

Last information update: May 2025

Product configuration: QC07+QB78.01

QC07: Up / Down plate - DALI - Working UGR < 19 - LED Neutral - L 3588

QB78.01: Initial module - Minimal Up / Down - UGR < 19 / Office / Working - L 3596 - White

Product code

QC07: Up / Down plate - DALI - Working UGR < 19 - LED Neutral - L 3588 **Attention! Code no longer in production**

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



Product code

QB78.01: Initial module - Minimal Up / Down - UGR < 19 / Office / Working - L 3596 - White **Attention! Code no longer in production**

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)

Weight (Kg)

7

Mounting

ceiling pendant

Wiring

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

Notes

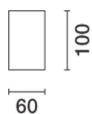
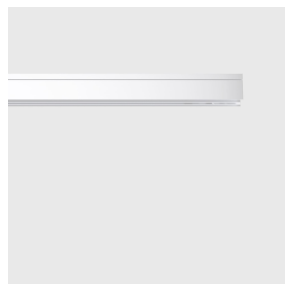
Take care with the system configuration. To make continuous lines of lighting, use the intermediate modules. To complete a continuous line correctly there must always be an initial module at the start or end of the composition.

Complies with EN60598-1 and pertinent regulations

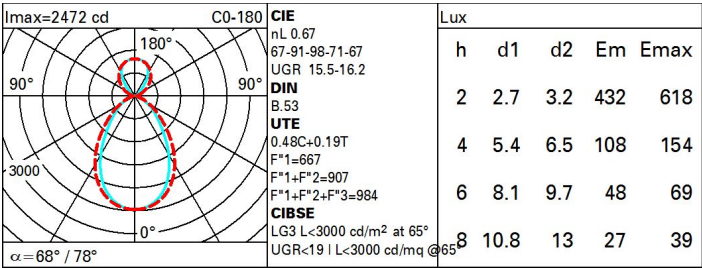


Technical data

lm system:	5561	CRI (minimum):	80
W system:	41	Colour temperature [K]:	4000
lm source:	8300	MacAdam Step:	3
W source:	41	Lamp code:	LED
Luminous efficiency (lm/W, real value):	135.6	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]:	1592	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	67	Control:	DALI-2



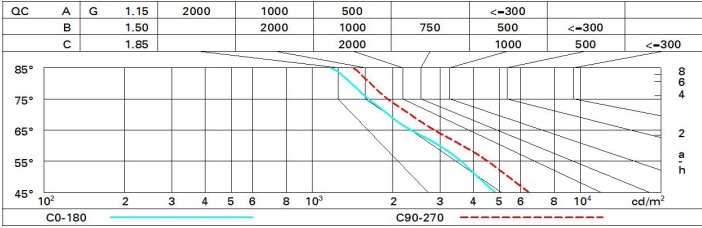
Polar



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 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							