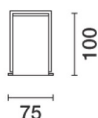


Last information update: November 2024

**Product configuration: QB65+QB94.12**

QB65: Initial moduleFrame DownUGR &lt; 19 / Office / WorkingL 1208

QB94.12: Down plate - DALI - Working UGR &lt; 19 - LED Neutral - L 1196 - 11W 1265lm - 4000K - Aluminium

**Product code**

QB65: Initial moduleFrame DownUGR &lt; 19 / Office / WorkingL 1208

**Technical description**

Initial profile in extruded aluminium - Frame version with contact frame; micro-prismatic PMMA screen for controlled luminance emission UGR &lt; 19 - 3000 cd/m2 (working lighting); screen set up for connecting several lengths by overlapping.

**Installation**

Recessed using the brackets on the profile. The initial modules can be used individually if completed with accessory caps and the required LED module.

**Colour**

White (01)

**Weight (Kg)**

2.55

**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**

QB94.12: Down plate - DALI - Working UGR &lt; 19 - LED Neutral - L 1196 - 11W 1265lm - 4000K - 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. Neutral 4000K LED

**Installation**

Module insertion on profiles facilitated by a quick coupling system.

**Colour**

Indeterminate (00)

**Weight (Kg)**

1.28

**Wiring**

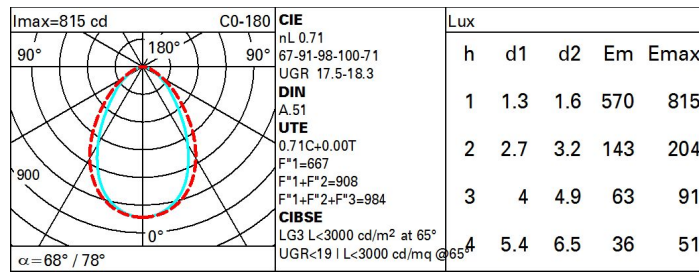
Quick coupling terminal block connection to simplify connections between the subsequent modules. Complete with integrated dimmable digital DALI control gear.

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	1314	CRI (minimum):	80
W system:	11	Colour temperature [K]:	4000
lm source:	1850	MacAdam Step:	3
W source:	9	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	119.4	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

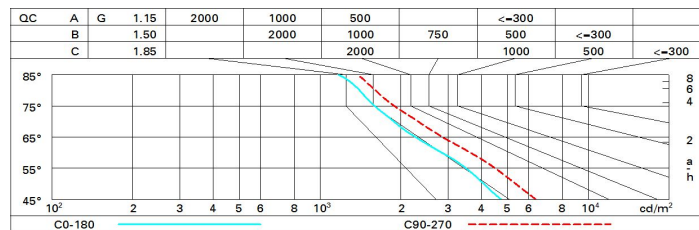
# Polar



# 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 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	0.30
		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	15.8	16.7	16.1	17.0	17.3	17.1	18.1	17.4	18.3	18.6	18.6
	3H	16.4	17.3	16.7	17.5	17.8	17.3	18.1	17.6	18.4	18.7	18.7
	4H	16.6	17.4	16.9	17.7	18.0	17.3	18.1	17.7	18.4	18.7	18.7
	6H	16.7	17.5	17.1	17.8	18.2	17.3	18.0	17.6	18.3	18.7	18.7
	8H	16.8	17.5	17.2	17.9	18.2	17.2	18.0	17.6	18.3	18.6	18.6
	12H	16.8	17.5	17.2	17.9	18.2	17.2	17.9	17.6	18.2	18.6	18.6
4H	2H	16.2	17.0	16.5	17.3	17.6	17.9	18.7	18.2	19.0	19.3	19.3
	3H	16.9	17.6	17.3	17.9	18.3	18.2	18.9	18.6	19.2	19.6	19.6
	4H	17.2	17.8	17.6	18.2	18.6	18.3	18.9	18.7	19.3	19.7	19.7
	6H	17.5	18.0	17.9	18.4	18.8	18.3	18.9	18.8	19.3	19.7	19.7
	8H	17.5	18.0	18.0	18.4	18.9	18.3	18.8	18.8	19.2	19.7	19.7
	12H	17.6	18.0	18.0	18.5	18.9	18.3	18.8	18.8	19.2	19.7	19.7
8H	4H	17.3	17.8	17.8	18.2	18.7	18.6	19.1	19.0	19.5	19.9	19.9
	6H	17.7	18.1	18.1	18.5	19.0	18.7	19.1	19.2	19.6	20.0	20.0
	8H	17.8	18.1	18.3	18.6	19.1	18.7	19.1	19.2	19.6	20.1	20.1
	12H	17.9	18.2	18.4	18.7	19.2	18.8	19.1	19.3	19.5	20.1	20.1
12H	4H	17.3	17.7	17.8	18.2	18.6	18.6	19.1	19.1	19.5	20.0	20.0
	6H	17.7	18.0	18.2	18.5	19.0	18.8	19.1	19.3	19.6	20.1	20.1
	8H	17.8	18.1	18.3	18.6	19.2	18.8	19.1	19.3	19.6	20.1	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							