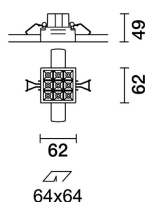
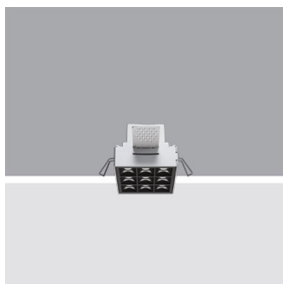


iGuzzini

QR75: Minimal 9 cells - Flood beam - LED



QR75: Minimal 9 cells - Flood beam - LED

Square miniaturised recessed luminaire with 9 optical elements for LED lamps - fixed optic. Despite the ultracompact size of the product, the patented technology of the optic system guarantees an efficient flow and a high level of controlled glare visual comfort. Main body with die-cast zamak radiant surface, minimal (frameless) version for mounting flush with the ceiling. Metallised, thermoplastic, high definition Opti Beam reflectors, integrated in a set-back position in the anti-glare screen.

Recessed with steel wire springs on the specific adapter (included) which allows flush-mounting with the ceiling. Adapter fixed to false ceiling (compatible thicknesses of 12.5 / 15 / 20 mm) with screws; subsequent filling and smoothing operations; insertion of luminaire body and aesthetic end finishing. A special protective sheath allows finishing operations on the plasterboard to be simplified and speeded up. Preparation hole 65 x 65.

Colour
White (01) | Black (04)

Weight (Kg)
0.37

wall recessed|ceiling recessed

On the power supply unit with terminal board is not included.

The special steel wire spring provided is required to facilitate the eventual extraction of the recessed body once it has been inserted.

Complies with EN60598-1 and pertinent regulations



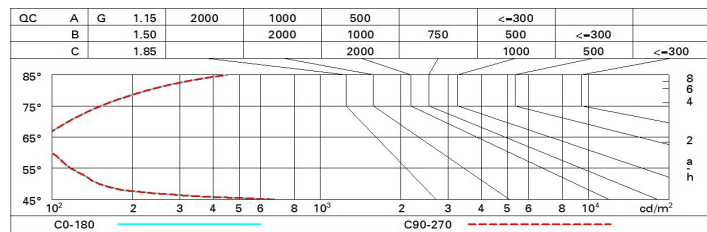
Im system:	1204	Colour temperature [K]:	3000
W system:	15	MacAdam Step:	2
Im source:	1450	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W source:	15	Voltage [Vin]:	230
Luminous efficiency (lm/W, real value):	80.2	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	83	Number of optical assemblies:	1
Beam angle [°]:	43°	LED current [mA]:	600
CRI (minimum):	90		

<p>$I_{\max}=2472 \text{ cd}$</p> <p>$\alpha=42^\circ$</p>	CIE nL 0.83 100-100-100-100-83 UGR <10<10 DIN A.61 UTE 0.83A+0.00T F*1=999 F*1+F*2=1000 F*1+F*2+F*3=1000 CIBSE LG3 L<1500 cd/m ² at 65° UGR<10 L<1500 cd/mq @65°	Lux			
	h	d	Em	E_{max}	
	2	1.5	503	613	
	4	3.1	126	153	
	6	4.6	56	68	
8	6.1	31	38		

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	75	71	68	66	70	68	68	65	78
1.0	78	75	72	70	74	72	71	69	83
1.5	82	80	77	76	79	77	76	74	89
2.0	85	83	81	80	82	80	79	77	93
2.5	86	85	84	83	84	83	82	79	96
3.0	87	86	85	85	85	84	83	81	98
4.0	88	87	87	86	86	86	84	82	99
5.0	89	88	88	88	87	87	85	83	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 1450 lm bare lamp luminous flux)										
Reflect.: ceiling 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
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
		viewed crosswise					viewed endwise			
2H	2H	0.6	7.2	0.9	7.4	7.7	0.6	7.2	0.9	7.4
	3H	0.5	7.0	0.8	7.3	7.6	0.5	7.0	0.8	7.3
	4H	0.4	6.9	0.8	7.2	7.5	0.4	6.9	0.8	7.2
	6H	0.4	6.8	0.7	7.1	7.4	0.4	6.8	0.7	7.1
	8H	0.3	6.8	0.7	7.1	7.4	0.3	6.7	0.7	7.1
	12H	0.3	6.7	0.7	7.0	7.4	0.3	6.7	0.7	7.0
4H	2H	0.4	6.9	0.8	7.2	7.5	0.4	6.9	0.8	7.2
	3H	0.3	6.7	0.7	7.0	7.4	0.3	6.7	0.7	7.0
	4H	0.2	6.6	0.6	6.9	7.3	0.2	6.6	0.6	6.9
	6H	0.1	6.4	0.5	6.8	7.2	0.1	6.4	0.5	6.8
	8H	0.1	6.4	0.5	6.8	7.2	0.1	6.4	0.5	6.8
	12H	0.0	6.3	0.5	6.7	7.2	0.0	6.3	0.5	6.7
8H	4H	0.1	6.4	0.5	6.8	7.2	0.1	6.4	0.5	6.8
	6H	0.0	6.2	0.4	6.7	7.1	0.0	6.2	0.4	6.7
	8H	5.9	6.1	6.4	6.6	7.1	5.9	6.1	6.4	6.6
	12H	5.9	6.1	6.4	6.6	7.1	5.9	6.1	6.4	6.5
12H	4H	0.0	6.3	0.5	6.7	7.2	0.0	6.3	0.5	6.7
	6H	5.9	6.1	6.4	6.6	7.1	5.9	6.1	6.4	6.6
	8H	5.9	6.1	6.4	6.5	7.1	5.9	6.1	6.4	6.6
Variations with the observer position at spacing:										
S =		1.0H	7.0 / -14.5				7.0 / -14.5			
		1.5H	9.8 / -14.7				9.8 / -14.7			
		2.0H	11.8 / -14.8				11.8 / -14.8			