iN60

Design iGuzzini **iGuzzini**

Last information update: August 2025

Product configuration: QB93+QZ95.01
QB93: Down plate - DALI - Working UGR < 19 - LED Neutral - L 896
QZ95.01: Module for continuous line - Frame Down - UGR < 19 / Office / Working - L 898 - TP(a) - White

Product code
QB93: Down plate - DALI - Working UGR < 19 - LED Neutral - L 896 **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). 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	Weight (Kg)
Indeterminate (00)	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

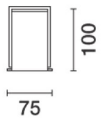
Product code
QZ95.01: Module for continuous line - Frame Down - UGR < 19 / Office / Working - L 898 - TP(a) - White **Attention! Code no longer in production**

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). Polycarbonate screen for controlled luminance emission UGR < 19 - 3000 cd/m2 (working lighting) in compliance with the TP(a) standard; screen set up for overlapping connections of different lengths.

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

Colour	Weight (Kg)
White (01)	1.86

Mounting
ceiling recessed



Wiring
Set up to house the LED modules required by the system.

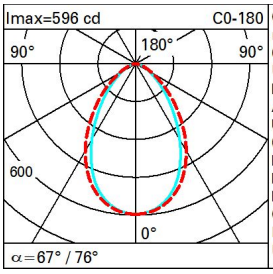
Notes
Take care with the system configuration. To make continuous lines of lighting, use the intermediate modules. To complete a continuous line correctly there must always be an initial module at the start or end of the composition.

Complies with EN60598-1 and pertinent regulations

Technical data

lm system:	910	CRI (minimum):	80
W system:	6.8	Colour temperature [K]:	4000
lm source:	1400	MacAdam Step:	3
W source:	6.8	Lamp code:	LED
Luminous efficiency (lm/W, real value):	133.8	Number of lamps for optical assembly:	1
lm in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	65	Control:	DALI-2

Polar



CIE
nL 0.65
68-92-99-100-65
UGR 16.9-17.5
DIN
A.51
UTE
0.65C+0.00T
F"1=685
F"1+F"2=917
F"1+F"2+F"3=985
CIBSE
LG3 L<3000 cd/m² at 65°
UGR<19 I L<3000 cd/mq @65°

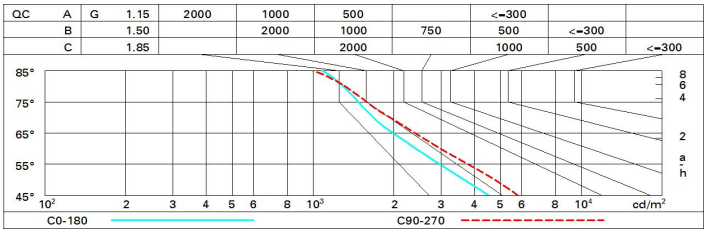
Lux

h	d1	d2	Em	Emax
1	1.3	1.6	419	596
2	2.6	3.1	105	149
3	4	4.7	47	66
4	5.3	6.3	26	37

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	49	44	40	37	43	40	39	36	55
1.0	53	48	45	42	47	44	44	40	62
1.5	59	55	52	49	54	51	50	47	73
2.0	62	59	56	54	58	55	55	52	80
2.5	64	61	59	57	60	58	57	55	84
3.0	65	63	61	60	62	60	59	57	87
4.0	66	65	63	62	63	62	61	59	90
5.0	67	66	64	64	64	63	62	60	92

Luminance curve limit



UGR diagram

Corrected UGR values (at 1400 lm bare lamp luminous flux)

Riflect.:											
ceil/cav		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim				viewed					viewed		
x	y			crosswise					endwise		
2H	2H	15.3	16.2	15.6	16.5	16.7	16.4	17.3	16.7	17.6	17.8
	3H	15.8	16.7	16.2	17.0	17.3	16.5	17.4	16.9	17.7	18.0
	4H	16.0	16.8	16.4	17.1	17.5	16.6	17.4	16.9	17.7	18.0
	6H	16.2	16.9	16.6	17.2	17.6	16.5	17.3	16.9	17.6	17.9
	8H	16.2	16.9	16.6	17.3	17.6	16.5	17.2	16.9	17.5	17.9
	12H	16.3	16.9	16.7	17.3	17.6	16.5	17.1	16.9	17.5	17.8
4H	2H	15.6	16.4	16.0	16.7	17.0	17.1	17.9	17.4	18.2	18.5
	3H	16.3	17.0	16.7	17.3	17.7	17.4	18.0	17.8	18.4	18.7
	4H	16.6	17.2	17.0	17.6	18.0	17.5	18.1	17.9	18.4	18.8
	6H	16.8	17.4	17.3	17.8	18.2	17.5	18.0	17.9	18.4	18.8
	8H	16.9	17.4	17.4	17.8	18.3	17.5	18.0	17.9	18.4	18.8
	12H	17.0	17.4	17.4	17.8	18.3	17.5	17.9	17.9	18.3	18.8
8H	4H	16.7	17.2	17.1	17.6	18.0	17.7	18.2	18.2	18.6	19.0
	6H	17.0	17.4	17.5	17.9	18.3	17.8	18.2	18.3	18.7	19.2
	8H	17.2	17.5	17.6	18.0	18.5	17.9	18.2	18.4	18.7	19.2
	12H	17.3	17.5	17.8	18.0	18.6	17.9	18.2	18.4	18.7	19.2
12H	4H	16.7	17.1	17.1	17.5	18.0	17.7	18.2	18.2	18.6	19.1
	6H	17.0	17.4	17.5	17.8	18.3	17.9	18.2	18.4	18.7	19.2
	8H	17.2	17.5	17.7	18.0	18.5	17.9	18.2	18.5	18.7	19.2

Variations with the observer position at spacing:

S =	1.0H	0.5 / -0.6	0.3 / -0.6
	1.5H	0.7 / -1.4	1.0 / -1.4
	2.0H	1.6 / -1.9	2.1 / -2.0