

Last information update: November 2024

Product configuration: QB78+QC11.12+INCA

QB78: Initial module Minimal Up / Down UGR < 19 / Office / Working L 3596

QC11.12: Up / Down plate - DALI - Working UGR < 19 - LED Warm - L 3588 - 41W 7800lm - 3000K - Aluminium

INCA: Recessed

Product code

QB78: Initial module Minimal Up / Down UGR < 19 / Office / Working L 3596

Technical description

Initial profile in extruded aluminium - Minimal (frameless) version for flush with ceiling mounting available for direct and indirect lighting (luminous flux split into approx. 70% down / 30% up.); microprismatic PMMA lower screen for controlled luminance emission UGR < 19 - 3000 cd/m² (working lighting); screen set up for connecting several lengths by overlapping. Methacrylate diffusing screen for upper emission.

Installation

Installation can be 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 - L 3588.

Colour

White (01) | Black (04) | Aluminium (12)

Weight (Kg)

7

Mounting

ceiling pendant

Wiring

Set up exclusively to house L 3588 triple-length LED modules.

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



Product code

QC11.12: Up / Down plate - DALI - Working UGR < 19 - LED Warm - L 3588 - 41W 7800lm - 3000K - Aluminium

Technical description

LED module set up for housing in intermediate system profiles, ideal for particularly long light lines. High efficiency up + down emission for Working profiles (with a controlled luminance micro-prismatic lower 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)

4.8

Wiring

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

Notes

Important: the triple length intermediate luminous module can be used for both initial profiles - L 3594 - for stand-alone applications, and intermediate profiles - L 3594 - for continuous line applications.

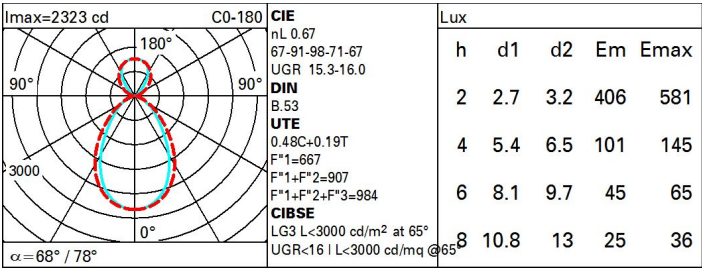
Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	5226	CRI:	80
W system:	45	Colour temperature [K]:	3000
Im source:	7800	MacAdam Step:	3
W source:	41	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	116.1	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	1496	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	67	Number of optical assemblies:	1

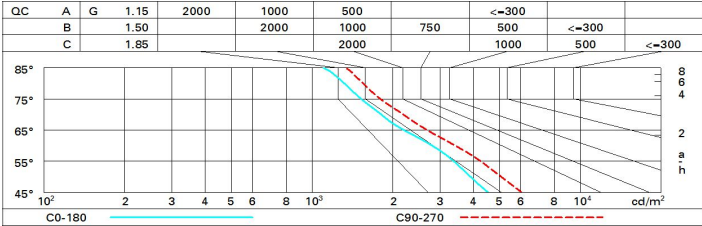
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	44	38	35	32	36	33	31	26	54
1.0	48	43	39	36	40	37	34	29	61
1.5	54	49	46	44	46	43	40	34	72
2.0	57	53	51	48	49	47	44	38	79
2.5	59	56	54	52	52	50	46	40	83
3.0	60	58	56	54	53	52	48	41	86
4.0	62	60	58	57	55	54	50	43	90
5.0	62	61	60	58	56	55	51	44	92

Luminance curve limit



UGR diagram

Corrected UGR values (at 7800 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	13.8	14.5	14.5	15.2	16.0	15.0	15.7	15.7	16.4	17.2	17.2
	3H	14.3	15.0	15.1	15.7	16.5	15.1	15.8	15.8	16.5	17.3	17.3
	4H	14.5	15.1	15.3	15.8	16.7	15.1	15.7	15.8	16.4	17.3	17.3
	6H	14.6	15.2	15.4	15.9	16.8	15.0	15.6	15.8	16.3	17.2	17.2
	8H	14.7	15.2	15.4	15.9	16.8	15.0	15.5	15.8	16.3	17.2	17.2
	12H	14.7	15.2	15.4	15.9	16.8	15.0	15.4	15.7	16.2	17.1	17.1
4H	2H	14.1	14.7	14.8	15.4	16.3	15.7	16.3	16.4	17.0	17.8	17.8
	3H	14.8	15.3	15.5	16.0	16.9	15.9	16.4	16.7	17.2	18.1	18.1
	4H	15.0	15.5	15.8	16.2	17.2	16.0	16.4	16.8	17.2	18.2	18.2
	6H	15.2	15.6	16.0	16.4	17.4	16.0	16.4	16.8	17.2	18.2	18.2
	8H	15.3	15.6	16.1	16.4	17.4	16.0	16.3	16.8	17.2	18.1	18.1
	12H	15.3	15.6	16.1	16.4	17.4	16.0	16.3	16.8	17.1	18.1	18.1
8H	4H	15.1	15.4	15.9	16.2	17.2	16.2	16.6	17.1	17.4	18.4	18.4
	6H	15.4	15.7	16.2	16.5	17.5	16.3	16.6	17.2	17.4	18.5	18.5
	8H	15.5	15.7	16.3	16.6	17.6	16.4	16.6	17.2	17.4	18.5	18.5
	12H	15.6	15.8	16.4	16.6	17.7	16.4	16.6	17.2	17.4	18.5	18.5
12H	4H	15.1	15.4	15.9	16.2	17.2	16.3	16.6	17.1	17.4	18.4	18.4
	6H	15.4	15.6	16.2	16.5	17.5	16.4	16.6	17.2	17.5	18.5	18.5
	8H	15.5	15.7	16.4	16.6	17.6	16.4	16.6	17.3	17.5	18.5	18.5
Variations with the observer position at spacing:												
S =		1.0H	0.5 / -0.5		0.3 / -0.5							
		1.5H	0.6 / -1.2		0.8 / -1.2							
		2.0H	1.2 / -1.9		1.8 / -1.8							