
Built-in Daytime Running Lights



Introduction

A daytime running lights (DRLs) is an automotive lighting device on the front of a roadgoing motor vehicle, automatically switched on when the vehicle is moving forward, emitting white light to increase the conspicuity of the vehicle during daylight conditions. Numerous studies done worldwide since the 1970s have tended to conclude that daytime running lights improve safety.

Built-in DRLs is the best choice. It's brightness is very high and the power consumption is low. It is universal and can be installed in cars, caravans, buses, trucks and motorcycles.

Main Features

- **Easy Installation and wide vehicle compatibility**

- 1) Independent LED lights with a hole cutter, that can be easily installed in all vehicles such as cars, caravans, bus and trucks.
- 2) Connect the power cable to the battery, making installation easy.
- 3) Each LED light works independently, and the color can match the vehicles color.

- **More safety**

- 1) Super bright LEDs greatly increase the visibility of vehicles.
- 2) Individual LED and mosaic structure makes it easy to radiate heat.
- 3) Waterproof, the system can work in all weather condition.

- **Design your own light pattern as you wish**

- 10~20 independent LED lights in your own designed pattern, making your vehicle look extremely stylish.

Parameters

Number of LED lamps:	10 pcs (can be upgraded to 20 pcs)
Lifetime:	50,000 hours
Suitable vehicles:	cars, caravans, buses, trucks and motorcycles (12V & 24V)
Drilling-hole diameter:	19.5mm
Input voltage:	9-32 VDC
Colour:	Silver /White /Gloss black /Matte black

Installation Instructions

- 1) Select the position to install the LED lights in the bumper. Ensure there is enough space for the DRLs in the back of the bumper. Optimal distance between two LED lights is 30mm.
- 2) Stick the positioning stickers to the bumper according to your favorite light pattern (Figure 1 is an example), to make sure it looks good.
- 3) Drill the holes in the bumper (Figure 2).
- 4) Push the LED lights into the holes (Figure 3).

Installation Instructions



Figure 1



Figure 2

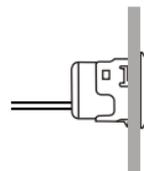


Figure 3

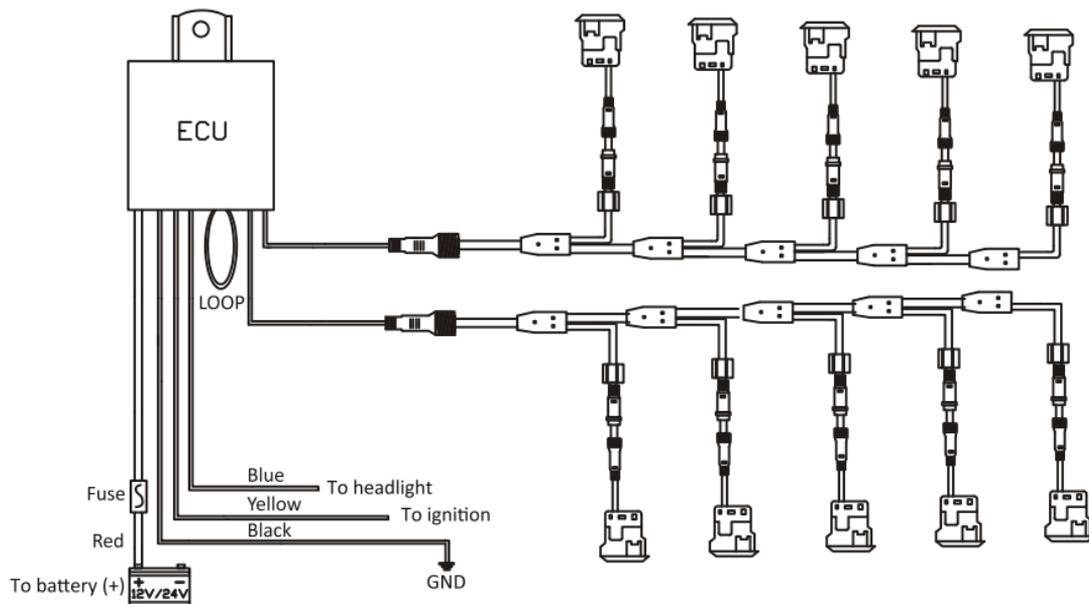
5) Check the DRLs function after installation.

After finish installation:

Start engine, switch headlights off, the DRLs should turn on, then stop engine running, DRLs will turn off.

Start engine, switch headlights on, the DRLs should turn off or auto- dim. (According to different models)

Wiring Diagram



Default setting: Auto-dim

Cut the loop of the control unit, the system will turn to ON/OFF mode

Some consumer's favourite light patterns:



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