



Spotlight Q7E Serie

LED Framing Projector Bluetooth



Bluetooth™
4.0
Low Energy

The LED Q7E serie framing projector has been developed to meet the particular needs of museums and architecture.

Ideal for replacing incandescent lighting sources, this range of framing projectors uses a 24W LED module with a color temperature of 3000°K (warm white) and 4000°K (neutral white), high intensity, with typical CRI (Ra) and red rendering (R9) indexes of 97 and 95 respectively.

The luminous flux is manually adjustable from 0 to 100% via a smartphone or a computer connected in Bluetooth. The intensity emitted is comparable to a projector equipped with a 100W halogen bulb.

Associated with one or more intelligent sensor(s), the Q7E projectors transmit on a periodic basis by BLE (Bluetooth Low Energy or Bluetooth Smart) the movement detected by infrared, the level of light received by a work, the temperature, the

humidity and the acceleration.

The optical body, made of aluminum (black or white), allows an efficient passive cooling without any need of a forced cooling.

The light emitted from the LED module covers the spectrum from 400 to 700 nm with no emission in the ultraviolet nor in the infrared.

Power is supplied directly from the mains 230V/60Hz via a 2/3 circuit track adapter. The projector has a vertical adjustment range of 200° and an horizontal adjustment range of 360° in azimuth.

Q7E projectors are delivered naked. As an option, they can be equipped with a shutter/filter holder, a low luminance cone or a filter holder.

This projector is also equipped with a filter holder and an optional SNAP support.

Main Characteristics

- Framing projector : LED system including a dedicated optical module and piloting via Bluetooth.
- Bandwidth: 400 to 700nm, no ultraviolet nor infrared emissions,
- Powerful 24W LED, manually adjustable from 0 to 100% or via Bluetooth,
- Color temperature : 3000°K and 4000°K,
- Lens aperture: : 24°,
- CRI : Ra : 95 / R9 (red) : 90,
- Projecteur delivered naked, in option : shutter/filter holder, low luminance cone.
- Available body color : Black, white
- No forced cooling,
- In compliance with the CE regulation,
- 2 years warranty (see EUROSEP warranty conditions)

Fields of Applications

- Museum lighting,
- Architectural lighting.

EUROSEP
Instruments

Spotlight Q7E LED Framing Projector



Q7E Framing Projector : Piloting

The Q7E framing projector is controlled by :

- A potentiometer located on the power supply box or,
- Using an Apple smartphone and a dedicated application or,
- A computed-based control panel (Windows or Mac environment)

associated with one or more smart sensor(s)

The Q7E framing projectors use Bluetooth Low Energy technology (BLE, Smart Bluetooth) in 2.4GHz.

Leaflet for the different piloting, accessories (sensors, connectors, buttons...) are available on request.

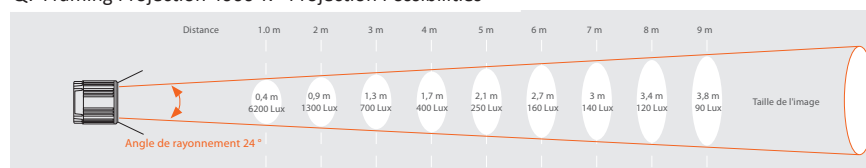
Q7E Framing Projector: The range

	Color T °K	CRI	P (W)	Lux/3m	Body Color
PRSPQ73E	3.000	97	24	700	Black
PRSPQ74E	4.000	97	24	700	Black

Lux/3m : Luminous flux measured at 3m.

Luminous Lighting

Q7 Framing Projection 4000°K - Projection Possibilities



Accessoires

	Description
PRSPQE04	Set shutter/filter holder for Q7E
PRSPQE05	low luminescence cone for Q7E
PRSPQE03	filter holder and SNAP SORAA 2" for Q7E

SNAP 2" for SNAP support Q7E	
LDSO00323	Color filter - 1/4 CTO - 3000°K to 2700°K
LDSO00321	Color filter - 1/2 CTO - 3000°K to 2400°K
LDSO00319	Color filter - 3/4 CTO - 3000°K to 2200°K
LDSO00325	Round diffuser 25°
LDSO00327	Round diffuser 36°
LDSO00329	Round diffuser 60°
LDSO00335	Round diffuser 25° x 25°
LDSO00337	Round diffuser 36° x 36°
LDSO00331	Oval diffuser 10° x 25°
LDSO00333	Oval diffuser 10° x 36°
LDSO00339	Honeycomb

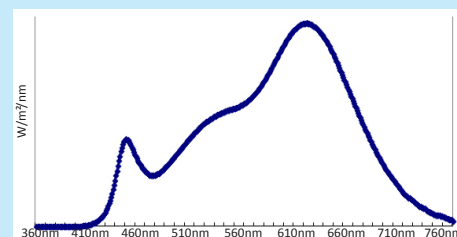


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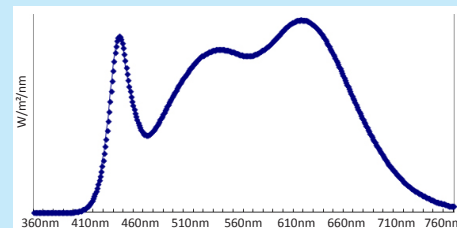
EUROSEP Instruments

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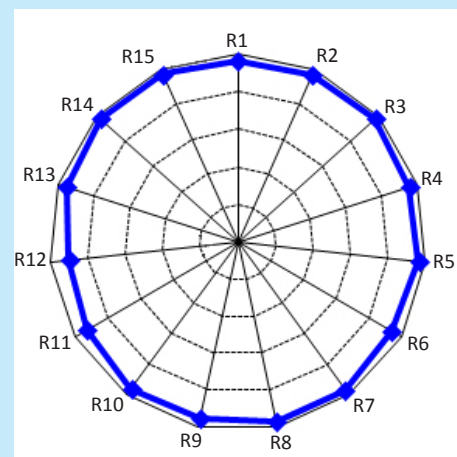
Spectral Characteristics



Spectral distribution 3000°K



Spectral distribution 4000°K



Color rendering Index 3000°K/4000°K

Electrical Characteristics :

- Main supply: 230VAC/60Hz by 2/3 circuit track adapter
- Power consumption: 0 to 24W depending of the setting

Physical characteristics :

- Dimensions : 230 x 130 x 160mm,
- Total weight: 1.5kg.

Miscellaneous:

- IP classification : IP20 (indoor use),
- Operating temperature : +10°C/+40°C.