

Last information update: June 2018

**Fixed round recessed luminaire - Minimal - medium - Super Comfort****Product code**
QA48**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 LED lamp with high color rendering index. Power unit available with a separate code no.

Installation

The luminaire is recessed in the adapter (QA80) 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)
Ø51x79**Colour**
White (01) | Black (04) | Chrome (10) | Brass (14) | (E6) | (E8)**Weight (Kg)**
0.1**Mounting**
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

**Product configuration: QA48.01+QA80.04**

QA80.04: Frame / adapter for Minimal round recessed luminaire Ø59 - Black

Product characteristics

Total lighting output [Lm]: 489
Total power [W]: 7.3
Luminous efficacy [Lm/W]: 67
Life Time: > 50,000h - L80 - B10 (Ta 25°C)

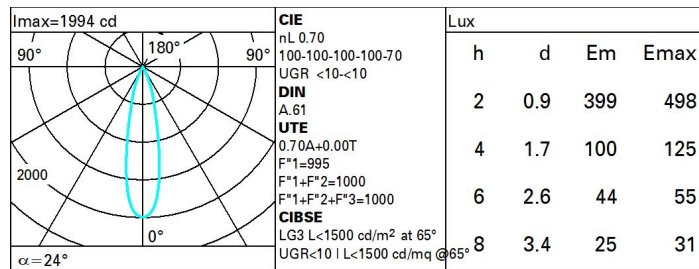
Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: -
Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 70
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 7.3
Nominal luminous [Lm]: 700
Lamp maximum intensity [cd]: /
Beam angle [°]: 24°

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 0
Colour temperature [K]: 3000
CRI: 90
Wavelength [Nm]: /
MacAdam Step: 3

Polar



UGR diagram

Corrected UGR values (at 600 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	0.0	2.2	0.4	2.5	2.8	0.0	2.2	0.4	2.5	2.8	
	3H	-0.1	1.5	0.3	1.9	2.2	-0.1	1.5	0.3	1.9	2.2	
	4H	-0.2	1.2	0.2	1.5	1.9	-0.2	1.2	0.2	1.5	1.9	
	6H	-0.2	0.8	0.2	1.2	1.5	-0.2	0.8	0.2	1.2	1.5	
	8H	-0.2	0.8	0.1	1.1	1.5	-0.2	0.8	0.2	1.1	1.5	
	12H	-0.3	0.7	0.1	1.1	1.5	-0.3	0.7	0.1	1.1	1.5	
4H	2H	-0.2	1.2	0.2	1.5	1.9	-0.2	1.2	0.2	1.5	1.9	
	3H	-0.3	0.7	0.1	1.1	1.5	-0.3	0.7	0.1	1.1	1.5	
	4H	-0.4	0.6	0.0	1.0	1.4	-0.4	0.6	0.0	1.0	1.4	
	6H	-0.8	0.9	-0.3	1.4	1.9	-0.8	0.9	-0.3	1.4	1.8	
	8H	-0.9	1.0	-0.4	1.5	2.0	-0.9	1.0	-0.4	1.5	2.0	
	12H	-1.0	1.0	-0.5	1.5	2.0	-1.0	1.0	-0.5	1.4	2.0	
8H	4H	-0.9	1.0	-0.4	1.5	2.0	-0.9	1.0	-0.4	1.5	2.0	
	6H	-1.0	0.8	-0.5	1.3	1.8	-1.0	0.8	-0.5	1.3	1.8	
	8H	-1.0	0.6	-0.5	1.1	1.6	-1.0	0.6	-0.5	1.1	1.6	
	12H	-0.9	0.2	-0.3	0.7	1.2	-0.9	0.2	-0.3	0.7	1.2	
12H	4H	-1.0	1.0	-0.5	1.4	2.0	-1.0	1.0	-0.5	1.5	2.0	
	6H	-1.0	0.6	-0.5	1.1	1.6	-1.0	0.6	-0.5	1.1	1.6	
	8H	-0.9	0.2	-0.3	0.7	1.2	-0.9	0.2	-0.3	0.7	1.2	
Variations with the observer position at spacing:												
S =	1.0H	4.7 / -7.4					4.7 / -7.4					
	1.5H	7.4 / -13.5					7.4 / -13.5					
	2.0H	9.4 / -14.2					9.4 / -14.2					