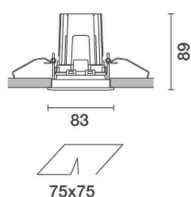
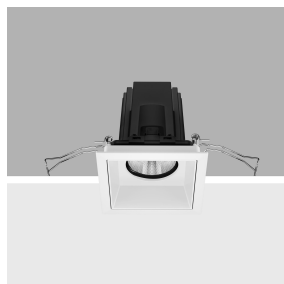


Last information update: April 2025

**Product configuration: Q815.01**

Q815.01: Fixed square recessed luminaire - LED - wide flood - Super Comfort - 10W 1004.4lm - 2700K - CRI 90 - White

**Product code**

Q815.01: Fixed square recessed luminaire - LED - wide flood - Super Comfort - 10W 1004.4lm - 2700K - CRI 90 - White

**Technical description**

Square recessed luminaire with contact frame. 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°). Structure with die-cast aluminium external contact frame with a single white finish. The internal ring is made of thermoplastic available in a range of painted and metallised finishes. Safety glass included Quick and easy tool free assembly. High color rendering index 2700K LED. Power unit available with a separate code no.

**Installation**

Recessed in a false ceiling by means of an anti-fall steel wire spring - minimum thickness of false ceiling: 1 mm - preparation slot: 75 x 75 mm.

**Colour**  
White (01)

**Weight (Kg)**  
0.26

**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.

Complies with EN60598-1 and pertinent regulations



IP20

IP44

On the visible part of the product once installed

**Technical data**

lm system:	1004	CRI (minimum):	90
W system:	10	Colour temperature [K]:	2700
lm source:	1240	MacAdam Step:	2
W source:	10	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	100.4	Lamp code:	LED
lm 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

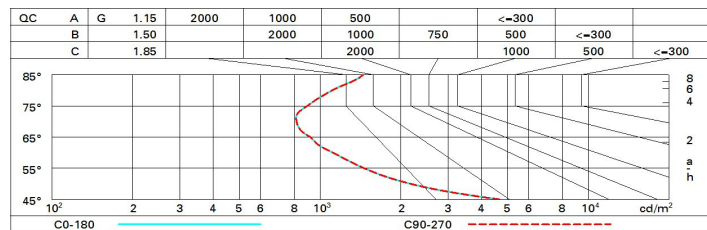
**Polar**

		<b>CIE</b> nL 0.81 98-100-100-100-81 UGR 15.8-15.7 <b>DIN</b> A.61 <b>UTE</b> 0.81A+0.00T F*1=984 F*1.4+F*2=997 F*1.4+F*2+F*3=999 <b>CIBSE</b> LG3 L<1500 cd/m² at 65° UGR<16   L<1500 cd/mq @65°		<b>Lux</b>			
h	d	Em	Emax				
1	1.1	1030	1314				
2	2.1	257	328				
3	3.2	114	146				
4	4.3	64	82				

# 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 1240 lm bare lamp luminous flux)											
Reflect.: ceiling walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	10.3	10.9	10.6	17.1	17.4	10.3	10.9	10.6	17.1	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	10.4	16.9	17.2	10.1	10.6	10.4	16.9	17.2
	6H	10.0	10.5	10.4	16.8	17.1	10.0	10.5	10.4	16.8	17.1
	8H	10.0	10.5	10.4	16.8	17.1	10.0	10.4	10.3	16.8	17.1
	12H	10.0	10.4	10.3	16.7	17.1	15.9	10.4	10.3	16.7	17.1
4H	2H	10.1	10.6	10.4	16.9	17.2	10.1	10.6	10.4	16.9	17.2
	3H	10.0	10.4	10.3	16.7	17.1	10.0	10.4	10.3	16.7	17.1
	4H	15.9	10.3	10.3	16.6	17.0	15.9	10.3	10.3	16.6	17.0
	6H	15.8	10.1	10.2	16.5	17.0	15.8	10.1	10.2	16.5	16.9
	8H	15.8	10.1	10.2	16.5	16.9	15.7	10.1	10.2	16.5	16.9
	12H	15.7	10.0	10.2	16.4	16.9	15.7	10.0	10.2	16.4	16.9
8H	4H	15.7	10.1	10.2	16.5	16.9	15.8	10.1	10.2	16.5	16.9
	6H	15.7	15.9	10.1	16.4	16.9	15.7	15.9	10.2	16.4	16.9
	8H	15.6	15.9	10.1	16.3	16.8	15.6	15.9	10.1	16.3	16.8
	12H	15.6	15.8	10.1	16.3	16.8	15.6	15.8	10.1	16.3	16.8
12H	4H	15.7	10.0	10.2	16.4	16.9	15.7	10.0	10.2	16.4	16.9
	6H	15.6	15.8	10.1	16.3	16.8	15.7	15.9	10.1	16.3	16.8
	8H	15.6	15.8	10.1	16.3	16.8	15.6	15.8	10.1	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				