



Detailed specifications based on in-depth solar simulation for your selected location and configuration options.



M650H

Features

- Up to 60 candela IALA peak intensity
- over 4-nautical miles
- Greater than 8° vertical divergence
- 169 mm ht, 176 mm dia.
- 1.58 kg
- GPS flash synchronization

[Marine web page](#)

Product Options

Flash Character	128
LED Color	White
GPS Flash Synchronization	false

Location and Environment

Address	601 Main St, Odessa, DE 19730, USA
Latitude	39.46
Longitude	-75.66
Transmissivity	0.74

Transmissivity is the amount of light that remains after atmospheric absorption and scattering.

Performance

Effective Intensity	13.5
	Effective (not peak) intensity. Measured in Candelas (cd)
Range	2.9
	Range is measured in nautical miles (NM). Adjusted for transmissivity.
Days of Autonomy	12.6
	Days the lantern can function without solar recharging.
Minimum ALR	1.4
	Minimum recommended array to load ratio (ALR)

Product Configuration Settings

Setting	NA
	Product configuration setting.
Duty Cycle Limit	100%
	Product configuration setting.

Simulation Version: **4.26**



HUGHES 824

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