

# Inflatable Liferaft Lights (MED/SOLAS Approved)

Model: HXFD-I/HXFD-II

Available in 4-Socket or 2-Socket variations.

## Technical Specifications

- **Light:**  $\Phi 86$ , H45mm
- **Battery Body:** L72mm x W42mm x H80mm
- **Wire Length(Exterior):** 1300mm
- **Wire Length(Interior):** 800mm
- **Material:** PC, ABS
- **Color Of Lampshade:** Semi-transparent
- **Light Intensity(Exterior):**  $\geq 4.3\text{cd}$
- **Light Intensity(Interior):**  $\geq 0.5\text{cd}$
- **Bulb Type(Exterior):** White LED 0.2W
- **Bulb Type(Interior):** White LED 1.0W
- **Operating Life:**  $\geq 12\text{h}$
- **Flash Frequency:** 50-70 times/minute
- **Battery:** Model 26500 Lithium Battery
- **Working Voltage:** 3.6V
- **Battery Validity:** 5 Years
- **Environmental Temp.:**  $-30^{\circ}\text{C} \sim +65^{\circ}\text{C}$
- **Working Temperature:**  $-1^{\circ}\text{C} \sim +30^{\circ}\text{C}$
- **Activation Method:** Must be activated via pulling out switch pin

## Certifications

- **Approval:** RINA certificate
- **Testing Standards:** IMO Res. MSC.81 (70), as amended, EN 60945:2002 incl. IEC 60945 Corr.1:2008, ISO 24408:2005
- **Reference Standards:** SOLAS 74 Reg. III/34, IMO Res. MSC.36(63)-(1994 HSC Code) 8, IMO Res.MSC.48(66)-(LSA Code) I, IMO Res. MSC.48(66)-(LSA Code) IV, IMO Res.MSC.97(73)-(2000 HSC Code) 8, IMO MSC.1/Circ.1628
- **Approval:** CCS certificate
- **Approval Standards:** Regulations 4,7,22,26,32 and 34, Chapter III of International Convention for the Safety of Life at Sea, 1974, as amended. Chapter I,II and IV of MSC.48(66) International Life-saving Appliance Code, as amended. Part 1 of MSC.81(70) Revised Recommendation on Testing of Life-saving Appliance, as amended.



## Manufacturer



Dongtai Martian Ship Equipment Co., Ltd.



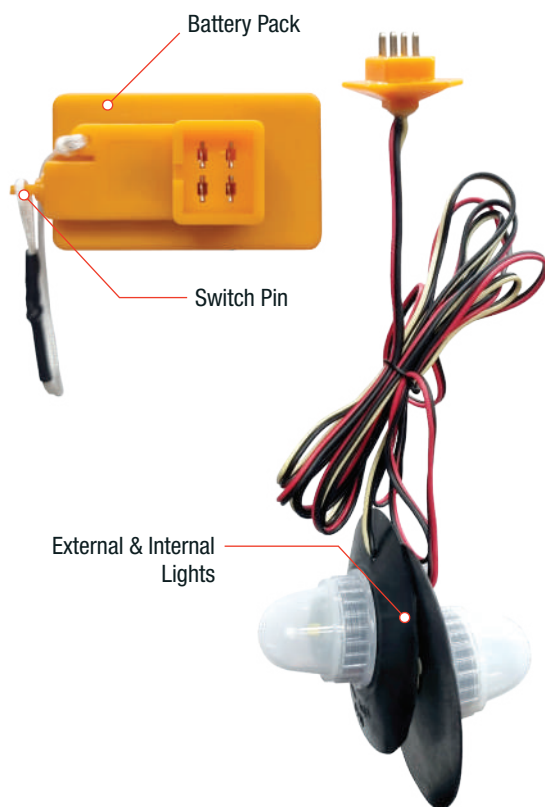
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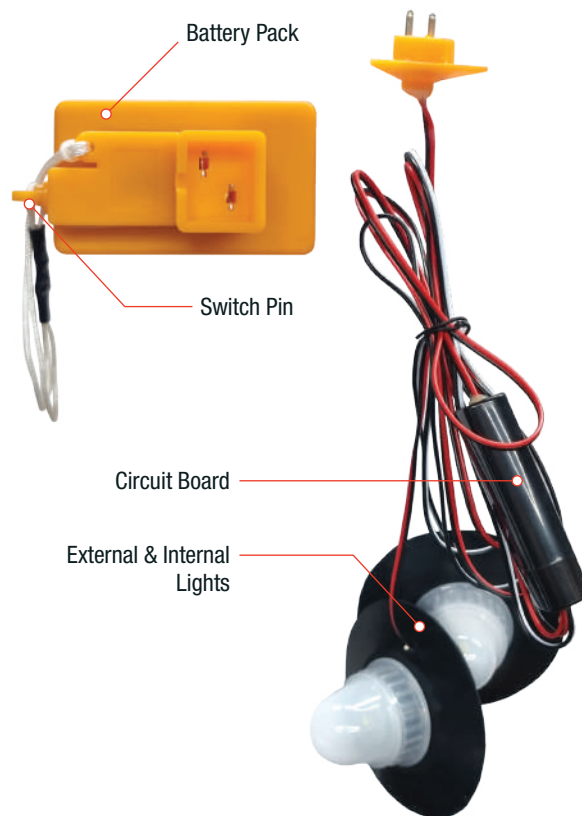
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Mars Safety International Pte Ltd is the Singapore Overseas Branch of Dongtai Martian Ship Equipment Co., Ltd.

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HXFD-I (4-Socket)



HXFD-II (2-Socket)

## Product Features

- MED/SOLAS approved external and internal lights for inflatable liferaft, enhances visibility during emergencies, especially in low-light or dark conditions.
- The lighting unit consists of three components: the battery pack, exterior flashing light, and interior steady light.
- Available in both 4-Socket and 2-Socket options.
- External flashing light produces a minimum of 4.3cd and the internal steady light produces a minimum of 0.5cd.
- This lighting unit can last a minimum duration of 12 hours.
- The switch pin must be secured to the liferaft so that it is pulled out during inflation, causing both lights to activate automatically.
- The device can be deactivated by reinserting the switch pin back into the battery unit.



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