.3	17.6	18.6	
	8H	15.7	15.9	16.5	16.7	17.8	16.5	16.8	17.4	17.6	18.6	
	12H	15.7	15.9	16.6	16.8	17.8	16.5	16.7	17.4	17.6	18.6	
12H	4H	15.2	15.5	16.0	16.4	17.3	16.4	16.7	17.3	17.6	18.6	
	6H	15.5	15.8	16.4	16.6	17.7	16.5	16.8	17.4	17.6	18.7	
	8H	15.7	15.9	16.5	16.7	17.8	16.6	16.8	17.5	17.7	18.7	
Variations with the observer position at spacing:												
S =		1.0H	0.5 / -0.5		0.3 / -0.5							
		1.5H	0.6 / -1.2		0.8 / -1.2							
		2.0H	1.2 / -1.9		1.8 / -1.8							