



## 0-441-82 LED Amber Warning Lamp 8W 10-30V

Durite Amber LED Warning Lamp. 8W, 1W X 8 LED's. IP67/IP69K. PC Lens Aluminium Base. 11 Flash Patterns. E Marked R10 R65 Class 1.

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. There are no user-serviceable parts within the unit, refer servicing to qualified service personnel.

## **PRECAUTIONS**

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. 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.
7. It is recommended that these instructions be stored in a safe place and referred to when performing maintenance and/or reinstallation of this product.
8. 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.

## **FLASH PATTERNS**

<b>Sequence</b>	<b>Description</b>	<b>FPM</b>
1	Single(all)	150
2	Quad(alternate)	75
3	Quint(all)	60
4	Triple(alternate)	100
5	Flicker	1200
6	Double(alternate)	75
7	Triple	100
8	Single(all)	62
9	Single(all)	107
10	Combo	112
11	Steady of 30% brightness	/

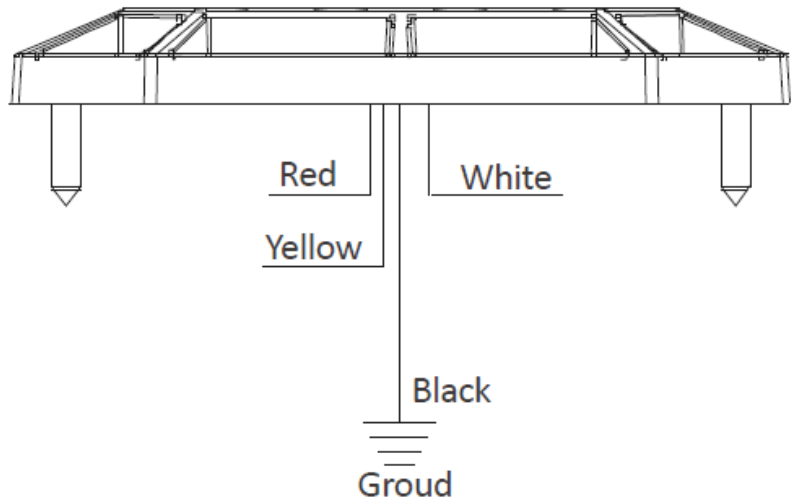
## **FLY LEADS**

RED = 10-30V

YELLOW = SYNC

WHITE = ASYNC

BLACK = GROUND -VE



## **MOUNTING**

1. Place the unit against the mounting surface.
2. Mark the areas where the mounting holes are to be drilled. Confirm that no vehicle parts could be damaged by the drilling process.
3. Using a bit size for a no. 304 metal screw, drill two mounting holes, a 0.5" diameter. Wire passage hole(s) must also be drilled. Thoroughly de-burr all hole(s).
4. Pass the wires through the hole(s) in the gasket and through the wire passage hole(s) in the mounting surface. Fix the light head to the mounting surface.

## **SETUP**

To set the flash pattern:

Touch the yellow cable to a live connection 10-30V for one second. Repeat process until desired flash pattern is selected.

To synchronise

Connecting all units with black, red and yellow wires will synchronize all lightheads.

Touching red wires to the yellow wires for about 5 second will change the flash pattern (all units must be reset individually on the first same pattern to remain synced together on the same pattern).

To set the alternate flash mode:

Connecting all units with black, red and yellow wires will synchronize all lightheads. Touching red wires to the yellow wires for about 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).

Connecting white wires to the red wire will set alternating flash.

Do no connect yellow wire to the red wire so all units remain synced together on the same flash patterns.

## TECHNICAL SPECIFICATIONS

Type	LED Slim Amber Warning Lamp
Voltage	10-30VDC
Wattage	8W
Current Draw	0.58A at 12VDC, 0.35A at 24VDC
LED's	8 x 1W LED's
Flash Patterns	11
IP Rating	IP67 / IP69K
Material Constuction	PC Lens Aluminium Base
Operating Temperature	-45°C - +60°C
Weight	0.086Kg
Dimensions	Please see drawing below
Certificates	ECE R65 (Class 1), R10 EMC, RoHS, CE, UKCA,

