

# Product Data Sheet

No. **411450** - 05/23

## H.D. CLASSIC ROAD FLARE H.D. CLASSIC ROAD FLARE KITS



**PRODUCT NUMBER:**

- 11450 - SAFETY YELLOW FLARE WITH AMBER LEDs
- 11460 - SAFETY ORANGE FLARE WITH RED LEDs
- 11470 - SAFETY YELLOW KIT WITH AMBER LEDs (4 Flares)
- 11480 - SAFETY ORANGE KIT WITH RED LEDs (4 Flares)

US Patent #D707,146 & 9,046,229

### I. GENERAL DESCRIPTION

**Features:** The Aervoe H.D. Classic Road Flare is an extremely durable, 18-LED flare that is a safe alternative to incendiary flares. The flare is made of crushproof polycarbonate plastic with an impact resistant rubber housing. It features 7 different flash patterns, including S.O.S. Rescue Morse Code. Focused lenses increase brightness with visible light range of 2 miles. Also includes a strong magnet to attach it to any magnetic metal surface.

Batteries are easy to replace. Rechargeable batteries may be used but are not rechargeable within the flare. NOTE: Do not over tighten screws when replacing the batteries.

#11450 & #11460 models include a single flare and include 2 AA batteries and a hex wrench for battery replacement.

#11470 & #11480 models include 4 flares, 8 AA batteries, 2 hex wrenches for battery replacement, and a soft-sided nylon carrying bag.

**Benefits:** These LED flares replace toxic incendiary flares that are banned in many states. Meets stringent California VOC emission guidelines. In addition there is no smoke, flame or ash created when incendiary flares are burned. It is a convenient way to signal detours or road hazards and may be attached to a magnetic metal

surface, including cars, trucks, and signs, using the heavy duty N35 magnet.

**Uses:** Ideal for road safety identification by emergency responders, or for personal vehicle operators as an emergency signaling device. May also be used on construction sites and in marine applications for boater emergency safety.

**Warnings:** Read operating instructions thoroughly prior to use.

Safety tips for non-rechargeable batteries:

- Use identical batteries of the same chemistry, brand, and age
- Don't get batteries wet, expose them to fire, or pierce them; they could explode
- Don't carry or store loose batteries next to other metal objects
- Stop using a battery that feels hot, changes color, or emits an odor

**DOT & Traffic Safety Compliance:**

1. 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.
2. MUTCD Type A (flashing) and Type C (solid on)
3. NFPA 1901 Standards for Traffic Safety, Section 6.7.3 Miscellaneous Equipment.

**Packaging:**

Each box:	1 lbs. (0.45 kg)	0.04 CF (0.001 CM)	5.125" L x 2" W x 6.625" H
Case (4/case):	5 lbs. (2.27 kg)	0.16 CF (0.005 CM)	7.75" L x 6.9375" W x 5.25" H
Each Kit:	3 lbs. (1.4 kg)	0.21 CF (0.006 CM)	5.25" L x 5.75" W x 5.5" H
Each Case (2/case):	6 lbs. (2.7 kg)	0.25 CF (0.0007 CM)	12" L x 6" W x 6" H

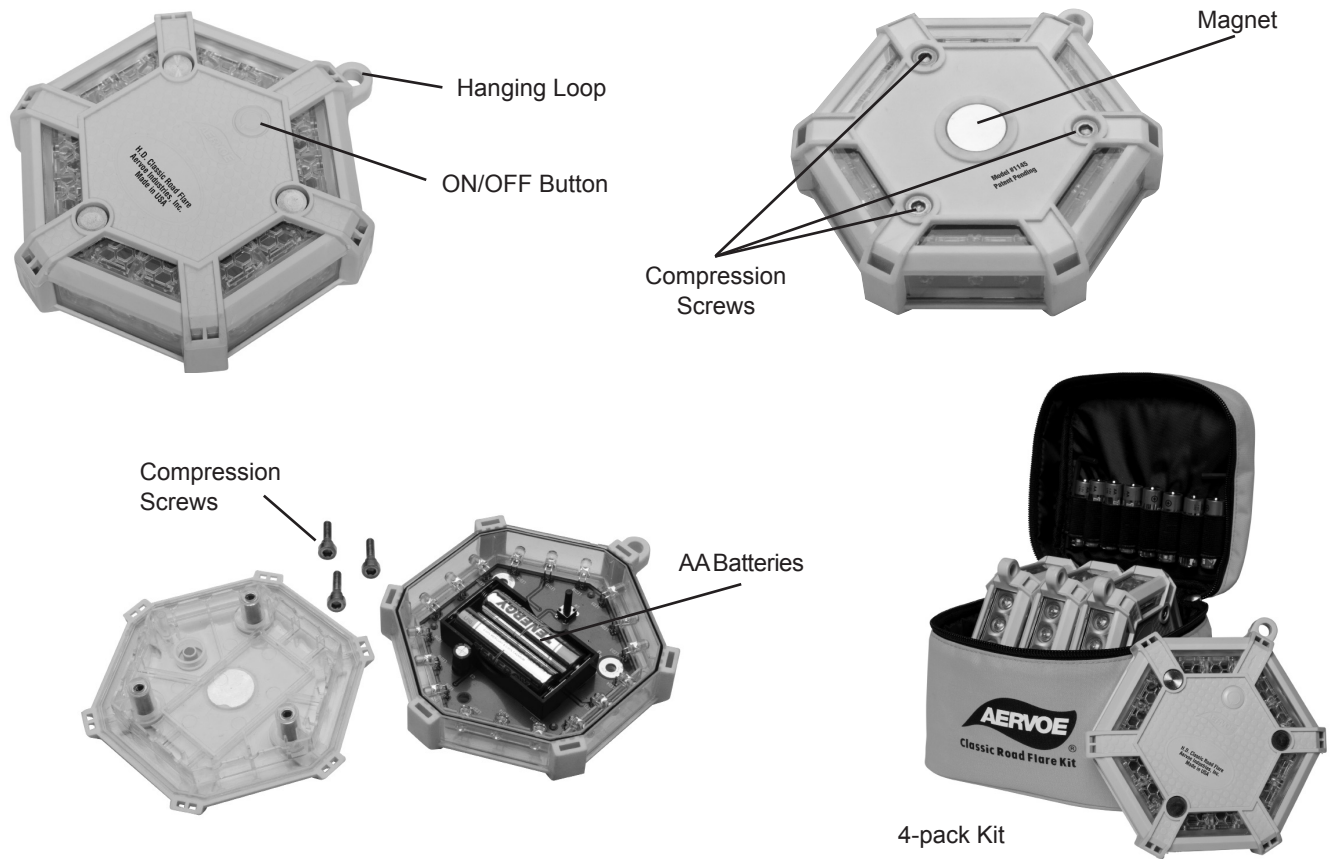


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## II. DIAGRAM



## III. SPECIFICATIONS

Battery .....	AA alkaline batteries included. Replacement battery specs may vary.
18 LED Bulbs .....	5mm, 20,000 MCD, 100,000 hour life
Temperature Range.....	14°F to 158°F (-10°C - 70°C)
Weight .....	11450/11460: 8 oz. 11470/11480: 2 lbs. 12 oz.
Dimensions.....	11450/11460: 5" L x 4.25" W x 1.5" H (12.7 x 11.4 x 3.8 cm) 11470/11480: 5.25" x 5.75" x 5.5" (13.3 x 14.6 x 14 cm)
DOT & Traffic Safety Compliance .....	1. 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). 2. MUTCD Type A (flashing) and Type C (solid on) 3. NFPA 1901 Standards for Traffic Safety; Section 6.7.3 Miscellaneous Equipment

FLASH PATTERN	RUN TIME	FLASH PATTERN	RUN TIME
#1 - ROTATE	30+ HOURS	#5 - S.O.S. RESCUE (MORSE CODE)	60+ HOURS
#2 - QUAD FLASH	30+ HOURS	#6 - STEAD ON - HIGH	15+ HOURS
#3 - ALTERNATING BLINKS	20+ HOURS	#7 - 3 LED MARKER LIGHT	40+ HOURS
#4 - QUICK FLASH	40+ HOURS		

## IV. SHIPPING, STORAGE AND HEALTH

UN Number.....	N/A
Proper Shipping Name .....	Non-regulated Material
Hazard Class .....	N/A
Packing Group.....	N/A
Limited Quantity?.....	N/A
Warehouse Storage Level .....	N/A
Storage Temperature .....	70°F

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

## V. WARRANTY

1-year performance warranty on all products from date of purchase. Report to home office or local Aervoe representative for examination. Because Seller cannot control Buyer's handling or use of product, Seller makes no warranty expressed or implied when not used or stored in accordance with directions. Seller shall not be liable for cost of labor, incidental or consequential damages, and this warranty is limited to replacement of product or credit of purchase

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