TECHNICAL SPECIFICATIONS

Call 01255 555200
Email info@durite.co.uk
Visit www.durite.co.uk

0-441-20 - High Intensity LED Warning Lamp - Amber R65 Class 2

Durite Warning Light (AMBER) , Voltage: 10-30VDC, 36W (12 x 3W).

. Mounting: Surface mount
. Patterns: 19 flash patterns
. Waterproof Rate: IP69K
. Highly increase the visibility of your vehicle during day and night to improve driving safety
- E Mark R10, R65 Class 2

QUALITY
ASSURED

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.
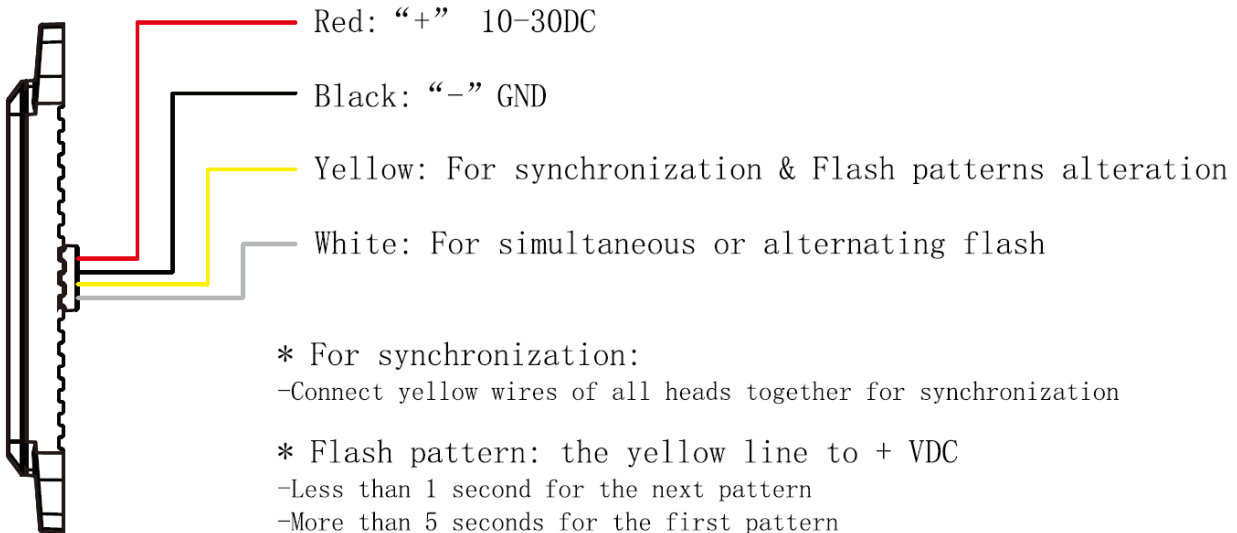
SAFETY WARNING

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 pro-viding 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.

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.

FLASH PATTERNS

1. ECE R65 Single (All)	8. Single (Slow) (All)	15. Single + Quad (Split)
2. Double (All)	9. Single + Single (Slow) (All)	16. Single + Strobe (Split)
3. Quad (All)	10. Single (Split)	17. Random
4. Quint (All)	11. Double (Split)	18. Combination
5. Strobe (All)	12. Quad (Split)	19. Constantly Bright
6. Single + Quad (All)	13. Quint (Split)	
7. Single + Strobe (All)	14. Strobe (Split)	

WIRING INSTRUCTIONS

Red: "+" 10-30DC

Black: "-" GND

Yellow: For synchronization & Flash patterns alteration

White: For simultaneous or alternating flash

* For synchronization:
-Connect yellow wires of all heads together for synchronization

* Flash pattern: the yellow line to + VDC
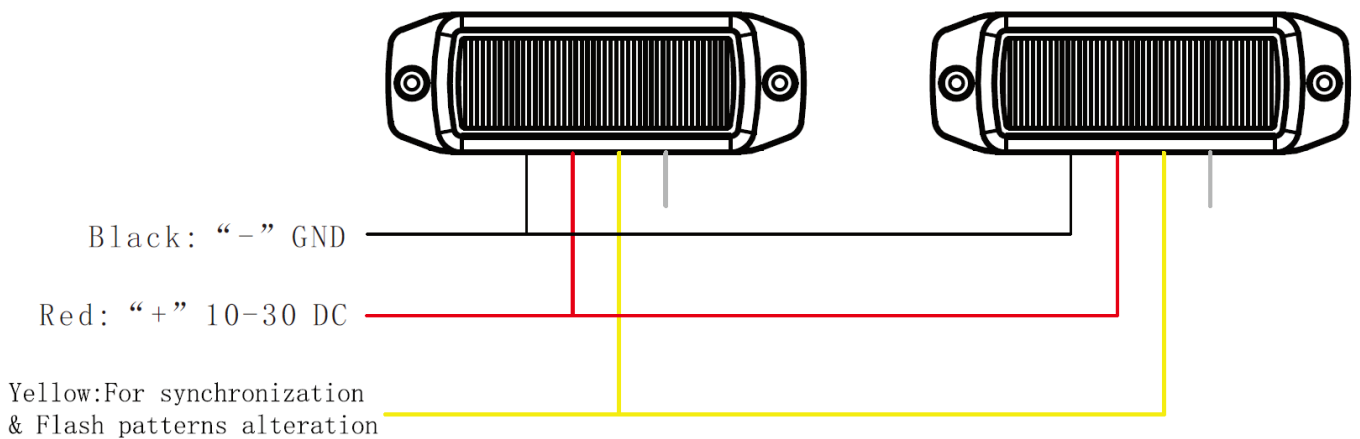-Less than 1 second for the next pattern
-More than 5 seconds for the first pattern

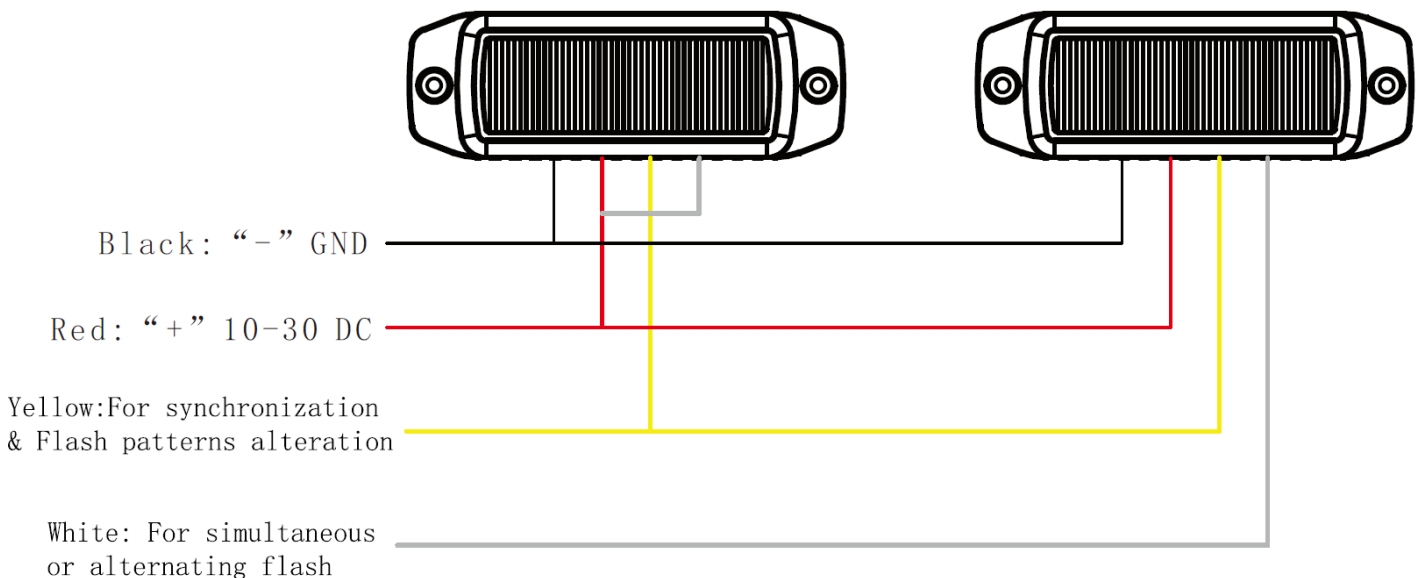* For simultaneous or alternating flash
-Option 1: white connected to red, lightheads will flash in alternation
-Option 2: white disconnected to red, lightheads will flash in synchronization

SYNCHRONIZATION

Black: "-" GND

Red: "+" 10-30 DC

Yellow:For synchronization
& Flash patterns alteration

ASYNCHRONIZATION

Black: "-" GND

Red: "+" 10-30 DC

Yellow:For synchronization
& Flash patterns alteration

White: For simultaneous
or alternating flash

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Type	Warning Lamp - Amber
Voltage	10-30VDC
LED's	12 Amber LED's
Power	36W Max (12 x 3W)
Current Draw	0.3A at 12VDC, 0.15A at 24VDC
IP Rating	IP69K
Material Construction	Aluminium Houisng, PC Lens
Weight	0.070Kg
Dimensions	Please see below
Operating Temperature	-40°C ~ +60°C
Storage Temperature	-40°C ~ +60°C
Certificate	CE, E Mark R10 EMC, R65 Class 2

TECHNICAL DRAWING