



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**

- IP54 Classification: Do not immerse the device in water or any other liquids
- Operating environment: 0 to 40°C - Humidity: 20 to 85RH% (without condensation)
- 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
- The device must be powered by a 24V safety power supply in accordance to local Electrical Safety rules
- Do not inverse electrical polarity – check 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



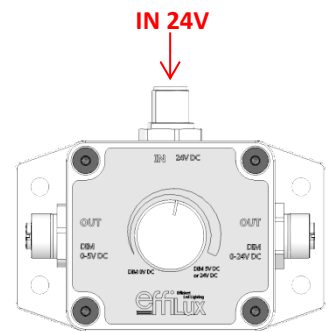
Electronical consideration

POWER SUPPLY

Part number	EFFI-DIMMER-SMART
Electrical power	96W / 24V@4A
Type of INPUT connector	1X M12 male - 5 contacts 24V / 4A max
Type of OUTPUT connector	2X M12 female - 5 contacts You must choose only one output connector according to the correct DIM voltage (10V or 24V). To use with the EFFI-SMART light, use the 0-10V output. 4A max

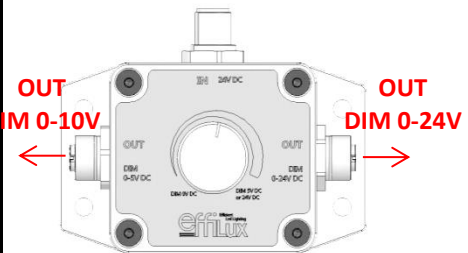
CONTACT ARRANGEMENT

M12 MALE CONNECTOR – IN			
Contact arrangement	Number	Color Contact	Designation
<p>M12 Male connector Standard Version M12 Power Male connector Power Version</p> <p>Connector depends on product version</p>	1	Brown	+24V
	2	White	n.a.
	3	Blue	GND
	4	Black	TRIG IN ⁽¹⁾ - 24V
	5	Grey	n.a.



! (1) CONTINUOUS MODE: Supply TRIG IN with 24V / STROBE MODE: Use an optocoupler to strobe TRIG IN with 24V

M12 FEMALE CONNECTOR ⁽²⁾ – OUT			
Contact arrangement	Number	Color Contact	Designation
<p>M12 female connector</p>	1	Brown	+24V
	2	White	n.a.
	3	Blue	GND
	4	Black	DIM OUT 0-10V or 0-24V
	5	Grey	n.a.



(2) Only one output connector must be used

To use the EFFI-DIMMER with the EFFI-SMART, please use 0-10V output.



Mechanical consideration

DIMENSIONS [in mm] & FIXING

There are 4 holes Ø5.5mm (Please, see mechanical dimensions)

Weight : 200g

