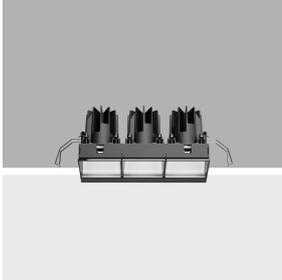


Last information update: October 2024

**Product configuration: QK28.04**

QK28.04: Minimal 3 cells - Wall Washer - LED - Black



**Product code**

QK28.04: Minimal 3 cells - Wall Washer - LED - Black

**Technical description**

Recessed luminaire with a three compartment fixed wall washer optic for an 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. The adjacent position of the asymmetrical units creates a substantial reduction of direct glare. Reflectors - superpure aluminium flux enhancers - PMMA screens-refractors and a thermoplastic case. Supplied with a dimmable DALI electronic ballast connected to the luminaire.

**Installation**

The luminaire is recessed in the specific adapter (QK51) 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)**

1.24

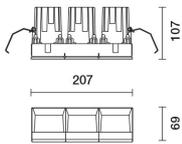
**Mounting**

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).

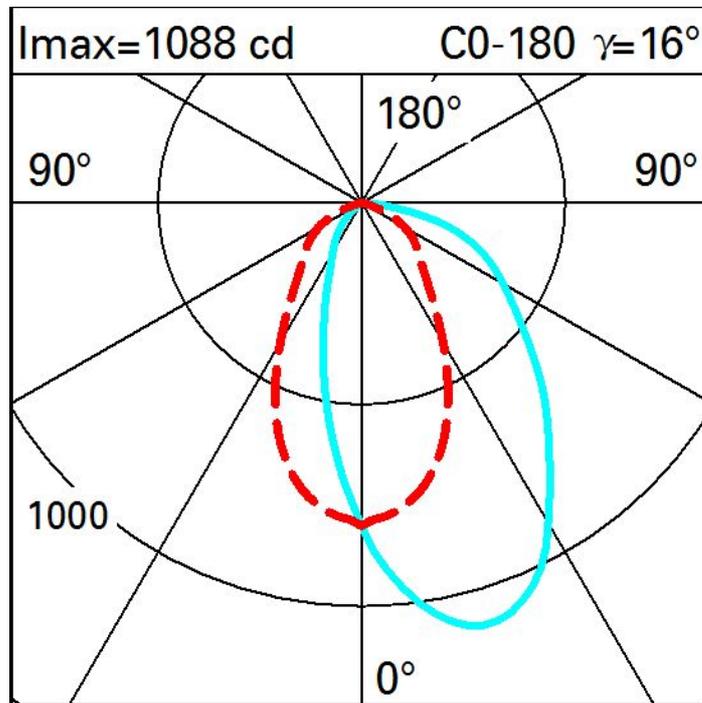
Complies with EN60598-1 and pertinent regulations



**Technical data**

Im system:	1333	Voltage [Vin]:	230
W system:	28.3	Lamp code:	LED
Im source:	3100	Number of lamps for optical assembly:	1
W source:	25	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	47.1	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:	10 A / 200 µs
Light Output Ratio (L.O.R.) [%]:	43	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 18 luminaires B16A: 30 luminaires C10A: 31 luminaires C16A: 51 luminaires
CRI (minimum):	90	Minimum dimming %:	1
Colour temperature [K]:	2700	Overvoltage protection:	5kV Common mode & 4kV Differential mode
MacAdam Step:	2	Dimming mode:	CCR
Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)	Control:	DALI

Polar



Illuminances

Lux		Wall distance = 1m											
3													
		0.9	3	12	42	142	256	142	42	12	3	0.9	
2		4	11	25	59	148	224	148	59	25	11	4	
		6	12	23	54	112	148	112	54	23	12	6	
1		6	10	21	45	77	94	77	45	21	10	6	
		5	10	19	34	50	57	50	34	19	10	5	
0													
	m	-2	-1	0	1	2	3						