

Last information update: November 2024

Product configuration: QC10+QB76.01

QC10: Up / Down plate - DALI - Working UGR < 19 - LED Warm - L 1196

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

Product code

QC10: Up / Down plate - DALI - Working UGR < 19 - LED Warm - 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. Warm 3000K 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

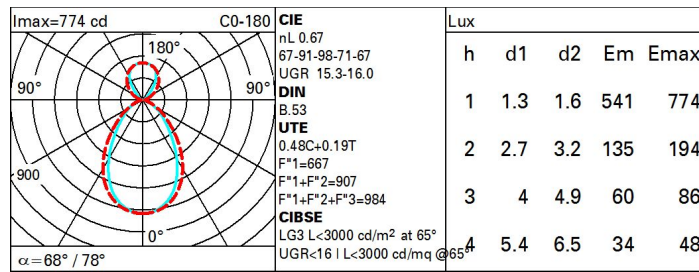


Technical data

Im system:	1742	CRI (minimum):	80
W system:	14	Colour temperature [K]:	3000
Im source:	2600	MacAdam Step:	3
W source:	14	Lamp code:	LED
Luminous efficiency (Im/W, real value):	124.4	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]:	499	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	67	Control:	DALI-2



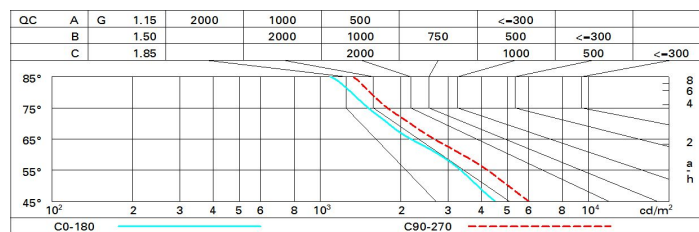
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
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

Luminance curve limit



UGR diagram

Corrected UGR values (at 2000 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	13.8	14.5	14.5	15.2	16.0	14.9	15.7	15.6	16.3	17.1
	3H	14.3	15.0	15.0	15.7	16.5	15.1	15.7	15.8	16.4	17.3
	4H	14.5	15.1	15.2	15.8	16.7	15.1	15.7	15.8	16.4	17.3
	6H	14.6	15.2	15.4	15.9	16.8	15.0	15.6	15.8	16.3	17.2
	8H	14.6	15.2	15.4	15.9	16.8	15.0	15.5	15.7	16.2	17.1
	12H	14.6	15.1	15.4	15.9	16.8	14.9	15.4	15.7	16.2	17.1
4H	2H	14.1	14.7	14.8	15.4	16.2	15.6	16.2	16.4	17.0	17.8
	3H	14.8	15.2	15.5	16.0	16.9	15.9	16.4	16.7	17.2	18.1
	4H	15.0	15.4	15.8	16.2	17.1	16.0	16.4	16.8	17.2	18.1
	6H	15.2	15.6	16.0	16.4	17.3	16.0	16.4	16.8	17.2	18.1
	8H	15.3	15.6	16.1	16.4	17.4	16.0	16.3	16.8	17.1	18.1
	12H	15.3	15.6	16.1	16.4	17.4	15.9	16.2	16.8	17.1	18.1
8H	4H	15.1	15.4	15.9	16.2	17.2	16.2	16.6	17.0	17.4	18.3
	6H	15.4	15.6	16.2	16.5	17.5	16.3	16.6	17.1	17.4	18.4
	8H	15.5	15.7	16.3	16.5	17.6	16.3	16.6	17.2	17.4	18.4
	12H	15.5	15.7	16.4	16.6	17.6	16.3	16.5	17.2	17.4	18.4
12H	4H	15.0	15.3	15.9	16.2	17.2	16.2	16.5	17.1	17.4	18.4
	6H	15.3	15.6	16.2	16.4	17.5	16.3	16.6	17.2	17.4	18.5
	8H	15.5	15.7	16.4	16.6	17.6	16.4	16.6	17.3	17.5	18.5
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						