Design iGuzzini

iGuzzini

Last information update: June 2018



Down LED plate - DALI - Working UGR < 19 - Neutral Warm - L 896

Product code

QB93

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)

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 configuration: QB93

Product characteristics

Total lighting output [Lm]: 923
Total power [W]: 8.2
Luminous efficacy [Lm/W]: 112.7
Life Time: > 50,000h - L90 - B10 (Ta 25°C)

Total luminous flux at or above an angle of 90 $^{\circ}$ [Lm]: 0 Emergency luminous flux [Lm]: /

Voltage [V]: -

Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 71 Lamp code: LED

ZVEI Code: LED Nominal power [W]: 6.7 Nominal luminous [Lm]: 1300 Lamp maximum intensity [cd]: /

Beam angle [°]: /

Number of lamps for optical assembly: 1

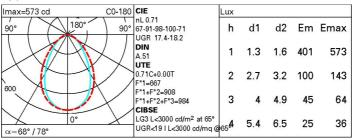
Socket: /

Ballast losses [W]: 1.5 Colour temperature [K]: 4000

CRI: 80

Wavelength [Nm]: / MacAdam Step: 3

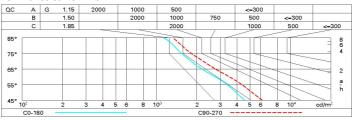
Polar



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

Rifle	ct.:											
ceil/cav walls work pl. Room dim		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30	
		0.50 0.20	0.30 0.20	0.50 0.20	0.30 0.20	0.30 0.20	0.50 0.20	0.30 0.20	0.50 0.20	0.30 0.20	0.30 0.20	
												viewed
		x	Ÿ	crosswise					endwise			
2H	2H	15.7	16.6	16.0	16.9	17.1	17.0	17.9	17.3	18.2	18.4	
	ЗН	16.3	17.1	18.8	17.4	17.7	17.2	18.0	17.5	18.3	18.6	
	4H	16.5	17.3	16.8	17.6	17.9	17.2	18.0	17.5	18.3	18.6	
	ВΗ	16.6	17.4	17.0	17.7	18.0	17.1	17.9	17.5	18.2	18.6	
	8H	16.7	17.4	17.1	17.7	18.1	17.1	17.8	17.5	18.2	18.5	
	12 H	16.7	17.4	17.1	17.7	18.1	17.1	17.8	17.5	18.1	18.	
4H	2H	16.1	16.9	16.4	17.2	17.5	17.7	18.6	18.1	18.9	19.3	
	ЗН	16.8	17.5	17.2	17.8	18.2	18.1	18.8	18.5	19.1	19.5	
	4H	17.1	17.7	17.5	18.1	18.5	18.2	18.8	18.6	19.2	19.6	
	θН	17.3	17.9	17.8	18.3	18.7	18.2	18.8	18.7	19.2	19.6	
	8H	17.4	17.9	17.9	18.3	18.8	18.2	18.7	18.7	19.1	19.0	
	12 H	17.5	17.9	17.9	18.3	18.8	18.2	18.6	18.7	19.1	19.5	
8H	4H	17.2	17.7	17.6	18.1	18.5	18.5	18.9	18.9	19.4	19.	
	δН	17.5	17.9	18.0	18.4	18.9	18.6	19.0	19.1	19.4	19.9	
	8H	17.7	18.0	18.2	18.5	19.0	18.6	19.0	19.1	19.4	19.9	
	12 H	17.8	18.1	18.3	18.6	19.1	18.6	18.9	19.1	19.4	19.	
12H	4H	17.2	17.6	17.6	18.1	18.5	18.5	18.9	19.0	19.4	19.	
	δН	17.6	17.9	18.0	18.4	18.9	18.6	19.0	19.1	19.5	20.	
	8H	17.7	18.0	18.2	18.5	19.0	18.7	19.0	19.2	19.5	20.0	
Varia	itions wi	th the ot	serverp	osition a	at spacin	ıg:						
S =	1.0 H	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					