



# Spotlight Q2L Serie

## LED Leaf Barndoor Projector

- The LED Q2L series Leaf Barndoor projector has been developed to meet the particular needs of museums and architecture.
- Ideal for replacing incandescent light sources, this range of leaf barndoor projectors uses a 16W 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 95 and 90 respectively.
- The luminous flux is manually adjustable from 20 to 100%, the emitted intensity is equivalent to a light system equipped with a 100W halogen bulb.
- A filter placed at the light beam output provides a "flood" spot whose the size can be adjusted by four leaf barndoors.

The optical body, made of aluminum (black), 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/50Hz via a 2/3-circuit track adaptor. The projector has a vertical adjustment range of 110° and a horizontal adjustment range of 360° in azimuth.



### 1. Important Points



**Before any handling or operation with the leaf barndoor projector, it is essential to take note of the following points:**

- 1.1. The leaf barndoor projector must be installed in a compatible 2/3 circuit track adaptor, stable and securely fastened, away from any source of heat or strong magnetic fields.
- 1.2. The 2/3 circuit track must be connected to a mains voltage between 200-240V / 50-60Hz. If the leaf barndoor projector is permanently connected, it is advisable to install a switch or circuit breaker in the vicinity.
- 1.3. Never operate the leaf barndoor projector when the installation instructions are not followed (see paragraph 4).
- 1.4. Never disassemble the optical module nor the 2/3 circuit track adaptor.

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1.5. Warning: This leaf barndoor projector is a Class A device. In a residential environment, this device may cause low radio interferences. In this case, the user may be required to take appropriate measures to remedy any potential interference.

1.6. Cleaning: The outside of the leaf barndoor projector can be cleaned with a non-corrosive conventional cleaning product without spray and apply with a soft cloth. The cleaning must be done light source off, the whole set back completely at room temperature.



The optical module and the 2/3 circuit track adaptor surfaces can be hot during operation. Before undertaking any manipulation, wait for their complete cooling.

## 2. Warranty Conditions

**EUROSEP** Instruments warrants the full system for a period of 2 years from the date of delivery, when used strictly in accordance with the attached directives of use.

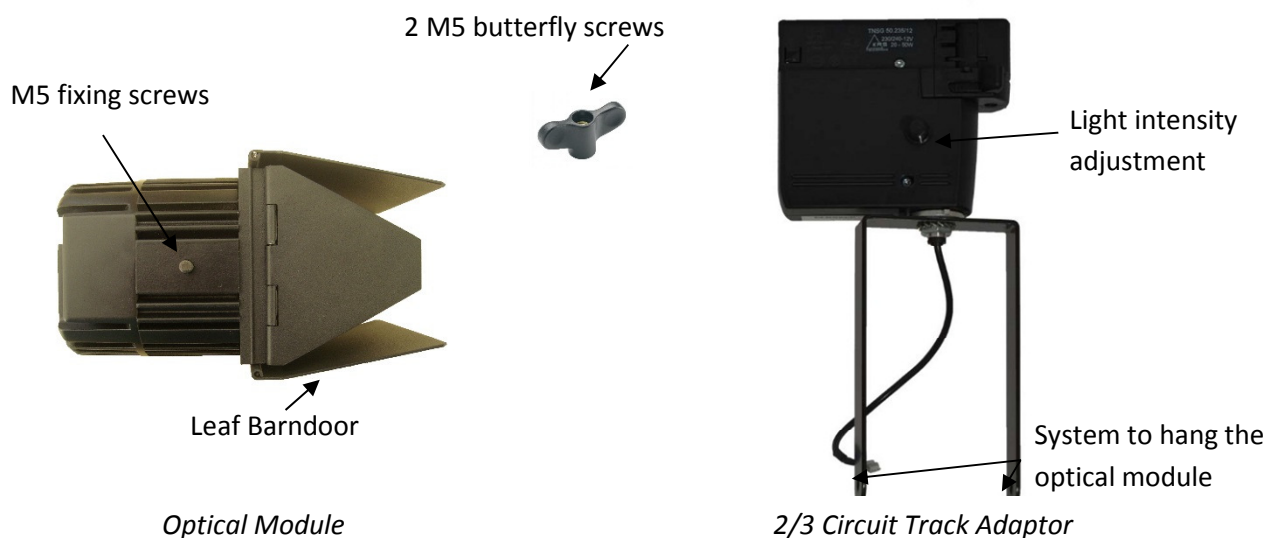
This warranty is strictly limited to repairing or replacing of the damaged product. To enjoy full warranty, the purchaser commits himself to justify his demand by a written request. Also, he has to give to EUROSEP Instruments all his support in order to notice and repair the damages. He should avoid repairing the unit by himself or by someone else unless he got a written agreement from EUROSEP Instruments.

All warranties are excluded for proximate, incidental or consequential damages, negligence, lack of supervision or maintenance, use in non-conformity with the instruction manual directives and replacement or repair due to a fair wear.

EUROSEP Instruments shall in no event be held liable for any damage caused by products supplied by it.

Prior operation, it is essential to take note of the "Important Points" described in paragraph 1.

## 3. Description of the Leaf Barndoor Projector



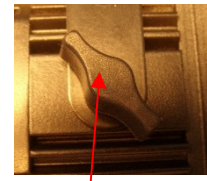
## 4. Operation

### 4.1. 2/3 circuit track adaptor installation

- Insert the 2 tooth lock washers on the threaded shaft of the optical module (1),
- Take the 2/3 circuit track module, slightly spread the 2 arms of its support and position each of them in the threaded shaft,
- Screw the 2 butterfly screws (2),
- Connect the cable on the rear part of the optical module.



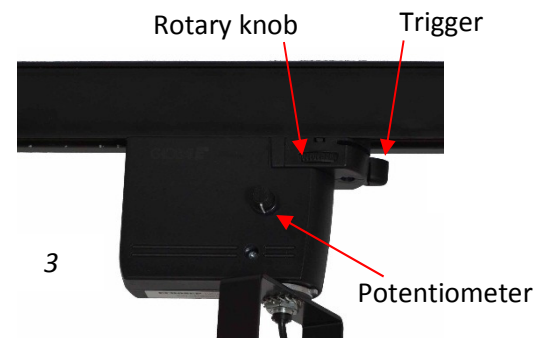
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### 4.2. Installation into the 2/3 circuit track

- Slide the 2/3 circuit track module into a compatible circuit track (3),
- Pull the trigger to fix the position (3),
- Turn the rotary knob to the correct position to ignite (3).



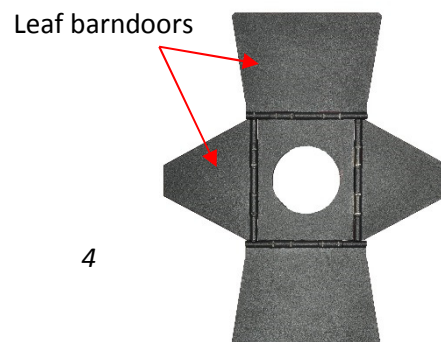
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### 4.3. Luminous intensity adjustment

- The potentiometer located on the 2/3 circuit track module allows the light intensity to be adjusted between 20 and 100% (3).

### 4.4. Leaf barndoor adjustment

- Manually adjust the leaf barndoor position (4).



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## 5. Technical Characteristics

### 5.1. Main Supply

Main supply	200 - 240 VAC
Frequency	50 - 60 Hz
Number of phase	1
Input wattage	From 5 à 20W (depending of the light intensity)

### 5.2. General

Operating temperature	+10 / +40°C
Max. relative humidity	95%
Protection indice	IP20
Dimensions	150x110x260 mm
Poids total	1,2 kg

### 5.3. Optical

Bandwidth	400 à 700 nm
LED Wattage	16 W
CRI (Color Rendering Index)	95 typical

## 5.4. Range of Leaf Barndoor Projectors

Part Number	Color Temp (°K)	Lux/1m*	Body Color
PRSPQ23L	3 000	4500	Black
PRSPQ24L	4 000	5000	Black

\* Light Intensity measured at 1m from the leaf barndoor projector.

### EU DECLARATION OF CONFORMITY

Manufacturer Name **EUROSEP** Instruments  
Address ZI STELYTEC  
42400 SAINT CHAMOND (France)

We, EUROSEP Instruments, declare under our sole responsibility that the products named here-after :

Product Description : LED LEAF BARNDOOR PROJECTOR

Part Number : PRSPQ2XXXL

comply with requirements of following European Directives :

**RoHS Directive :** 2011/65/UE from 08/06/2011

**EMC Directive :** 2014/30/UE from 26/02/2014

**Safety Directive :** 2014/35/UE from 26/02/2014

Product's compliance has been assessed in conformity with the relevant Union harmonization legislation, by applying following standards :

#### Low Voltage Safety

**EN 60598-1 (2015) + EN60598-2-1 (1991) + EN 60598-2-5 (2016)**

#### Electromagnetic Emissions

**EN 55015 (2014)**

**EN 61000-3-2 (2014)** Classe A

**EN 61000-3-3 (2014)**

#### Electromagnetic Immunity

**EN 61000-4-2 (2009), 4-3 (2006 + A1-2008 + A2-2011), 4-4 (2013), 4-5 (2014),**

**4-6 (2014), 4-8 (2010), 4-11 (2004)**

**EN 61547 (2009)**

Saint Chamond, October 1<sup>st</sup>, 2017.



**Thomas MONTICO**  
President

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