

Universal Dome Light Dimmer

Configurable via Wi-Fi

Manual V1.0.3



!!! Warning !!!

DO NOT return the item to the original retailer. Contact the support for any problem with the item or item delivery: shop@timers.shop

Dome Light Dimmer is a smart circuit that adds several modern features to the basic dome light. It provides modern car functionality to the dome light by slowly dimming the light after 20 seconds when the door is closed and slowly increasing the light intensity when the door is opened. It monitors the ignition and if the ignition is turned on the light fades as soon as the door is closed. If the door is left open the light shuts off after 10 minutes of inactivity. Light also comes on when the ignition is switched off.

Dome Light Dimmer is universal and works with either Ground or Positive door switches. It is very small and easy to install. It provides up to 10 amp of current and will work with both LED and incandescent lights. It can be used with either a positive or sink light circuit making it truly universal.

Unit dimensions: 40x35x10mm (1.6x1.4x0.4inch)

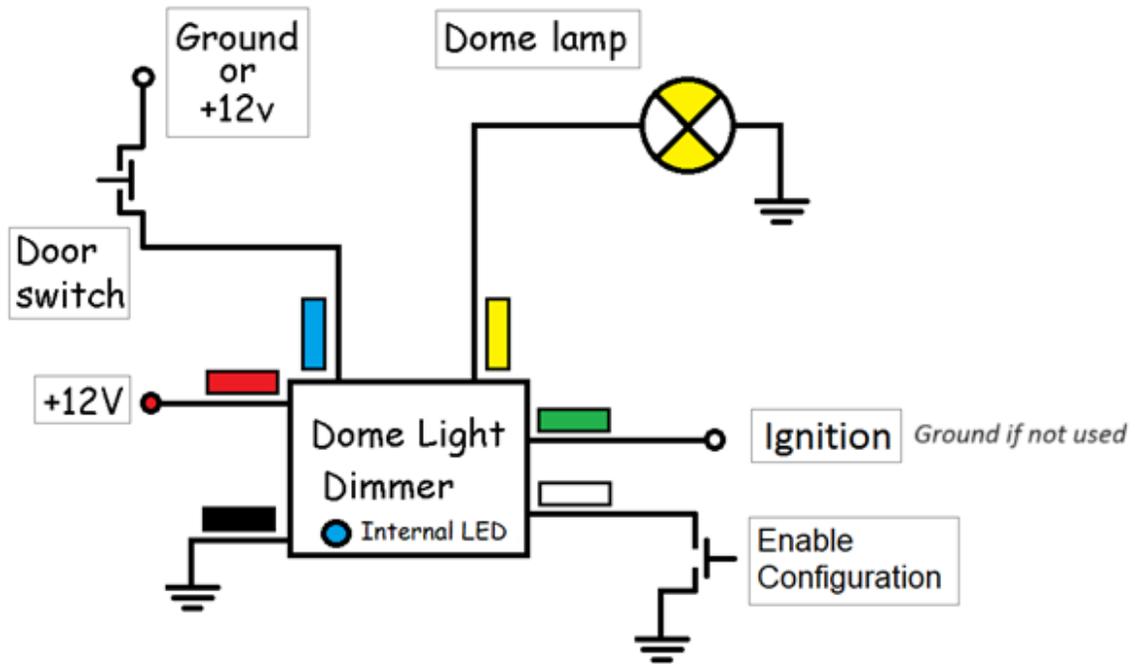
Voltage range: 12- 18V. Max current 10 amp

Temperature range: -40C 100C (-40F 200F)

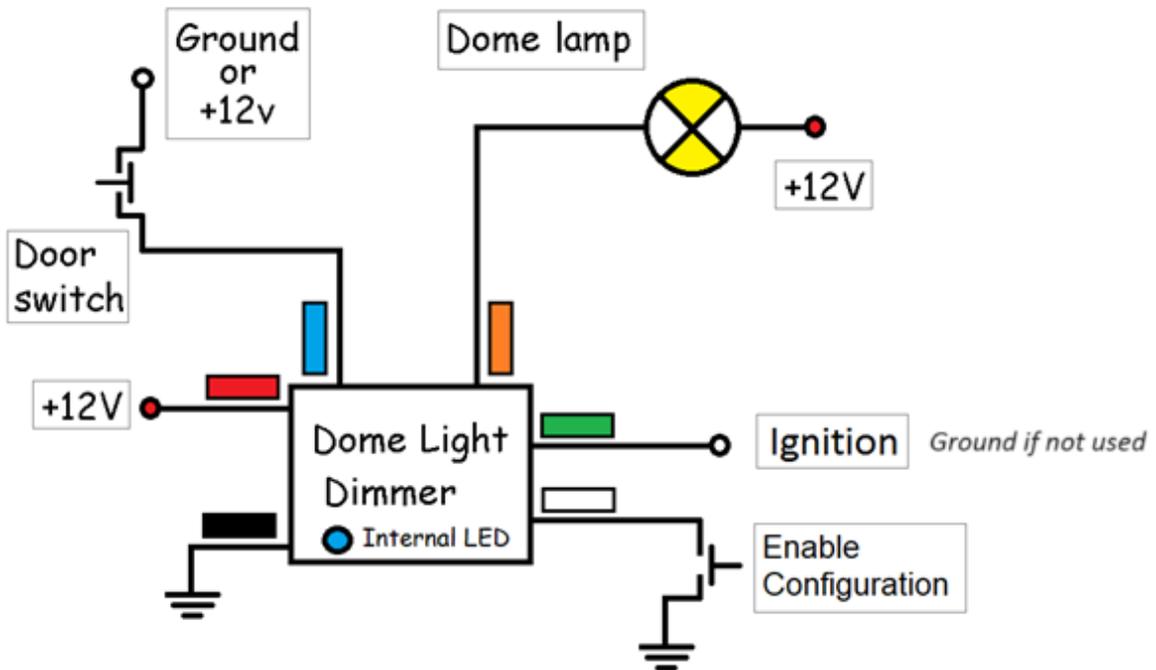
Standby current: 1.2mA

*** For up-to-date installation instructions and videos, visit the [documentation page](#). Please read the entire manual before connecting and configuring Dome Light Dimmer.

Connect dome light dimmer according to the diagram.



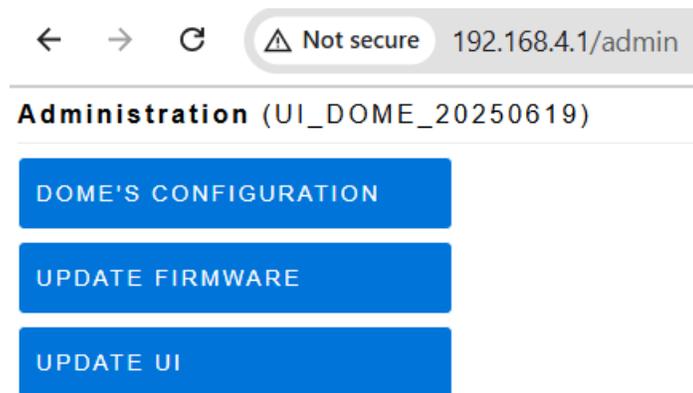
FOR GROUND CONTROLLED LIGHT USE THE ORANGE WIRE:



To adjust Dome Light Dimmer settings, put the module into configuration mode by connecting the white wire to the ground. Alternatively, you can activate configuration mode by quickly pressing and releasing the door button about 10 times. The dome light will turn off when the module enters configuration mode.

Module configuration is done by connecting a computer or a smartphone to the dome light dimmer module via the Wi-Fi network. Follow the steps below:

1. Search for the available Wi-Fi networks on your computer/phone.
2. Connect the computer/phone to the “Timers.shop” wireless network.
3. Open browsers and enter the following into the address bar: **192.168.4.1** and click go or connect. Ensure you enter the address into the browser’s address bar rather than the search bar like Google.
4. Once connected, you will be presented with a similar menu:



5. Click on DOME’S CONFIGURATION link and make necessary changes to the dome’s configuration.

← → ↻ ⚠ Not secure | 192.168.4.1/general.html

< **Dome's Settings**

Firmware: FUNC_C11_V1.0.2
Checksum: 5656
Bootloader: V1.0.12 HW5.0

Door closed timeout: Sec

Door opened timeout: Sec

Door open signal: ▾

Initial light intensity: 0-10

Output type: ▾

Timeout with Ign ON:

Light ON with Ign OFF:

6. Once the necessary modifications are made, click SAVE. Then, go back to the Administration menu and click RESTART to test the newly updated configuration.

Programming video: <https://youtu.be/I6JNDQeWjtQ>

Troubleshooting:

- If you lose network connection to network 'Timers.shop' try to disable automatic connections to other known networks. Some computers/phones will try to switch the network if the current network does not appear to be connected to the Internet.
- If no menu actions are taken, the unit restarts after 5 minutes of inactivity.
- Ground the Green wire if it is not connected to the ignition wire. Ensure the line voltage is around 0V when ignition is off.