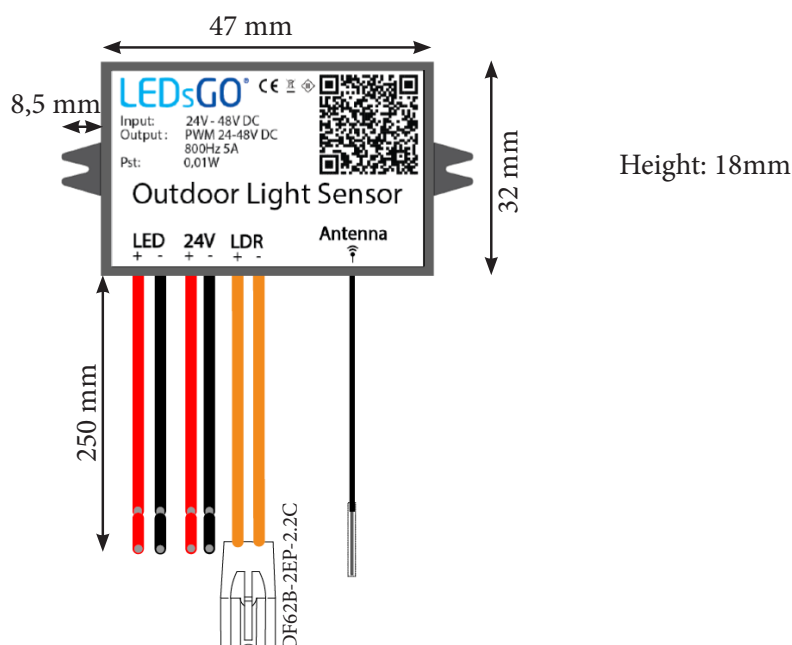


## 164 19 74 00 10 - OUTDOOR AMBIENT LIGHT SENSOR

### 1. Product Features

- The LEDsGO Outdoor Ambient Light Sensor allows the light output of outdoor lighting products to be changed automatically according to the natural ambient light between sunset and sunrise. Especially the perceived light output from the electric outdoor lighting can be set to follow automatically the rising and setting of sunlight. In night time, low light circumstances the human eye needs much less artificial light for orientation and architectural lighting reasons. By setting the right parameters in the Casambi app on your smartphone, the device allows matching the light designers preferences. For safety purposes, the dimming during low light conditions can be overruled by Casambi presence detection devices or via any other contact, bridging the input to output.

### 2. Dimension



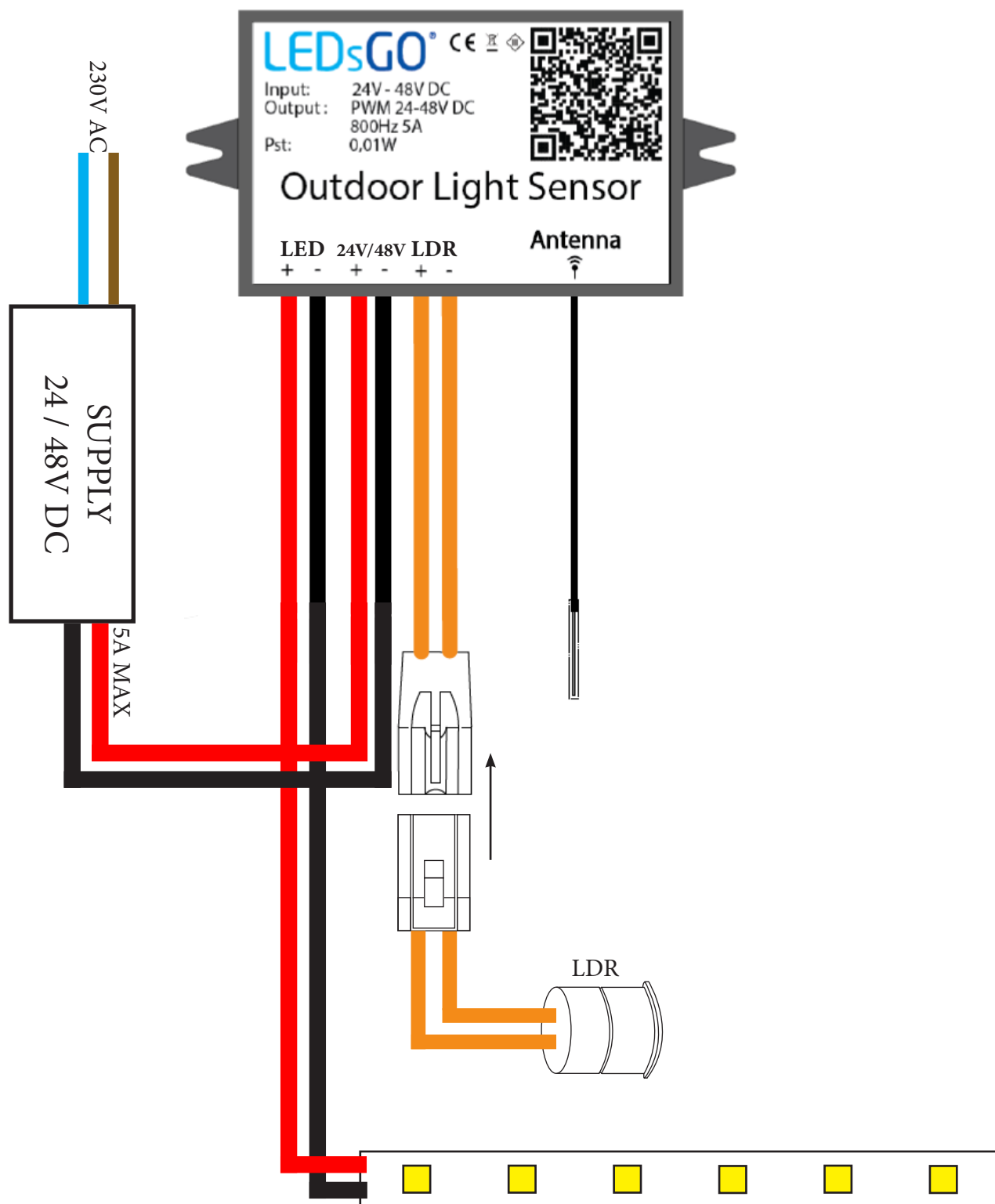
### 3. Technical data

|                     |                               |
|---------------------|-------------------------------|
| Input voltage       | 24/48VDC                      |
| Output voltage      | PWM (24/48VDC, same as input) |
| PWM frequentie      | 800Hz                         |
| Output current max. | 5A (120W@24VDC/ 240W@48VDC)   |
| IP rating           | IP66                          |
| Wire gauges         | 20AWG Stranded                |
| Wire length         | 250mm                         |
| Strip length        | Semi-stripped 10mm            |
| Drill hole for LDR  | 8mm                           |

**LEDsGO BV**

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BTW BE 0824.326.685 | ING IBAN BE47 3630 7083 3480 | BIC BBRUBEBB

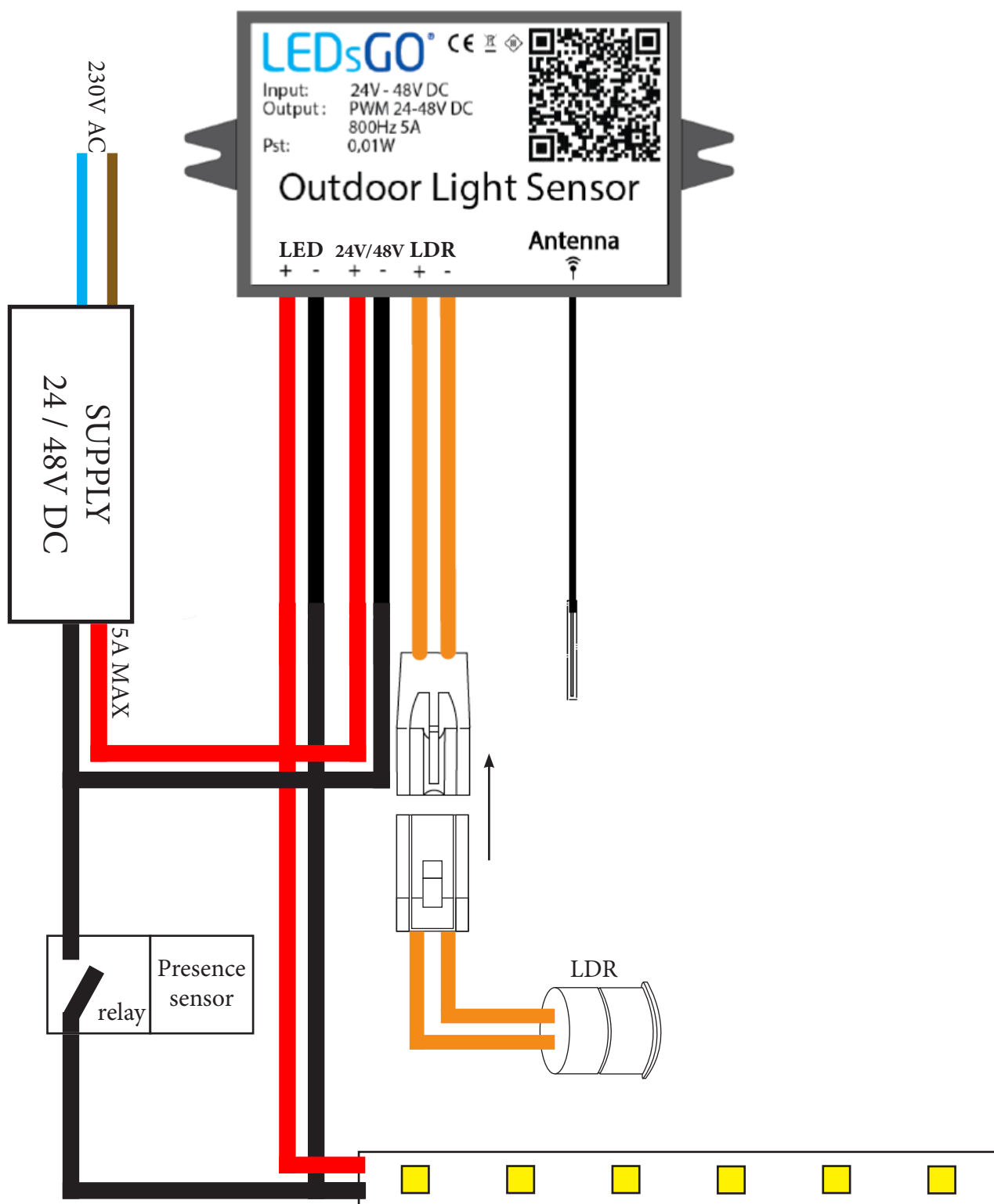
### 3. Basic wiring



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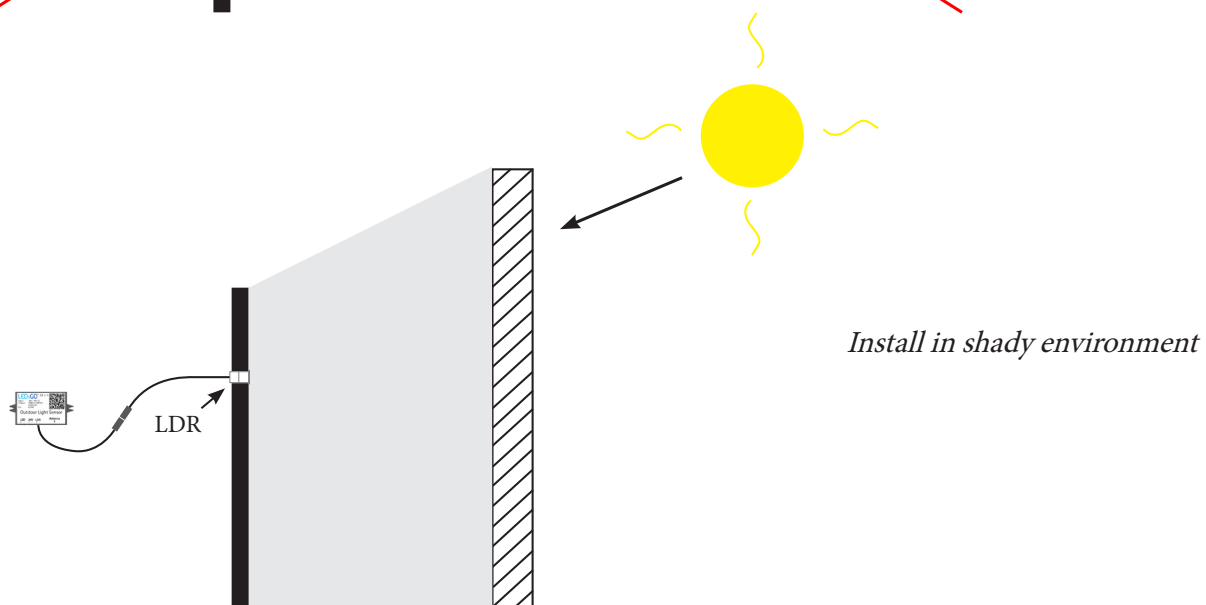
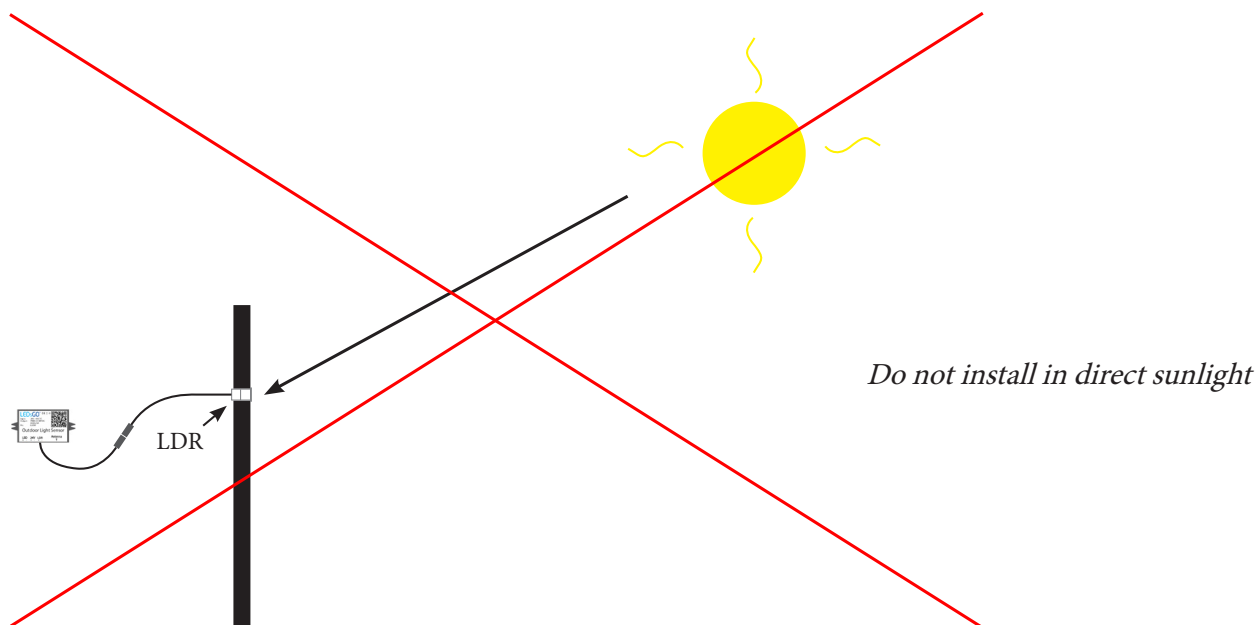
#### 4. Wiring schema for presence detection



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## 5. Installation

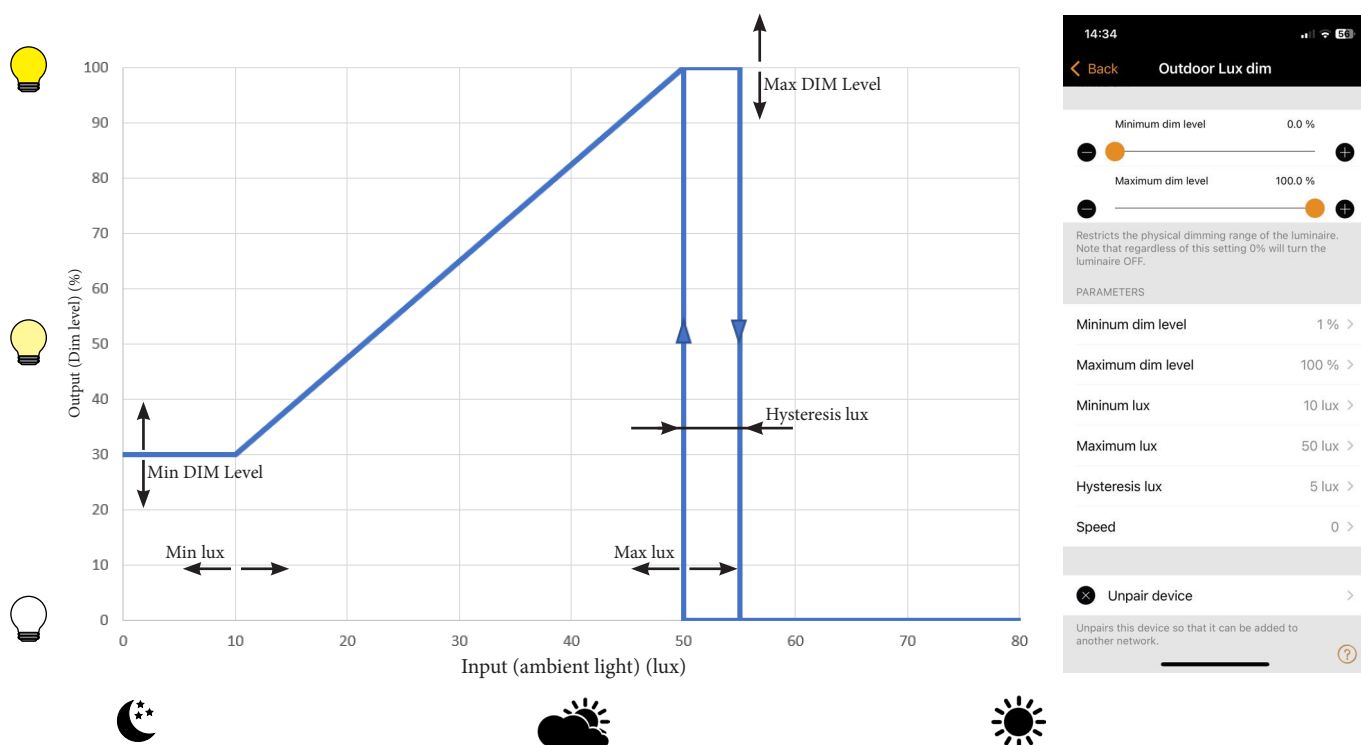


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## 6. Settings

1. Install casambi app. (Configure casambi -> see Manual)
2. Connect to the outdoor Ambient light sensor.
3. Go to Settings. Adjust the following settings. (see image underneath)
4. To assist with the installation, the device can be set in installation mode, in this mode it is easier to see the effect of your changes.
5. When you've changed the parameters as desired, change the mode back to 'USE MODE'.
6. Your lighting will now respond to changes in ambient light according to your parameters.



There are 2 options for the speed setting:

- Use mode
- Installation mode

While in the installation mode, the sensor will act very fast. In this mode you will see the brightness of the light adjusting if the amount of light on the sensor changes.

While in the 'Use mode', the sensor will act smooth. In this mode you will not see the light change quickly if you change the amount of light on the sensor.

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