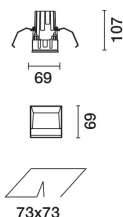
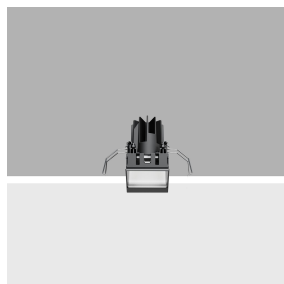


Last information update: June 2024

Product configuration: QK21.04

QK21.04: Minimal 1 cell - Wall Washer - LED - Black

**Product code**

QK21.04: Minimal 1 cell - Wall Washer - LED - Black

Technical description

Recessed luminaire with fixed wall washer optic for LED lamp. Passive heat dissipation system. Lamp body with die-cast aluminium radiant surface, flush with ceiling version (frameless). For recessed installation in a false ceiling a specific adapter is required that is available with a separate item code. Specialised asymmetrical optic system designed to achieve a highly defined light distribution on walls and eliminate any shadow zones. Superpure aluminium reflector/flux enhancer - PMMA screen/refractor and thermoplastic holding structure. Supplied with a dimmable DALI electronic ballast connected to the luminaire.

Installation

The luminaire is recessed in the specific adapter (QK49) by means of a steel wire spring, previously installed on the ceiling that can be between 12.5 and 25 mm thick. To light walls correctly check the installation distances and centre-to-centre distances indicated on the instructions sheet.

Weight (Kg)

0.48

Mounting

ceiling recessed

Wiring

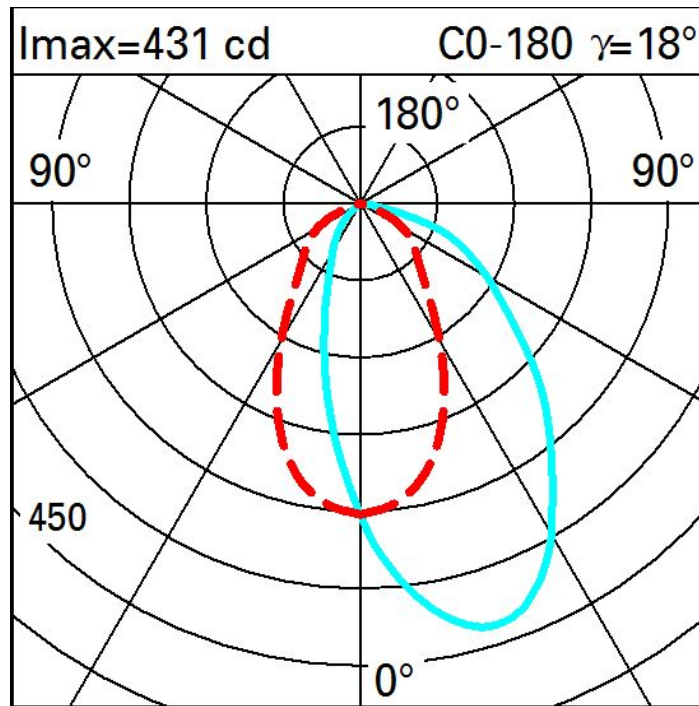
Quick-coupling connections on the ballast unit. Digital electronic cabling that allows dimming to be performed with DALI protocol or a pushbutton switch (read the indications on the instruction sheet carefully).

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	517	Voltage [Vin]:	230
W system:	11.3	Lamp code:	LED
Im source:	1100	Number of lamps for optical assembly:	1
W source:	8.9	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	45.7	Number of optical assemblies:	1
Im in emergency mode:	-	Power factor:	See installation instructions
Total light flux at or above an angle of 90° [Lm]:	0	Inrush current:	16 A / 220 µs
Light Output Ratio (L.O.R.) [%]:	47	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 15 luminaires B16A: 24 luminaires C10A: 24 luminaires C16A: 40 luminaires
CRI (minimum):	90	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Colour temperature [K]:	2700	Dimming mode:	PWM
MacAdam Step:	2	Control:	DALI
Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)		

Polar



Illuminances

Lux												Wall distance = 1 m	
3													
	0.3	1	5	18	56	85	56	18	5	1	0.3		
2	2	4	10	23	58	88	58	23	10	4	2		
	2	4	9	21	45	60	45	21	9	4	2		
1	2	4	8	18	31	38	31	18	8	4	2		
	2	4	7	13	20	23	20	13	7	4	2		
0													
	m	-2	-1	0	1	2	3						