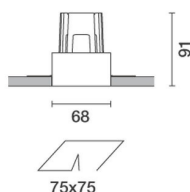


Last information update: May 2024

Product configuration: Q818.01

Q818.01: Fixed square recessed luminaire - Minimal - LED - wide flood - Super Comfort - White

**Product code**Q818.01: Fixed square recessed luminaire - Minimal - LED - wide flood - Super Comfort - White **Attention! Code no longer in production****Technical description**

Square Minimal recessed luminaire (frameless). Fixed Super Comfort version: the LEDs are set a long way back to minimize glare and guarantee a high level of visual comfort. The main body is made of die-cast aluminium with a radiant surface that guarantees optimum heat dissipation. Metallised, thermoplastic, high definition reflector - wide flood optic (58°). Die-cast aluminium structure installed flush with ceiling. Adapter for false ceilings between 12.5 and 25 mm thick. The internal ring is made of thermoplastic available in a range of painted and metallised finishes. Safety glass included High color rendering index 3,000K LED. Power unit available with a separate code no.

Installation

For flush with ceiling installation, an adapter is fitted according to the thickness of the false ceiling (12.5 to 25 mm). The following filling and finishing operations are simplified by a special protection template, and the luminaire is recessed in the adapter by means of an anti-fall steel wire spring.

Colour

White (01)

Weight (Kg)

0.34

Mounting

wall recessed|ceiling recessed

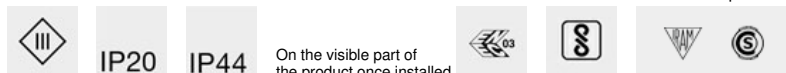
Wiring

Direct current ballasts are available with a separate code no.: ON-OFF / 1-10V dimmable / DALI dimmable / Trailing Edge dimmable - the recessed fitting includes a cable and a quick-coupling connector to connect it to the connector on the ballast.

Notes

A wide range of decorative accessories and diffusers is available - a special protection template is also included to facilitate decorating the ceiling around the flush finish.

Complies with EN60598-1 and pertinent regulations



On the visible part of the product once installed

Technical data

Im system:	1013	CRI (minimum):	90
W system:	9.9	Colour temperature [K]:	3000
Im source:	1250	MacAdam Step:	2
W source:	9.9	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	102.3	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]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	81	Number of optical assemblies:	1
Beam angle [°]:	56°	LED current [mA]:	300

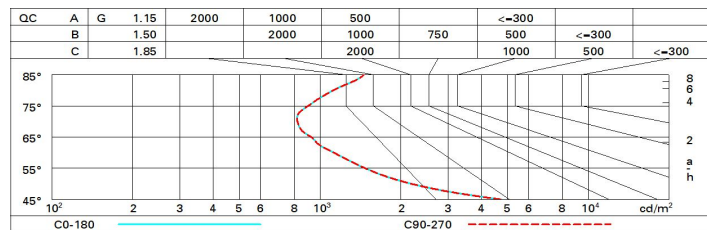
Polar

Imax=1345 cd		CIE		Lux			
90°	180°	90°		h	d	Em	Emax
		nL 0.81 98-100-100-100-81 UGR 15.8-15.8 DIN A.61 UTE 0.81A+0.00T F*1=984 F*1+F*2=997 F*1+F*2+F*3=999 CIBSE LG3 L<1500 cd/m² at 65° UGR<16 L<1500 cd/mq @ 65°		1	1.1	1038	1324
				2	2.1	259	331
				3	3.2	115	147
				4	4.3	65	83
α=56°							

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	73	69	66	64	68	66	65	63	77
1.0	76	72	70	68	72	69	69	66	82
1.5	80	77	75	73	76	74	74	71	88
2.0	82	80	79	78	79	78	77	75	92
2.5	84	82	81	80	81	80	79	77	95
3.0	85	84	83	82	83	82	81	79	97
4.0	86	85	85	84	84	83	82	80	99
5.0	86	86	85	85	85	84	83	81	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 1250 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	10.3	10.9	10.6	17.2	17.4	10.3	10.9	10.6	17.2	17.4
	3H	10.2	10.7	10.5	17.0	17.3	10.2	10.7	10.5	17.0	17.3
	4H	10.1	10.6	10.5	16.9	17.2	10.1	10.6	10.5	16.9	17.2
	6H	10.1	10.5	10.4	16.8	17.2	10.0	10.5	10.4	16.8	17.1
	8H	10.0	10.5	10.4	16.8	17.1	10.0	10.5	10.4	16.8	17.1
	12H	10.0	10.4	10.4	16.8	17.1	10.0	10.4	10.3	16.7	17.1
4H	2H	10.1	10.6	10.5	16.9	17.2	10.1	10.6	10.5	16.9	17.2
	3H	10.0	10.4	10.4	16.7	17.1	10.0	10.4	10.4	16.8	17.1
	4H	15.9	16.3	16.3	16.6	17.0	15.9	16.3	16.3	16.6	17.0
	6H	15.8	16.2	16.3	16.6	17.0	15.8	16.2	16.2	16.5	17.0
	8H	15.8	16.1	16.2	16.5	17.0	15.8	16.1	16.2	16.5	16.9
	12H	15.8	16.0	16.2	16.5	16.9	15.7	16.0	16.2	16.4	16.9
8H	4H	15.8	16.1	16.2	16.5	16.9	15.8	16.1	16.2	16.5	17.0
	6H	15.7	16.0	16.2	16.4	16.9	15.7	16.0	16.2	16.4	16.9
	8H	15.7	15.9	16.2	16.4	16.9	15.7	15.9	16.2	16.4	16.9
	12H	15.6	15.8	16.1	16.3	16.8	15.6	15.8	16.1	16.3	16.8
12H	4H	15.7	16.0	16.2	16.4	16.9	15.8	16.0	16.2	16.5	16.9
	6H	15.7	15.9	16.1	16.3	16.8	15.7	15.9	16.2	16.4	16.9
	8H	15.6	15.8	16.1	16.3	16.8	15.6	15.8	16.1	16.3	16.8
Variations with the observer position at spacing:											
S =		6.2 / -10.9					6.2 / -10.9				
		9.0 / -11.4					9.0 / -11.4				
		11.0 / -11.6					11.0 / -11.6				