

Last information update: November 2024

Product configuration: QB79+QC07.12+INCA

QB79: Module for continuous line Minimal Up / Down UGR < 19 / Office / Working L 3596

QC07.12: Up / Down plate - DALI - Working UGR < 19 - LED Neutral - L 3588 - 41W 8300lm - 4000K - Aluminium

INCA: Recessed

Product code

QB79: Module for continuous line Minimal Up / Down UGR < 19 / Office / Working L 3596

Technical description

Extruded aluminium intermediate profile - Minimal (frameless) version for flush with ceiling mounting available for direct and indirect lighting (luminous flux split into approx. 70% down / 30% up.). This allows continuous lines to be created with other intermediate profiles and an initial profile (required). 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 mechanical systems for connecting modules are included in the package.

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

QC07.12: Up / Down plate - DALI - Working UGR < 19 - LED Neutral - L 3588 - 41W 8300lm - 4000K - 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. Neutral 4000K 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:	5561	CRI:	80
W system:	45	Colour temperature [K]:	4000
Im source:	8300	MacAdam Step:	3
W source:	41	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	123.6	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]:	1592	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	67	Number of optical assemblies:	1

<p>imax=2472 cd C0-180</p> <p>180°</p> <p>90°</p> <p>3000</p> <p>0°</p> <p>$\alpha = 68^\circ / 78^\circ$</p>	CIE nL 0.67 67-91-98-71-67 UGR 15.5-16.2		Lux				
	DIN B.53		h	d1	d2	Em	Emax
	UTE 0.48C+0.19T F*1=667 F*1+F*2=907 F*1+F*2+F*3=984		2	2.7	3.2	432	618
	CIBSE LG3 L<3000 cd/m² at 65° UGR<19 L<3000 cd/mq @65°		4	5.4	6.5	108	154
			6	8.1	9.7	48	69
			8	10.8	13	27	39

R	77	75	73	71	55	53	33	00	DDR
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

QC	A	G	1.15	2000	1000	500	<-300		
	B		1.50		2000	1000	750	500	<-300
	C		1.85			2000		1000	500

UGR diagram

Corrected UGR values (at 8300 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	14.0	14.7	14.7	15.4	16.2	15.2	15.9	15.9	16.6	17.4	
	3H	14.6	15.2	15.3	15.9	16.7	15.3	16.0	16.0	16.7	17.5	
	4H	14.7	15.3	15.5	16.1	16.9	15.3	15.9	16.1	16.6	17.5	
	6H	14.8	15.4	15.6	16.1	17.0	15.3	15.8	16.0	16.5	17.4	
	8H	14.9	15.4	15.6	16.1	17.0	15.2	15.7	16.0	16.5	17.4	
	12H	14.9	15.4	15.6	16.1	17.0	15.2	15.7	15.9	16.4	17.3	
4H	2H	14.3	14.9	15.1	15.6	16.5	15.9	16.5	16.6	17.2	18.1	
	3H	15.0	15.5	15.8	16.2	17.2	16.2	16.7	16.9	17.4	18.3	
	4H	15.2	15.7	16.0	16.5	17.4	16.2	16.7	17.0	17.4	18.4	
	6H	15.4	15.8	16.3	16.6	17.6	16.2	16.6	17.0	17.4	18.4	
	8H	15.5	15.9	16.3	16.7	17.6	16.2	16.6	17.0	17.4	18.4	
	12H	15.5	15.8	16.4	16.7	17.7	16.2	16.5	17.0	17.3	18.3	
8H	4H	15.3	15.7	16.1	16.5	17.4	16.5	16.8	17.3	17.6	18.6	
	6H	15.6	15.9	16.4	16.7	17.7	16.5	16.8	17.4	17.7	18.7	
	8H	15.7	15.9	16.6	16.8	17.8	16.6	16.8	17.4	17.7	18.7	
	12H	15.8	16.0	16.6	16.8	17.9	16.6	16.8	17.4	17.6	18.7	
12H	4H	15.3	15.6	16.1	16.4	17.4	16.5	16.8	17.3	17.6	18.6	
	6H	15.6	15.8	16.4	16.7	17.7	16.6	16.8	17.4	17.7	18.7	
	8H	15.7	15.9	16.6	16.8	17.8	16.6	16.9	17.5	17.7	18.8	
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							