

Installation and Operation Instructions

T4 Class II ECER65 ECER10

WARNING LIGHT HEAD

IMPORTANT: Please read all of the following instructions before installing your new T4 Class II WARNING LIGHT HEAD.

WARNING!!!! Failure to install or use this product according to manufacturer's recommendations may result in property damage, serious injury, and/or death to those you seek to protect!

- *Proper installation of this product requires the installer to have a good understanding of automotive electronics, systems and procedures.
- *This product contains high-intensity LEDs. Do not stare directly into these lights. Momentary blindness and/or eye damage could result.
- *Use only soap and water to clean the outer lens.
- *Do not install this product or route any wires in the deployment area of your air-bag. Equipment mounted or located in the air bag deployment area will damage or reduce the effectiveness of the air bag, or become a projectile that could cause serious personal injury or death. Refer to your vehicle owner manual for the air bag deployment area. The User/Installer assumes full responsibility to determine proper mounting location, based on providing ultimate safety to all passengers inside the vehicle.
- *If mounting this product requires drilling holes, the installer must be sure that no vehicle components or other vital parts could be damaged by the drilling process. Check both sides of the mounting surface before drilling begins. Also de-burr any holes and remove any metal shards or remnants. Install grommets into all wire passage holes.
- *Inspect and operate this product regularly to confirm its proper operation and mounting condition. Do not use a pressure washer to clean this product.
- *For this product to operate at optimum efficiency, a good electrical connection to chassis ground must be made. The recommended procedure requires the product ground wire to be connected directly to the NEGATIVE (-) battery post.
- *It is recommended that these instructions be stored in a safe place and referred to when performing maintenance and/or reinstallation of this product.
- *FAILURE TO FOLLOW THESE SAFETY PRECAUTIONS AND INSTRUCTIONS COULD RESULT IN DAMAGE TO THE PRODUCT OR VEHICLE AND/OR SERIOUS INJURY TO YOU AND YOUR PASSENGERS!

If this product uses a remote device to activate or control this product, make sure that this control is located in an area that allows both the vehicle and the control to be operated safely in any driving condition.

Do not attempt to activate or control this device in a hazardous driving situation.

T4 Class II -Flash Patterns

P1-Single 120 Ph1 R65

P2-Single 120 Ph2 R65

P3-Single 120 Alt.

P4-Double 120 Ph1 R65

P5-Double 120 Ph2 R65

P6-Double 120 Alt.

P7-Triple 120 Ph1 R65

P8-Triple 120 Ph2 R65

P9-Triple 120 Alt.

P10-Triple 132 Ph1 R65

P11-Triple 132 Ph2 R65

P12-Triple 132 Alt

P13-OFF

P1-Single 120 Ph1 is **Factory Default**.

Phase Operation: Ph1= Phase 1 / Ph2=Phase 2

Phase 1 (Ph1) flashes simultaneously with Ph1

Phase 2 (Ph2) flashes simultaneously with Ph2

Ph1 alternates with Ph2 ; alternates: Alt.

WIRE:

RED: Positive (for Class 2, day mode fused with 2A fuse)

BLACK: Negative

BLUE: Pattern Switch

YELLOW: Synchronized Function

White: for Class 1, night mode, fused with 2A fuse

*Maximum of 8 pcs LM4X-41 can be

Synchronized within P1 to P12

OPERATION:

Apply BLUE TO BLACK wire:

-Less than 1 sec. for next pattern

-between 1-3 sec. for previous pattern

-between 3-5 sec. for Factory Default

-more than 5 sec. for turn off

Connecting your new T4 Class 2 lights.

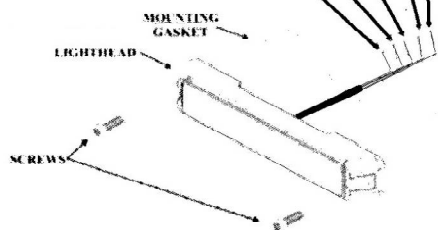
Dim Class 1

Yellow connect yellow wires together for Sync

Flash patterns select

To chassis ground

To 10-30 Volt, fuse 2A



ECE R65 KLASSE 2



Inspect the contents to be certain that the following items are included:

A. LIGHT HEAD *1 B. Screw *2 C. Manual *1 D. Mounting Gasket *1

Option: E. Universal Mounting

Recommend Operation Environment

Ambient Temperature: -30 to 50°C

Relative Humidity: 10 to 85% , non-condensing

T4 Class II	Specification
Input Voltage	10 – 30VDC
Work current	T4 Class II 1.0A max@DC12V 0.6A max@DC24V
Waterproof	IP67

Trouble Shooting

The T4 Class II series has been factory tested and approved. If the functions of device fail, please check the following:

1. After connecting with the power supply, be sure that the power source end is joined in correct way. And then, make sure that there is no short-circuited power occurring.
2. Ensure Power switch is turned to "ON" position.
3. Press the Pattern Switch to be sure the "OFF" pattern is not selected. If the blue wire touches black wire over 5 seconds, it would switch to OFF pattern. It would be lighted up again when using blue wire touches black wire less than 1 second.