Design iGuzzini

iGuzzini

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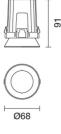
Fixed round recessed luminaire - Minimal - Warm Dimming - medium - Super Comfort



Product code QA60

Technical description

Minimal round recessed luminaire (frameless). Super Comfort fixed 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 - medium optic. Die-cast aluminium structure designed for flush with ceiling installation - a specific adapter with a separate code is available for false ceilings. This is indispensable for installing recessed luminaires. The internal ring is made of thermoplastic available in a range of painted and metallised finishes. Safety glass included Warm Dimming LED lamp: when the lamp is dimmed the colour temperature varies from 2700K to 1800K in order to maintain a comfortable light effect and a high color rendering index. Power unit available with a separate code no.



Installation

The luminaire is recessed in the adapter (QA82) by means of an anti-fall steel wire spring, previously installed on the ceiling that can be between 12.5 and 25 mm thick. A special steel spring required to extract the main body of the adapter after it has been installed is included in the package.

Dimension (mm) Ø68x91

Colour

White (01) | Black (04) | Chrome (10) | Brass (14) | (E6) | (E8)

Weight (Kg)

0.13

Mounting

ceiling recessed

Wiring

DALI dimmable direct current ballast available with a separate code - 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.



Product configuration: QA60.01+QA82.04

QA82.04: Frame / adapter for Minimal round fixed recessed luminaire Ø75 - Black

Product characteristics

 Total lighting output [Lm]: 540
 Total luminous flux at or above an angle of 90° [Lm]: 0

 Total power [W]: 10
 Emergency luminous flux [Lm]: /

 Luminous efficacy [Lm/W]: 54
 Voltage [V]:

 Life Time: > 50,000h - L70 - B10 (Ta 25°C)
 Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 83 Lamp code: LED ZVEI Code: LED Nominal power [W]: 10 Nominal luminous [Lm]: 650 Lamp maximum intensity [cd]: / Beam angle [°]: 28° Number of lamps for optical assembly: 1 Socket: / Ballast losses [W]: 0 Colour temperature [K]: / CRI: 90 Wavelength [Nm]: / MacAdam Step: 3

Complies with EN60598-1 and pertinent regulations

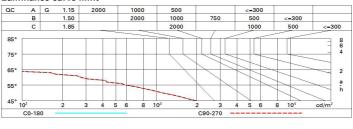
Polar

Imax=1891 cd	CIE	Lux					
90° 180° 90°	nL 0.83 99-100-100-100-83 UGR <10-<10	h	d	Em	Emax		
	DIN A.61 UTE	2	1	394	473		
	0.83A+0.00T F"1=992	4	2	98	118		
2000	F"1+F"2=1000 F"1+F"2+F"3=1000 CIBSE	6	3	44	53		
α=28°	LG3 L<1500 cd/m² at 65° UGR<10 L<1500 cd/mq @	9 _{65°} 8	4	25	30		

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	75	71	68	66	70	68	67	65	78
1.0	78	75	72	70	74	71	71	68	82
1.5	82	79	77	76	78	77	76	73	88
2.0	85	83	81	80	81	80	79	77	93
2.5	86	85	84	83	83	82	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	87	87	86	85	83	100

Luminance curve limit



Rifle	et :											
ceil/cav walls work pl.		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30	
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30	
							0.20	0.20				
Room dim		0.20	0.20	viewed		0.20	0.10	0.20	viewed	0.20	0.20	
x	У		crosswise				endwise					
2H	2H	1.8	3.9	2.2	4.2	4.6	1.8	3.9	2.2	4.2	4.6	
	ЗН	1.6	3.3	2.0	3.7	4.0	1.7	3.4	2.1	3.7	4.0	
	4H	1.6	3.0	2.0	3.3	3.7	1.6	3.0	2.0	3.4	3.7	
	6H	1.5	2.7	1.9	3.0	3.4	1.6	2.7	1.9	3.0	3.4	
	BH	1.5	2.6	1.9	2.9	3.3	1.5	2.6	1.9	3.0	3.3	
	12H	1.4	2.5	1.9	2.9	3.3	1.5	2.5	1.9	2.9	3.3	
4H	2H	1.6	3.0	2.0	3.4	3.7	1.6	3.0	2.0	3.3	3.7	
	ЗH	1.5	2.6	1.9	2.9	3.3	1.5	2.6	1.9	2.9	3.3	
	4H	1.4	2.4	1.8	2.8	3.2	1.4	2.4	1.8	2.8	3.2	
	6H	1.0	2.7	1.5	3.1	3.6	1.0	2.7	1.5	3.1	3.6	
	8H	0.9	2.8	1.4	3.2	3.7	0.9	2.8	1.4	3.2	3.7	
	12H	8.0	2.7	1.3	3.2	3.7	8.0	2.7	1.3	3.2	3.7	
вн	4H	0.9	2.8	1.4	3.2	3.7	0.9	2.8	1.4	3.2	3.7	
	6H	8.0	2.6	1.3	3.1	3.6	8.0	2.6	1.3	3.1	3.6	
	HS	0.7	2.4	1.2	2.9	3.4	0.7	2.4	1.2	2.9	3.4	
	12H	0.9	1.9	1.4	2.4	3.0	0.9	1.9	1.4	2.4	3.0	
12H	4H	0.8	2.7	1.3	3.2	3.7	8.0	2.7	1.3	3.2	3.7	
	6H	0.7	2.4	1.2	2.9	3.4	0.7	2.4	1.2	2.9	3.4	
	8H	0.9	1.9	1.4	2.4	3.0	0.9	1.9	1.4	2.4	3.0	
Varia	tions wi	th the ol	bserverp	osition	at spacir	ng:	0.0					
S =	1.0H	4.5 / -7.1					4.5 / -7.1					
	1.5H	7.2 / -14.0					7.2 / -14.0					