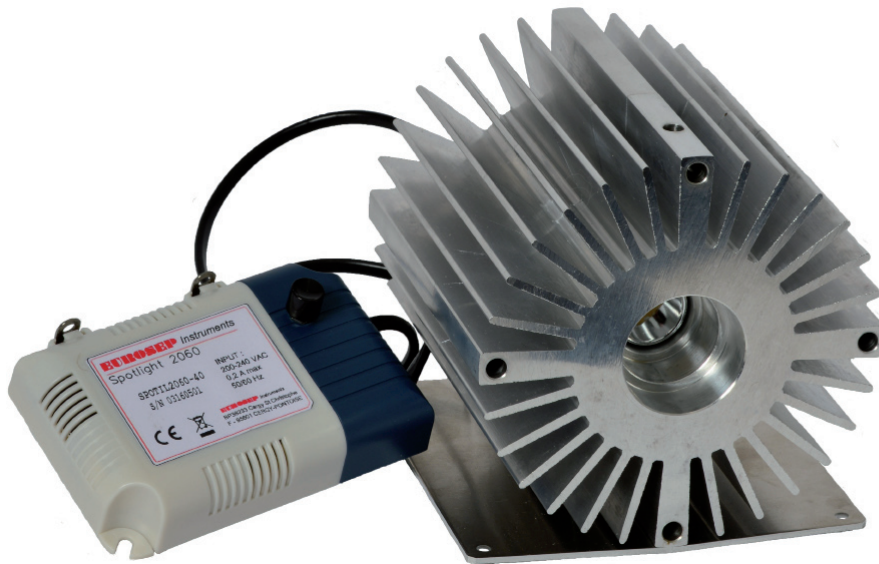




Spotlight IL 2060 Serie

LED Fiber Optic Light Engine



The LED IL2060 serie Fiber Optic Light Engine has been developed to meet the particular needs of museums and architecture.

Ideal for replacing incandescent light sources, this range of fiber optic light engine uses a 18W LED module with a color temperature of 3000°K (warm white), 4000°K (neutral white) and 6500°K (cold white), high intensity, equipped with a special reflector to get a slightly diverging light beam.

The LED IL2060 light engines are delivered with a 30mm fiber optic adapter of diameter (effective diameter 25mm max).

The light intensity is adjustable in using a push button from 1W to 18W, its emitted intensity is at least equivalent to a halogen generator equipped with a bulb greater than 100W.

The lifetime of the LED IL2060 light engine is approximately 30,000

hours (70% of the original light flux).

The optical body, made of aluminum, allows an efficient passive cooling without any need of a forced cooling.

The light emitted from the LED light engine 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.

A special design of the reflector makes an excellent homogeneity at the output of the fiber harness.

Fields of Applications

- Museum lighting,
- Architectural lighting.
- Star effect ceilings.

Main Characteristics

- Light Engine : LED light generator including special designed reflector for light optic fibers,
- Bandwidth: 400 to 700 nm, no ultra-violet nor infrared emissions,
- Powerful 18W LED, manually adjustable from 1W to 18W in using a push button,
- 30mm fiber optic adapter of diameter (effective diameter 25mm max),
- Color Temperature : 3000°K - 4000°K - 6500°K,
- Life time : Approx. 30.000 hours (70% of the original light intensity),
- Passive cooling,
- Compatible with PMMA optic fiber,
- In compliance with the CE regulation,
- 2 years warranty (see EUROSEP warranty conditions).

EUROSEP

Instruments

Spotlight IL 2060 *LED Fiber Optic Light Engine*

Light Source : LED Module

Ideal for replacing existing light systems, the Spotlight IL2060 LED Fiber Optic Light Engine covers a wide range of color temperatures and is compatible with any type of harness having a diameter of less than 30mm and without any forced cooling.

The low power consumption (3 to 25W depending on the setting) allows significant savings of energy compared to conventional light sources. These economies are enhanced by a long life time (30,000 hours), no change of the bulb to operate.

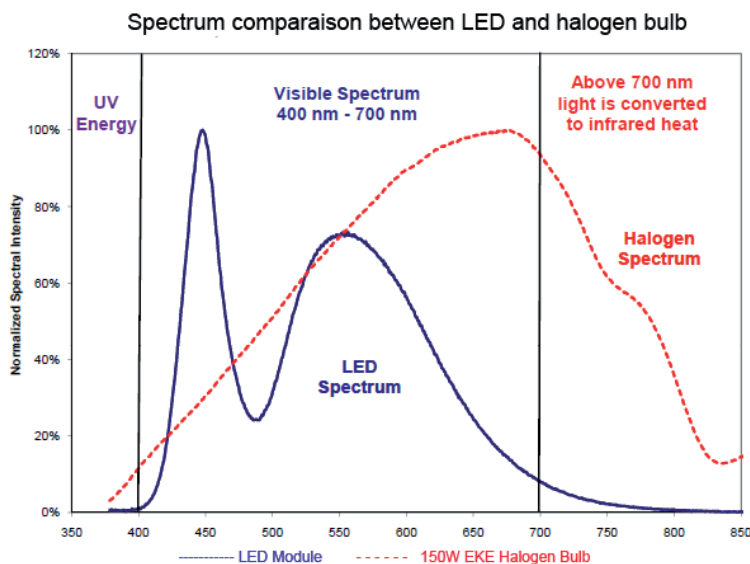
| | Color T. °K | CRI | P (W) | Flux* (Lm) |
|---------------|-------------|-----|--------|------------|
| SPOTIL2060-30 | 3.000 | 80 | 1 à 18 | 320 - 2150 |
| SPOTIL2060-40 | 4.000 | 80 | 1 à 18 | 340 - 2300 |
| SPOTIL2060-65 | 6.500 | 70 | 1 à 18 | 370 - 2470 |

*Typical luminous flux (minimum flux - maximum flux)

Light Intensity : A 100W Halogen Bulb

The light intensity emitted by the Spotlight IL2060 LED Fiber Optic Light Engine is at least equivalent to a conventional light source equipped with a 100W halogen bulb, without any emission of infrared nor ultraviolet radiations for better conservation of light guides.

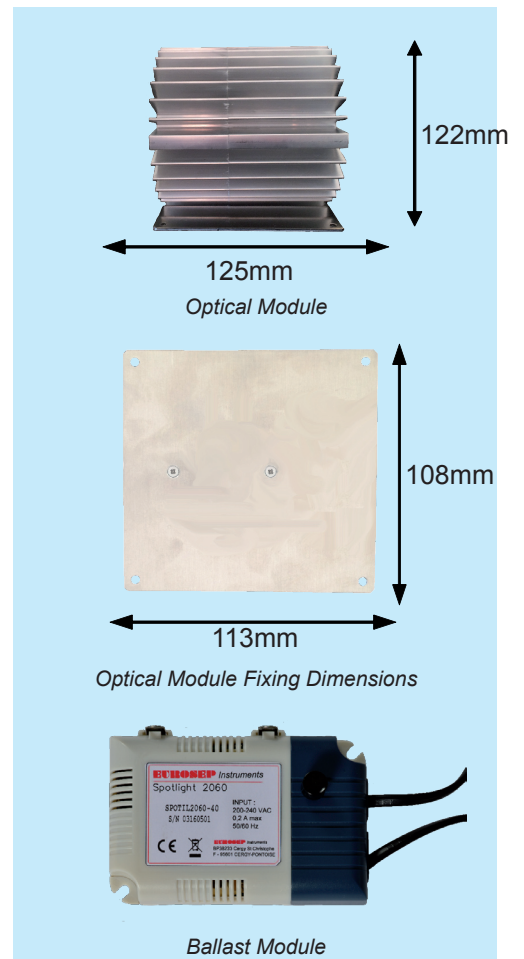
A well-designed reflector provides an excellent homogeneity of the output light beam.



Light Intensity Adjustment

The light intensity is adjustable in using a push button from 1W to 18W.

Physical Dimensions



Electrical Characteristics :

- Main Supply : 200/240VAC, 50/60 Hz,
- Power Consumption : 3W to 25W.

Physical Characteristics :

- Optical Module Dimensions : 125x120x122mm,
- Ballast Dimensions : 105x70x36mm,
- Total Weight : 2.2kgs.

Miscellaneous :

- Life Time : 30.000 hours (70% of the original light intensity),
- IP classification : IP20 (indoor use),
- In compliance with the CE regulation,
- Operating temperature : +10°C/+40°C.

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