

Last information update: November 2024

Product configuration: QB68+QC01.12

QB68: Module for continuous lineFrame DownUGR < 19 / Office / WorkingL 898

QC01.12: Down plate - DALI - Working UGR < 19 - LED Warm - L 896 - 8W 895lm - 3000K - Aluminium

**Product code**

QB68: Module for continuous lineFrame DownUGR < 19 / Office / WorkingL 898

Technical description

Extruded aluminium intermediate profile - Frame version with contact frame; this allows continuous lines to be created with other intermediate profiles and an initial profile (required). Microprismatic PMMA screen for controlled luminance emission UGR < 19 - 3000 cd/m2 (working lighting); screen set up for connecting several lengths by overlapping.

Installation

Recessed using the brackets on the profile; the mechanical systems for connecting the modules are included in the package.

Colour

White (01)

Weight (Kg)

1.86

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.

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

Complies with EN60598-1 and pertinent regulations

**Product code**

QC01.12: Down plate - DALI - Working UGR < 19 - LED Warm - L 896 - 8W 895lm - 3000K - Aluminium

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)

0.99

Wiring

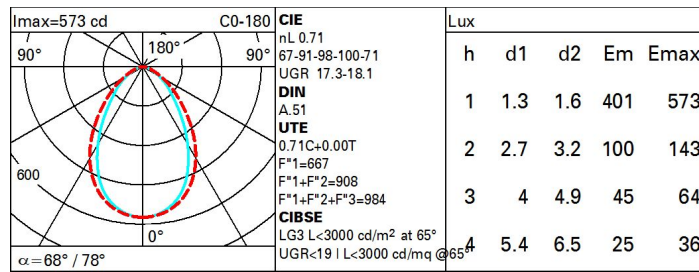
Quick coupling terminal block connection to simplify connections between the subsequent modules. Complete with integrated dimmable digital DALI control gear.

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	923	CRI (minimum):	80
W system:	7.8	Colour temperature [K]:	3000
lm source:	1300	MacAdam Step:	3
W source:	6.8	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	118.3	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	71	Number of optical assemblies:	1

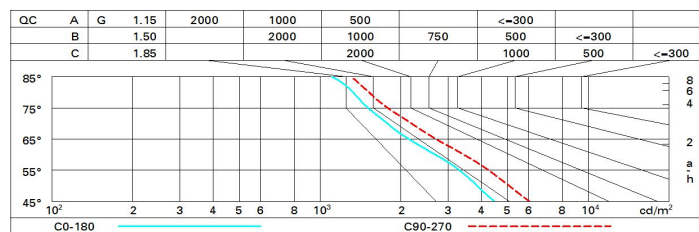
Polar



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 1300 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	15.6	16.6	15.9	16.8	17.1	16.9	17.9	17.2	18.1	18.4	18.4
	3H	16.2	17.1	16.5	17.3	17.6	17.1	18.0	17.4	18.2	18.5	18.5
	4H	16.4	17.2	16.8	17.5	17.8	17.1	17.9	17.5	18.2	18.5	18.5
	6H	16.6	17.3	16.9	17.6	18.0	17.1	17.8	17.4	18.1	18.5	18.5
	8H	16.6	17.3	17.0	17.7	18.0	17.0	17.8	17.4	18.1	18.5	18.5
	12H	16.6	17.3	17.0	17.7	18.0	17.0	17.7	17.4	18.0	18.4	18.4
4H	2H	16.0	16.8	16.3	17.1	17.4	17.7	18.5	18.0	18.8	19.1	19.1
	3H	16.7	17.4	17.1	17.8	18.1	18.0	18.7	18.4	19.0	19.4	19.4
	4H	17.0	17.6	17.4	18.0	18.4	18.1	18.7	18.5	19.1	19.5	19.5
	6H	17.3	17.8	17.7	18.2	18.6	18.1	18.7	18.6	19.1	19.5	19.5
	8H	17.3	17.8	17.8	18.2	18.7	18.1	18.6	18.6	19.1	19.5	19.5
	12H	17.4	17.8	17.8	18.3	18.7	18.1	18.6	18.6	19.0	19.5	19.5
8H	4H	17.1	17.6	17.6	18.0	18.5	18.4	18.9	18.8	19.3	19.7	19.7
	6H	17.5	17.9	17.9	18.3	18.8	18.5	18.9	19.0	19.4	19.8	19.8
	8H	17.6	17.9	18.1	18.4	18.9	18.5	18.9	19.0	19.4	19.9	19.9
	12H	17.7	18.0	18.2	18.5	19.0	18.6	18.9	19.1	19.4	19.9	19.9
12H	4H	17.1	17.6	17.6	18.0	18.4	18.4	18.9	18.9	19.3	19.8	19.8
	6H	17.5	17.8	18.0	18.3	18.8	18.6	18.9	19.1	19.4	19.9	19.9
	8H	17.6	17.9	18.2	18.4	19.0	18.6	18.9	19.1	19.4	19.9	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							