

Universal Dome Light Dimmer

Configurable via Wi-Fi

Manual V1.0.1



!!! 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 ignition and if ignition turned on the light fades as soon as the door is closed. If the door 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

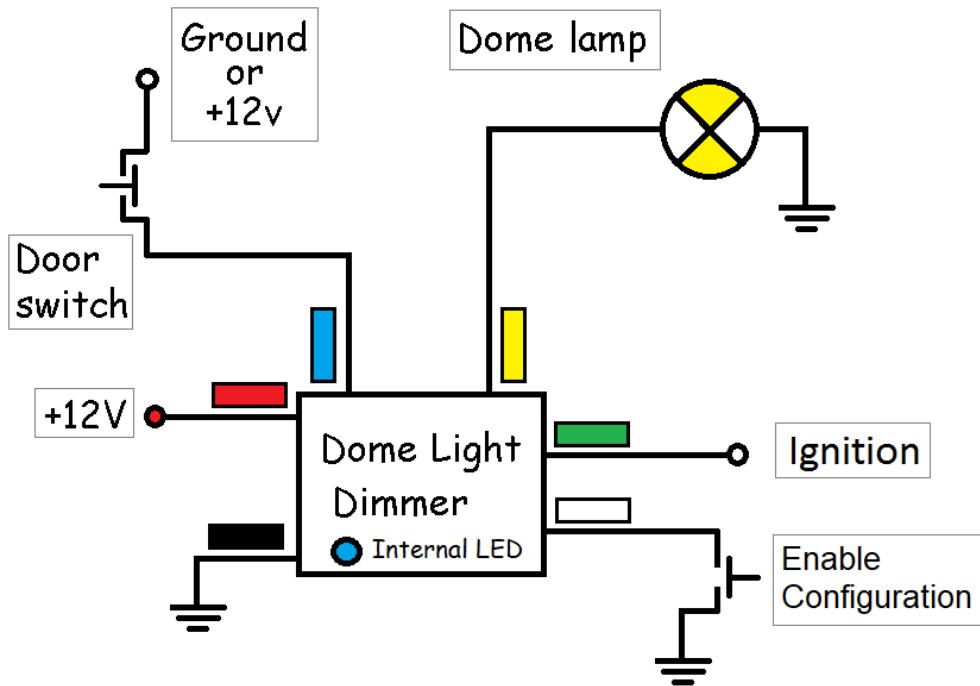
Temperature range: -40C 100C (-40F 200F)

Standby current: 1.2ma

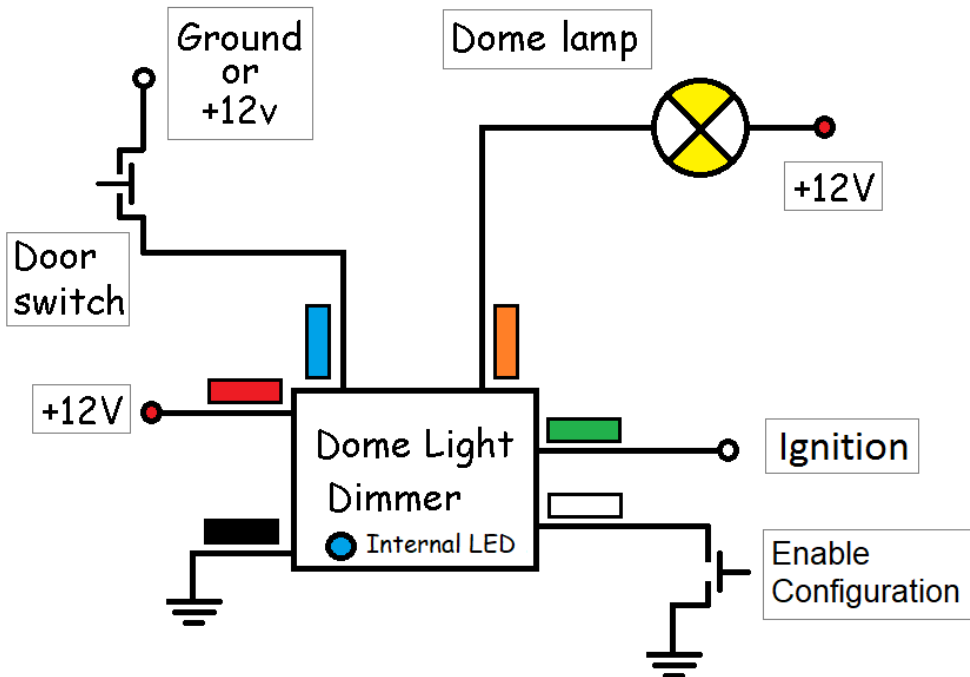
*** For up to date installation instructions and videos visit www.bit.ly/timer20

Please read the entire manual before connecting and configuring Dome Light Dimmer.

Connect dome light dimmer according to the diagram.



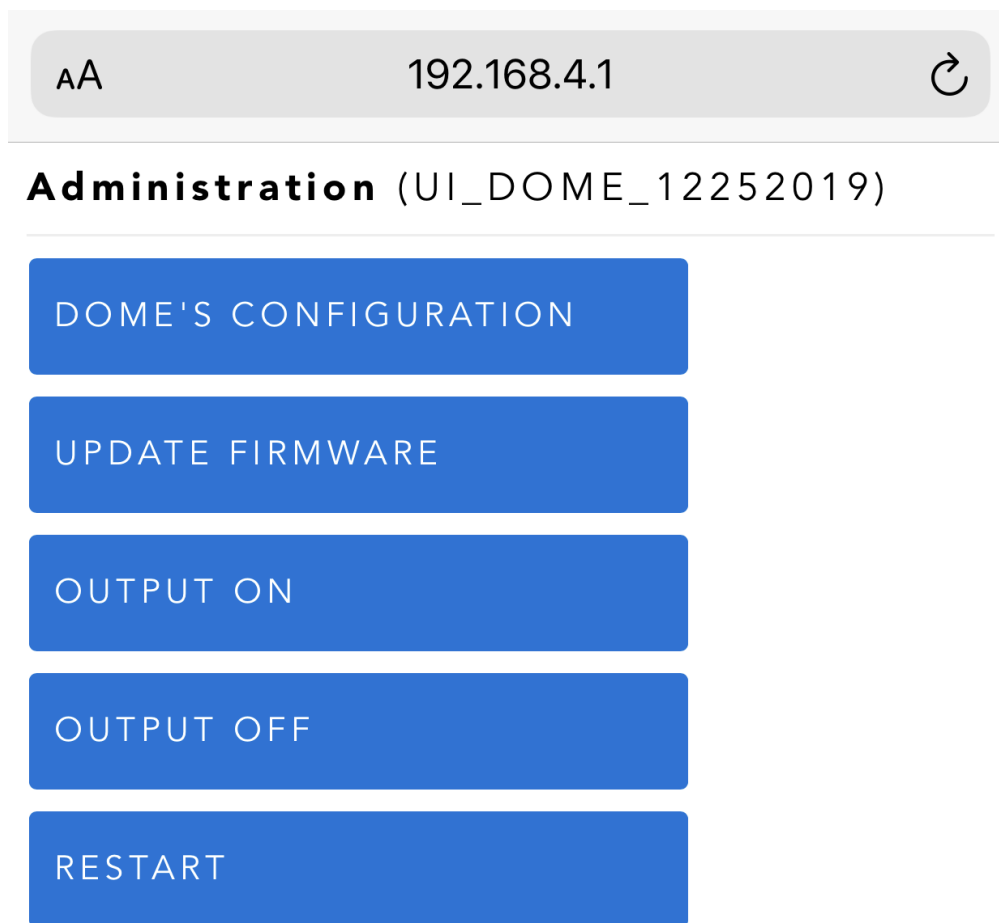
FOR GROUND CONTROLLED LIGHT USE THE ORANGE WIRE:



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

Module configuration is done by connecting a computer or a smart-phone to the dome light dimer 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.
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.

AA

192.168.4.1



Dome's Settings

Firmware: Dome Contr V2.08
Checksum: 202124
Bootloader: V1.0.7
HW4.0

Door closed timeout: Sec

Door opened timeout: Sec

Door open signal

Initial light intensity: 0-10

Output type

Timeout with Ign ON:

SAVE

6. Once necessary modifications are done click SAVE. Go back to the Administration menu and click RESTART to test 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.
- To test the light control first make sure you have selected the proper output type. Select Positive if the light is connected to the ground. Go back to the main menu and click on OUTPUT ON to turn the light on. If the light is not turning on check your connection and measure the voltage between the output wire and ground
- If no menu actions are taken the unit restarts after 5min of inactivity.

Older manuals:

http://timers.shop/assets/documentation/DomeLightDimmerWiFi_V1.0.0.pdf