



IEC 62471 Compliant Product

MODEL Name:                   EFFI-LSBR-450-6-x                   x=R,G,B,W,IR

LED color:	<input type="checkbox"/> White	<input type="checkbox"/> Red	<input type="checkbox"/> Green	<input type="checkbox"/> Blue	<input type="checkbox"/> IR
Peak Wavelength (typ.)	5500K	630nm	525nm	470nm	940nm
Input current:	1.44A			1.08A	
Power consumption:	37W			28W	

**Please take a while to consider and read this brochure before using your new device.  
If you have any doubt, please refer to the datasheet on the website or contact EFFILUX.**



### User security

- Do not look directly or with any optical instrument the light beam
- Avoid any contact with the LED or with the projection lens
- Use the device in an environment at 0°C to +40°C with no excessive moisture: high humidity and high temperature could damage the device
- Do not use the device in an environment with oil fumes and steam
- Do never try to fix any damages to the product by yourself
- Make sure you are using a correct power supply before connecting the device
- Do not inverse electrical polarity – check your connections and the conventions before turning on the power supply
- Make sure you consider an adapted connector to link the device to the power supply.

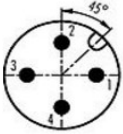
**Any improper use voids the warranty**



## Electronical consideration

### CONNECTOR M12

All the products of the EFFI range are supplied with a 24V DC constant voltage.

Contact arrangement	Pin number	Cable color	Designation
 M12 A-coded Male Connector	1	Brown	+ 24 V
	2	No wire	n.a.
	3	Blue	GND
	4	No wire	n.a.

(Please use within 24V, otherwise it may cause temperature rise or could diminish the lifetime)



## Mechanical consideration

### EXTERIOR DIMENSIONS

Refer to the drawings on a separate sheet.

### WEIGHT

410g

### ACCESSORIES

Diffuser:

EFFO-LSBR-OP-450-6

Polarizer:

EFFO-LSBR-POL-450-6

Made in Singapore by CCS Asia Pte Ltd  
35 Marsiling Industrial Estate Road 3 #05-03 Singapore 739257