

Last information update: April 2024

### Product configuration: Q424+Q448

Q448: Plate - Down Office / Working UGR < 19 - Neutral LED - DALI - L 896



### Product code

Q448: Plate - Down Office / Working UGR < 19 - Neutral LED - DALI - L 896

### Technical description

LED module set up for housing in initial or intermediate system profiles with screen for controlled luminance - down emission. DALI dimmable control gear integrated in the luminaire. Extruded aluminium heat sink; high emission yield flux enhancer. Neutral LED.

### Installation

Module insertion on profiles facilitated by a quick coupling system.

### Colour

Indeterminate (00)

### Weight (Kg)

1.2

### Wiring

Quick coupling terminal block connection to simplify connections between the luminaires. LED module complete with integrated dimmable DALI control gear.

Complies with EN60598-1 and pertinent regulations



### Technical data

Im system:	1440.0	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25C)
W system:	11.9	Voltage [Vin]:	230
Im source:	2000	Lamp code:	LED
W source:	10	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	121.01	ZVEI Code:	LED
Im in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	0.0	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	72	Inrush current:	18 A / 250 µs
Beam angle [°]:	68° / 78°	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 21 luminaires B16A: 34 luminaires C10A: 35 luminaires C16A: 57 luminaires
CRI:	80	Minimum dimming %:	1
Colour temperature [K]:	4000	Overvoltage protection:	2kV Common mode & 1kV Differential mode
MacAdam Step:	3	Control:	DALI-2