

# Specifications

## ESPECIFICACIONES / SPÉCIFICATIONS

<b>Dimensions</b>	9.9" (253 mm) length
	2.2" (56 mm) diameter
<b>Weight</b>	0.66 lbs (300g) – Light excluding batteries and bracket
	0.71 lbs (330g) – Light including batteries (excluding bracket)
	0.90 lbs (406g) – Light including batteries and bracket
<b>Modules (1)</b>	Completely sealed electronics
<b>Flashing Rate</b>	50-70 times per minute
<b>Flashing Light Intensity</b>	Minimum of 3 candelas per flash in all directions of upper hemisphere
<b>Operational Life</b>	40 hours over 3 cd at 30°C (86°F) 24 hours over 3 cd at -1°C (30°F)
<b>Batteries</b>	2 AA Lithium Batteries (L91) / User Replaceable (Not Included)
<b>Material</b>	UV resistant polycarbonate
<b>Activation</b>	Automatic gravity switch
<b>Operation</b>	Throw SM-3 overboard or turn upright and strobe light will activate
<b>Lamp</b>	Ultra-Bright LED
<b>Bracket</b>	UV resistant polycarbonate (same mounting hole pattern as previous SM-2 model for easy retrofit)
<b>Approvals</b>	USCG / MED / SOLAS
<b>Warranty</b>	1 year
<b>Recommended Battery Replacement Interval</b>	1 Year

## W A R N I N G

The SM-3 Automatic Crew-Overboard Light is tested and approved using 2 Energizer L91 Lithium AA (Lithium/Iron Disulfide [Li/FeS<sub>2</sub>] - 1.5 volts nominal voltage) batteries. While the light will function with AA Alkaline batteries, it WILL NOT meet the regulatory standards to which it has been approved when AA Alkaline batteries are installed. Only Energizer L91 Lithium AA batteries or AA Lithium batteries with the same chemistry/voltage combination should be used.



# ACR Electronics

## Quick Start Guide

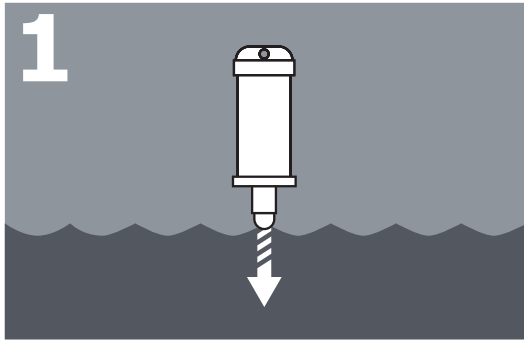
# SM-3

LIFEBUOY

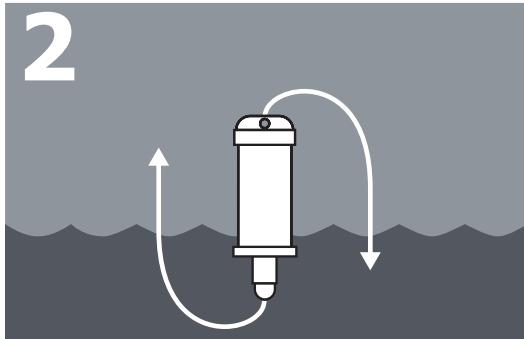
SELF-IGNITING LIGHT

PRODUCT No. 3947

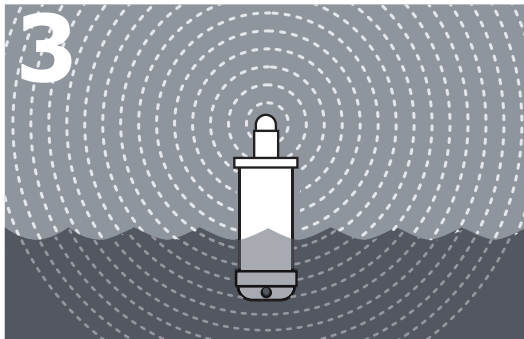
No. De PRODUIT 3947



Place in water



Automatically rights itself in water



Automatically activates with dome up

## 1.1 MOUNTING BRACKET / SUPPORT DE MONTAGE

The installation procedure requires that the mounting bracket be securely fastened in any convenient location that would provide immediate access in the event of an emergency. Suitable length 1/4 - 20 stainless screws should be used for mounting the bracket. Screw heads should not protrude inside the bracket surface. The mounting bracket is designed to hold the light in the inverted position and prevent free movement of the light when properly secured within the bracket. The bracket is designed for mounting on a vertical surface.

## 1.2 BATTERY / BATTERIE

The SM-3 is shipped without batteries. See warning on the back cover of this guide for the correct batteries that should be used. Open the SM-3 by aligning the unlocked padlock symbol on the top portion of the light with the marking seen on the bottom portion of the light. Insert batteries in the battery tube with the positive terminal of both batteries facing upward toward the "+" symbol seen at the top of the battery tube.

## 2.1 OPERATION / FONCTIONNEMENT

The unit should be tested monthly. Remove the SM-3 from its bracket and invert it. The unit should begin flashing at a rate of 50-70 flashes per minute. Re-invert the unit after confirming correct operation.

## 2.2 INSPECTION / INSPECTION

Check the exterior of the unit for damage which might affect proper operation (damage to globe, cracks in case, etc.). Check bracket security.

