

Last information update: November 2024

#### Product configuration: QB72+QB98.12

QB72: Initial module Minimal Down UGR < 19 / Office / Working L 2397

QB98.12: Down plate - ON-OFF - Working UGR < 19 - LED Warm - L 1196 - 11W 1195lm - 3000K - Aluminium

#### Product code

QB72: Initial module Minimal Down UGR < 19 / Office / Working L 2397

#### 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) | Black (04) | Aluminium (12)

#### Weight (Kg)

4.7

#### 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



#### Product code

QB98.12: Down plate - ON-OFF - Working UGR < 19 - LED Warm - L 1196 - 11W 1195lm - 3000K - Aluminium **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). Electronic 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)

1.28

#### Wiring

Quick coupling terminal block connection to simplify connections between the subsequent modules. Complete with integrated ON-OFF - non-dimmable control gear.

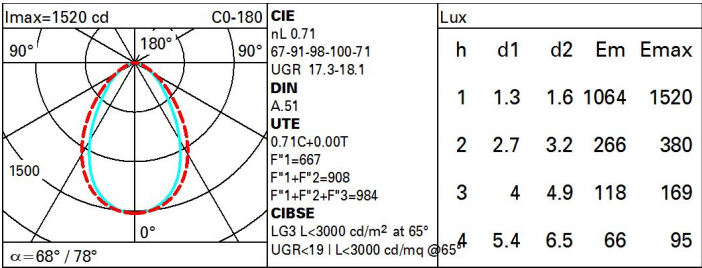
Complies with EN60598-1 and pertinent regulations



#### Technical data

lm system:	2450	CRI (minimum):	80
W system:	20.6	Colour temperature [K]:	3000
lm source:	3450	MacAdam Step:	3
W source:	18	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	118.9	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

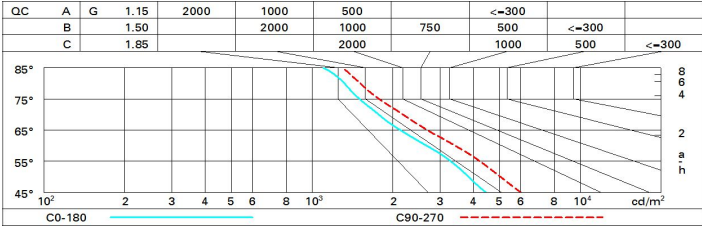
Polar



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 3450 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	15.6	16.5	15.9	16.8	17.0	16.9	17.8	17.2	18.1	18.3
	3H	16.2	17.0	16.5	17.3	17.6	17.1	17.9	17.4	18.2	18.5
	4H	16.4	17.2	16.7	17.5	17.8	17.1	17.9	17.4	18.2	18.5
	6H	16.5	17.3	16.9	17.6	17.9	17.1	17.8	17.4	18.1	18.5
	8H	16.6	17.3	17.0	17.6	18.0	17.0	17.7	17.4	18.1	18.4
	12H	16.6	17.3	17.0	17.6	18.0	17.0	17.7	17.4	18.0	18.4
4H	2H	16.0	16.8	16.3	17.1	17.4	17.7	18.5	18.0	18.8	19.1
	3H	16.7	17.4	17.1	17.7	18.1	18.0	18.7	18.4	19.0	19.4
	4H	17.0	17.6	17.4	18.0	18.4	18.1	18.7	18.5	19.1	19.5
	6H	17.2	17.8	17.7	18.2	18.6	18.1	18.7	18.6	19.1	19.5
	8H	17.3	17.8	17.8	18.2	18.7	18.1	18.6	18.6	19.0	19.5
	12H	17.4	17.8	17.8	18.2	18.7	18.1	18.5	18.6	19.0	19.4
8H	4H	17.1	17.6	17.6	18.0	18.5	18.4	18.9	18.8	19.3	19.7
	6H	17.5	17.9	17.9	18.3	18.8	18.5	18.9	19.0	19.3	19.8
	8H	17.6	17.9	18.1	18.4	18.9	18.5	18.9	19.0	19.3	19.8
	12H	17.7	18.0	18.2	18.5	19.0	18.5	18.8	19.1	19.3	19.9
12H	4H	17.1	17.5	17.5	18.0	18.4	18.4	18.8	18.9	19.3	19.7
	6H	17.5	17.8	18.0	18.3	18.8	18.5	18.9	19.0	19.4	19.9
	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						