



### 0-441-57 - LED Warning Lamp with Side Marker

Durite Warning Light (AMBER) + Side Marker (AMBER)

18W + 10W (6pcs\*3W + 20pcs\*0.1W)

Voltage: 10-30V DC

. Mounting: Surface mount

. Patterns: 10 flash patterns

. Waterproof Rate: IP67

. Highly increase the visibility of your vehicle during day and night to improve driving safety

E Mark R10, R65 and R91



THE TRUSTED QUALITY BRAND FOR PROFESSIONALS

## **WARNINGS**

Before using this unit please read these instructions carefully. Take special care to follow the warnings and safety suggestions listed below. Keep these instructions for future reference.

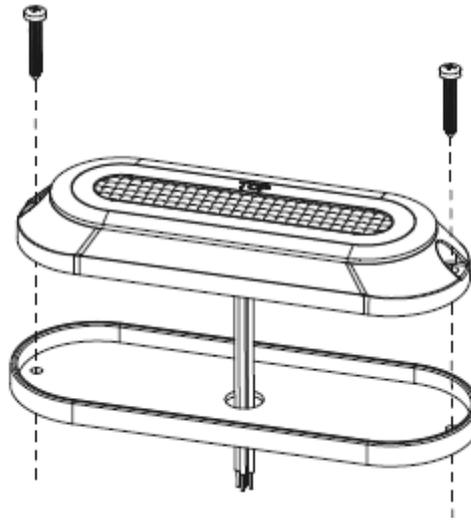
### **SAFETY WARNING**

1. Proper installation of this product requires the installer to have a good understanding of automotive electronics, systems and procedures.
2. 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 the holes and remove any metal shards or remnants.
3. 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's 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.
4. Do not attempt to activate or control this device in a hazardous driving situation.
5. This product contains either strobe light(s), halogen light(s), high-intensity LEDs or a combination of these lights. Do not stare directly into these lights. Momentary blindness and/or eye damage could result.
6. All connections must use waterproof connectors and any unconnected wires must be sealed to prevent water ingress via the wire core, failure to do this may result in premature failure and invalidate the warranty.
7. Use only soap and water to clean the outer lens. Use of other chemicals could result in premature lens cracking (crazing) and discoloration. Lenses in this condition have significantly reduced effectiveness. Inspect and operate this product regularly to confirm its proper operation and mounting condition. Do not use a pressure washer to clean this product.
8. It is recommended that these instructions be stored in a safe place and referred to when performing maintenance and/or reinstallation of this product.
9. 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.

## INSTALL INSTRUCTIONS

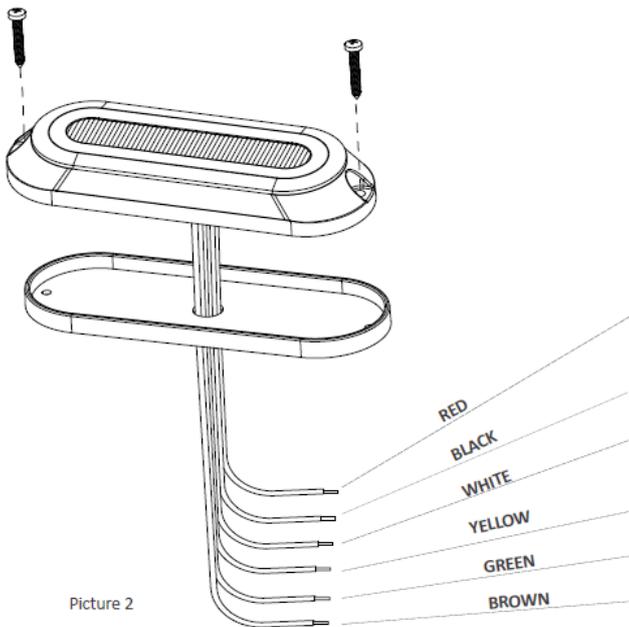
Read all safety notes and mounting guidelines before installing the product. Verify that all parts listed under "In the Box" are present and complete. (Picture 1)  
 Verify that all power supply comply to the specified voltage limits for the light.

Picture 1



## WIRING INSTRUCTIONS

Function	Red	Black	White	Yellow	Green	Brown
Warning+DRL	Warning	Negative	DRL	Pattern switch\Sync	Asynchronous	
Warning+Direction	Warning	Negative	Direction	Pattern switch\Sync	Asynchronous	
Warning+Reverse	Warning	Negative	Reverse	Pattern switch\Sync	Asynchronous	
Warning+Side Marker	Warning	Negative	Side Marker	Pattern switch\Sync	Asynchronous	
Warning+Tail/Stop	Warning	Negative	Tail	Pattern switch\Sync	Asynchronous	Stop



Picture 2

Note : Standard products could not be allowed the inner warning function and the outer function lighting on together. If you need both lighting on please contact with our sales .

- TO +VDC (Suggested fuse rating @2A)
- Inner warning function in warning patterns
- TO Ground
- TO +VDC (Suggested fuse rating @2A)
- Outer in DRL/ST/T/SML/REVERSE function optional
- For synchronization ,flash pattern and setting
- For asynchronous ,flash pattern
- TO +VDC(Suggested fuse rating @2A)
- Outer only in stop funtion

## FLASH PATTERNS

- |  |  |   |   |
|--|--|---|---|
| <ul style="list-style-type: none"><li>• Random</li><li>• Single (split)</li><li>• Double (split)</li></ul> | <ul style="list-style-type: none"><li>• Quint (split)</li><li>• Triple (all)</li><li>• Quint (all)</li></ul> | <ul style="list-style-type: none"><li>• Triple (split)</li><li>• Single (all)</li></ul> | <ul style="list-style-type: none"><li>• Quint (all)</li><li>• Single-Quad (split)</li></ul> |
|--|--|---|---|

If you want to set the flash pattern to synchronize, touch the red wire to the yellow wire for 1 second. This change the flash pattern.

Note: If the light could not be synced please repeat STEP 1.

### Grouping for simultaneous flash:

Connecting all units with black, red and yellow wires will synchronize all lighthoods. Touching red wires to the yellow wires for 5 seconds will change the flash pattern (all units must be re-set individually on the first same pattern to remain synced together on the same pattern).

### Grouping for alternating flash:

Connecting all units with black, red and yellow wires will synchronize all lighthoods. Touching red wires to the yellow wires for 5 seconds will change the flash pattern (all heads must be reset individually on the same pattern first to remain synced together on the same patterns).

Connectng one unit or some units green wires to the red wire will provide alternating flash.

If the units could not be alternating flash, please repeat STEP 1.

## TECHNICAL SPECIFICATIONS

Type	Warning Lamp with Side Marker Function
Voltage	10-30VDC
LED's	6 WARNING, 20 Side Marker
Power	6 x 3W (WARNING) + 20 x 0.1W (Side Marker)
Current Draw at 12VDC	Warning 1.12A, Side Marker 0.022A
IP Rating	IP67
Material Construction	Aluminium Housing, PC Lens
Weight	0.150Kg
Dimensions	Please see below
Operating Temperature	-20°C ~ +60°C
Storage Temperature	-20°C ~ +60°C
Certificate	CE, E Mark R10 EMC, R65, R91

## TECHNICAL DRAWING

