



# **GIADA SYSTEM**

models CGSW-LC\* user manual

GIADA SYSTEM  
35020 LEGNARO (PD) - Italy  
Tel: +39.049.790876 – Fax: +39.049.790993  
Web: [www.giada-system.com](http://www.giada-system.com)  
E-mail: [info@giada-system.com](mailto:info@giada-system.com)

## FEATURES

- Domestic and industrial smart light driver
- Manage lamps, rooms, colors and scenarios with GIADA app
- Operating with a reliable mesh network for a wider coverage
- Upgradable software through GIADA app
  - Easy integration and setup

Find out latest news, availability of new products and more on GIADA SYSTEM online:



[www.giada-system.com](http://www.giada-system.com)

## HOW TO SETUP

- Install GIADA device according to the instructions in the **HOW TO WIRE** section at page 2. PUSH and SENS inputs may vary according to the model.
- Install GIADA official app available for Android and iOS (see link below), then go to **HOW TO CONNECT** section to reach your new GIADA device.
- Configure the device: see the **HOW TO CONFIGURE & MANAGE** section to discover all the function to manage your lamp.
- Turn on the light!

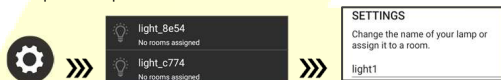


## HOW TO CONNECT

- Connect your Android or iOS device to the Wi-Fi network chosen for your lamps.
- Make sure your GIADA device is powered on and that is less than five meters away, then start GIADA app. Your new device will be automatically recognized and added to the available lights: just tap on *Configure* and insert your network password when prompted.



- If correctly added, your lamp will appear in *your lights* menu. Change the lamp default name tapping on *settings* button, select the lamp and input the desired name.



## HOW TO CONFIGURE & MANAGE

- Create a room to manage a group of lamps: settings, add room
  - Add a lamp to a room: settings, select lamp, assign a room and select the desired room.



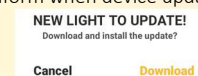
- Manage a room: tap on *your lights* and select the desired room.



- Tune brightness and color of your lamps!



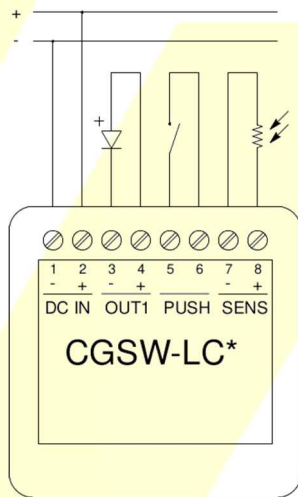
- GIADA app will inform when device updates are available



## HOW TO WIRE

### Pin description

|             |                         |
|-------------|-------------------------|
| DC IN (1,2) | DC power input          |
| OUT1 (3,4)  | Output 1 – White        |
| PUSH (5,6)  | Button input (WA)       |
| SENS (7,8)  | Light sensor input (WA) |



- Only qualified personnel should make the connections.
- Use only wire of proper section for both input and output.
- Use suitable power supply according to voltage and power requirements of the load(s).
- Choose a SELV power supply to obtain a SELV system.
- Make sure to connect input and output correctly.
- PUSH and SENS inputs may vary according to the model.
- If available, the PUSH input can be used with a NO push button. Keep wire length as short as possible and do not exceed 5 meters in length.
- Use suitable load.
- in order to prevent damage and to maintain product reliability ensure proper aeration and keep the device away from heat sources.



## ELECTRICAL DATA

### Input

|                      |           |
|----------------------|-----------|
| Supply voltage DC    | 12 ÷ 48 V |
| Max. supply current  | 1050 mA   |
| Standby power (@24V) | < 0,3 W   |
| Efficiency           | > 80%     |

### Output

|                |                                 |
|----------------|---------------------------------|
| Type           | Current controlled              |
| Channels       | 1                               |
| Output current | 350   500   750   900   1050 mA |

### Radio data

|                         |                            |
|-------------------------|----------------------------|
| Wi-Fi frequency         | 2,4 GHz – no band steering |
| Wi-Fi standard          | 802.11 b/g/n               |
| Wi-Fi security          | WEP, WPA, WPA2             |
| Wi-Fi max. output power | +20 dBm                    |
| Bt operating band       | 2,402 – 2,481 GHz          |
| Bt maximum output power | +9 dBm                     |

### System data

|                       |              |
|-----------------------|--------------|
| Max. network devices  | 100          |
| Devices max. distance | 10 m         |
| Operating temp (Ta)   | -20 ÷ +45 °C |



## DEVICE OS REQUIREMENTS

|                     |               |
|---------------------|---------------|
| iPhone/iPad iOS     | 12.1 or later |
| Apple watch WatchOS | 6.0 or later  |
| Android             | 5.0 or later  |



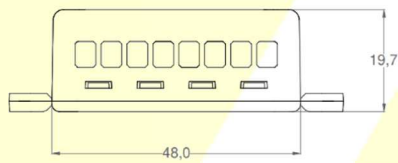
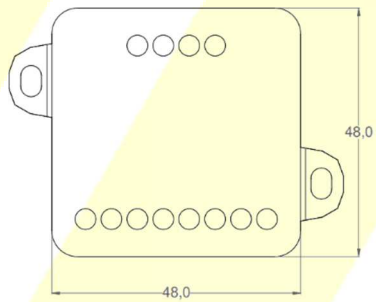
## MECHANICAL DATA

### Mechanical data

|                          |                       |
|--------------------------|-----------------------|
| Dimensions LxWxH         | 48,0 x 48,0 x 19,7 mm |
| Weight                   | 31 g                  |
| International Protection | IP20                  |

### Wiring data

|                                 |                            |
|---------------------------------|----------------------------|
| Wire section                    | 0,75 ÷ 1,5 mm <sup>2</sup> |
| Wire strip length               | 6 mm                       |
| Connector max tightening torque | 0,6 Nm                     |



**RoHS**  
COMPLIANT