

# Product Data Sheet

No. 41174 - 07/21

## RECHARGEABLE LED WARNING STROBE

PRODUCT NUMBER: 1174



### I. GENERAL DESCRIPTION

**Description:** The Aervoe Rechargeable LED Warning Strobe is an extremely durable and rechargeable, 45-LED strobe light with 360° visibility. The lens is made of shatterproof polycarbonate and the base of impact-resistant ABS plastic. It features 3 flash patterns including flash, dual flash, and rotate. The 45 surface-mounted LEDs have a visible light range of 2 to 3 miles. It can be attached to any flat surface in two ways. Six strong magnets will attach it to any flat ferrous metal surface or use the suction cup to attach to any flat surface.

Includes a 120V AC wall charger and a 12V DC vehicle charger and a front-facing battery indicator level that displays current charging status.

**Benefits:** This rechargeable warning light is a convenient way to signal danger or caution to vehicles or pedestrians. It may be attached to metal and non-metal surfaces including cars, trucks, farm equipment, forklifts, etc. The rechargeable design means there are no batteries to replace or power cords. Recharge from the vehicle power receptacle or wall outlet.

**Application:** May be used in any weather condition. Ideal for road safety identification by emergency, maintenance, and service vehicles, as well as personal vehicle operators as a warning device.

**Directions:** Please see operating instructions included with the product or on our website [www.aervoe.com](http://www.aervoe.com).

**Limitations:** Please read operating instructions thoroughly before use. If used in wet environments, dry before charging or storage. Only use with the provided CE and C/UL certified AC and DC chargers or an equivalent replacement with the same inputs and outputs listed in the specification section. Failure to use the specified charger could be hazardous, cause damage, and voids the warranty. Monitor during charging and disconnect when finished.

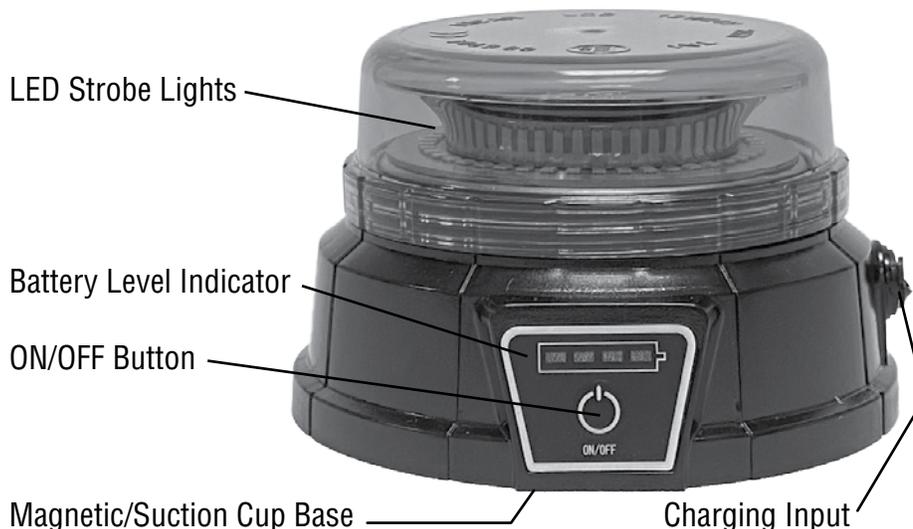
#### **DOT & Traffic Safety Compliance:**

1. SAE J845 Optical warning device for authorized emergency, maintenance, and service vehicles.
2. U.S. DOT (FMCSA) 49 CFR § 392.25 & 393.95 (g) Prohibits the carrying of any flame-producing flare on any Commercial Motor Vehicle (CMV) transporting explosives; any cargo of flammable liquid or flammable compressed gas, whether loaded or empty; or any CMV using compressed gas as a motor fuel.
3. MUTCD Type A (flashing)
4. NFPA 1901 Standards for Traffic Safety, Section 6.7.3 Miscellaneous Equipment.

#### **Packaging:**

Each Box:	3 lbs (1.36 kg)	0.10 CF (0.003 CM)	6" L x 5" W x 5" H
Case (2/case):	5 lbs (2.27 kg)	0.21 CF (0.006 CM)	12" L x 6" W x 5" H

## II. DIAGRAM



## III. SPECIFICATION

INTERNAL RECHARGEABLE BATTERY PACK	18650 Lithium ion (Li-on) 7.4V; 2200 mAh
CHARGING SPECIFICATIONS:	120V AC/DC Charger (CE & C/UL Listed) Input: 100-240V AC, 50-60 Hz 0.4A max Output: 12V DC, 1000 mAh  12V DC Charger (CE) Input: 9-30V DC Output: 5V, 1000 mAh
POWER	20W
LIGHT SOURCE	45 ea. high intensity 2835 surface mount LEDs
LENS	Shatterproof polycarbonate
BASE	ABS plastic
MAGNET	30 lb.

DIMENSIONS	5.125" L x 3.150" H
WEIGHT	2 lbs.
CHARGING TIME	2-3 Hours using either 120V AC or 12V DC
RUN TIME (on fully charged battery)	Flash = 4.5 hours Dual Flash = 4.75 hours Rotate = 5 hours
HUMIDITY & TEMPERATURE	May be used in wet or dry environments from 50°F to 104°F (10°C to 40°C)
STANDARDS AND CERTIFICATIONS	CE, RoHS Compliant; SAE J845, Class 1 (Optical warning device for authorized emergency, maintenance, and service vehicles); 49CFR 393.25(e)

## III. SHIPPING, STORAGE AND HEALTH

UN number.....	N/A
Proper Shipping Description .....	Non regulated material
Hazard Class.....	N/A
Packing Group .....	N/A
Limited Quantity .....	N/A
Warehouse storage level number .....	N/A
Storage temperature .....	70° (21°C)
Shelf life .....	1 to 2 years

HMIS ratings	
Health .....	N/A
Fire .....	N/A
Reactivity .....	N/A

## IV. MISCELLANEOUS

Note: Batteries must be disposed of properly. Consult local disposal authority in your area for information.

## V. WARRANTY

1-year warranty to the original registered owner on all products from date of purchase. User returns, exchanges and defective refunds must be made with the original place of purchase. Because Aervoe cannot control Buyer's handling or use of product, Aervoe makes no warranty expressed or implied when not used or stored in accordance with directions. Aervoe shall not be liable for cost of labor, incidental or consequential damages, and this warranty is limited to replacement or repair of product or credit of purchase.