



Spotlight G7L Serie

Bluetooth LED Framing Projector



 **Bluetooth**
SMART



Bluetooth™

4.0

Low Energy

The LED G7L series framing projector has been developed to meet the particular needs of museums and architecture.

Ideal for replacing incandescent light 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%, the emitted intensity is equivalent to a light system equipped with a 100W halogen bulb.

An elaborate optical system (see picture) provides excellent homogeneity, framing being adjusted by 4 quick positioning framing shutters.

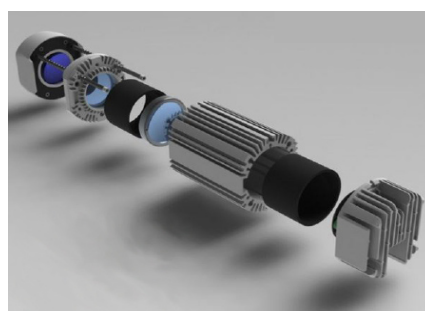
Associated with one or more intelligent sensor(s), the G7L projectors transmit on a periodic basis by BLE (Bluetooth Low Energy or Bluetooth Smart) the movement detected by infrared, the level of light received by a work, the temperature, the humidity and the acceleration.

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

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

Power is supplied directly from the main 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.



Optical module of the framing projector

Main Characteristics

- Framing projector : LED system including a dedicated optical module, steering by BLE
- Bandwidth : 400 to 700 nm, no ultraviolet nor infrared emissions,
- Powerful 24W LED, manually adjustable from 0 to 100%,
- Color temperature : 3000°K and 4000°K
- Lens aperture: 24° and 40°,
- CRI: Ra : 97 / R9 (red) : 95,
- Available body colors : Black or 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 G7L Bluetooth LED Framing Projector

G7 Framing projector : Piloting

The G7L 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 G7L 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.

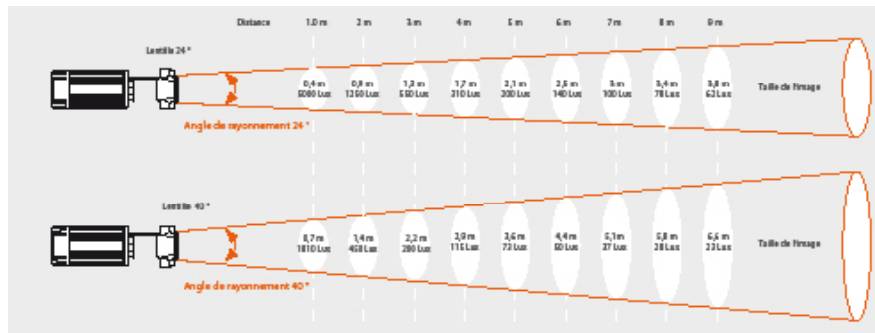
G7 Framing Projector : The Range

	Color T °K	CRI	P (W)	Lux/3m	Body Color	Aperture
PRSPG7324L	3.000	95	20	495	White / Black	24°
PRSPG7340L	3.000	95	20	180	White / Black	40°
PRSPG7424L	4.000	95	20	550	White / Black	24°
PRSPG7440L	4.000	95	20	200	White / Black	40°

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

Luminous Lighting

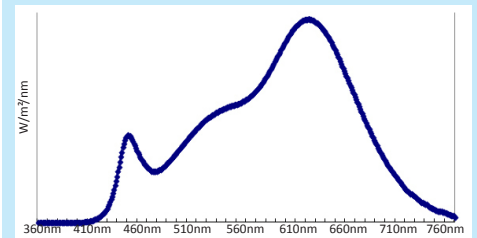
G7 Framing Projection 4000°K - Projection Possibilities



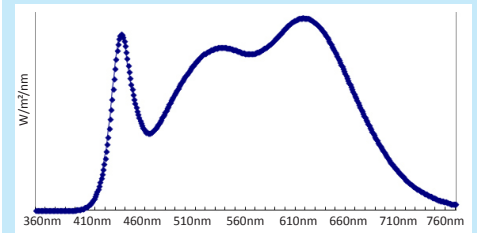
Accessories

	Description
PRKRG110	Gobo Holder Ø37.5mm
PRKRG107	Round Gel Holder Ø76mm
PRSPGL01	Square Gel Holder 70mm
PRSPGL24	Lense Kit 24°
PRSPGL40	Lens Kit 40°

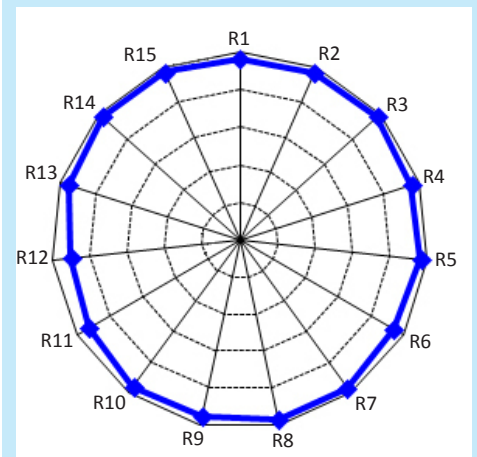
Spectral Characteristics



3000°K Spectral distribution



4000°K Spectral distribution



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 : 270x110x260mm,
- Total weight : 1.5kg.

Miscellaneous :

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



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EUROSEP Instruments

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