

Last information update: May 2025

#### Product configuration: QC00+QZ85.01

QC00: Down plate - DALI - Working UGR < 19 - LED Warm - L 598

QZ85.01: Initial module - Minimal Down - UGR < 19 / Office / Working - L 612 - TP(a) - White

#### Product code

QC00: Down plate - DALI - Working UGR < 19 - LED Warm - L 598 **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. Warm 3000K LED

#### Installation

Module insertion on profiles facilitated by a quick coupling system.

#### Colour

Indeterminate (00)

#### Weight (Kg)

0.82

#### 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

QZ85.01: Initial module - Minimal Down - UGR < 19 / Office / Working - L 612 - TP(a) - White **Attention! Code no longer in production**

#### Technical description

Initial profile in extruded aluminium - Minimal (frameless) version for flush with ceiling installation; polycarbonate screen for controlled luminance emission UGR < 19 - 3000 cd/m2 (working lighting) in compliance with the TP(a) standard; screen set up for connecting different lengths by overlapping.

#### Installation

Installation can be recessed, surface, ceiling and 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.

#### Colour

White (01)

#### Weight (Kg)

1.21

#### Mounting

ceiling recessed|ceiling surface|ceiling pendant

#### Wiring

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

#### Notes

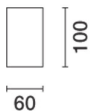
Take care with the system configuration. To make continuous lines of lighting, use the intermediate modules. To complete a continuous line correctly there must always be an initial module at the start or end of the composition.

Complies with EN60598-1 and pertinent regulations



#### Technical data

Im system:	566	CRI (minimum):	80
W system:	4.5	Colour temperature [K]:	3000
Im source:	870	MacAdam Step:	3
W source:	4.5	Lamp code:	LED
Luminous efficiency (Im/W, real value):	125.7	Number of lamps for optical assembly:	1
Im 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



	<b>CIE</b> nL 0.65 68-92-99-100-65 UGR 16.6-17.2		<b>Lux</b>				
	<b>DIN</b> A.51		h	d1	d2	Em	E <sub>max</sub>
	<b>UTE</b> 0.65C+0.00T F*1=685 F*1+F*2=917 F*1+F*2+F*3=985		1	1.3	1.6	260	370
	<b>CIBSE</b> LG3 L<3000 cd/m <sup>2</sup> at 65° UGR<19   L<3000 cd/mq @65°		2	2.6	3.1	65	93
			3	4	4.7	29	41
$\alpha = 67^\circ / 76^\circ$			4	5.3	6.3	16	23

R	77	75	73	71	55	53	33	00	DDR
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

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

# UGR diagram

Corrected UGR values (at 870 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	15.0	15.9	15.3	16.2	16.4	16.1	17.0	16.4	17.3	17.5	
	3H	15.5	16.4	15.9	16.7	16.9	16.2	17.1	16.6	17.4	17.6	
	4H	15.7	16.5	16.1	16.8	17.1	16.2	17.0	16.6	17.3	17.6	
	6H	15.9	16.6	16.2	16.9	17.3	16.2	16.9	16.6	17.3	17.6	
	8H	15.9	16.6	16.3	17.0	17.3	16.2	16.9	16.6	17.2	17.6	
	12H	15.9	16.6	16.3	17.0	17.3	16.1	16.8	16.5	17.2	17.5	
4H	2H	15.3	16.1	15.7	16.4	16.7	16.7	17.5	17.1	17.8	18.2	
	3H	16.0	16.7	16.4	17.0	17.4	17.1	17.7	17.4	18.1	18.4	
	4H	16.3	16.9	16.7	17.2	17.6	17.1	17.7	17.5	18.1	18.5	
	6H	16.5	17.0	17.0	17.4	17.9	17.2	17.7	17.6	18.1	18.5	
	8H	16.6	17.1	17.0	17.5	17.9	17.2	17.7	17.6	18.1	18.5	
	12H	16.6	17.1	17.1	17.5	18.0	17.2	17.6	17.6	18.0	18.5	
8H	4H	16.4	16.8	16.8	17.3	17.7	17.4	17.9	17.8	18.3	18.7	
	6H	16.7	17.1	17.2	17.5	18.0	17.5	17.9	18.0	18.4	18.8	
	8H	16.8	17.2	17.3	17.6	18.1	17.6	17.9	18.0	18.4	18.9	
	12H	16.9	17.2	17.4	17.7	18.2	17.6	17.9	18.1	18.4	18.9	
12H	4H	16.4	16.8	16.8	17.2	17.7	17.4	17.8	17.9	18.3	18.7	
	6H	16.7	17.1	17.2	17.5	18.0	17.6	17.9	18.0	18.4	18.9	
	8H	16.9	17.2	17.4	17.7	18.2	17.6	17.9	18.1	18.4	18.9	
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							