

M44

High Intensity Lantern Range 6-15 NM

The M44 lantern is a versatile and innovative solution for navigational lighting. Designed with a durable acrylic lens and a marine-grade aluminum body, it performs reliably in diverse marine environments. Its Bluetooth programmability enables easy configuration, while optional GNSS synchronization and LTE-M connectivity bring advanced technology to the forefront.

With availability in four IALA signal colors, three vertical divergences, and compatibility with 12–24 VDC, the M44 adapts to various applications. The Sabik Bluetooth™ app allows for seamless adjustments on the go to meet specific site requirements. Moreover, the M44 features wire synchronization, optional GNSS sync, outstanding power efficiency, and an exceptionally wide intensity range, making it ideal for medium- to long-range applications.

- **Range 6-15 NM**
- **Available in three vertical divergences: 2.5°, 5° or 10°**
- **High-efficiency design for optimal performance**
- **Low heat dissipation, efficient heat management for prolonged lifespan**
- **Conveniently programmable via Bluetooth**
- **Utilizes advanced high-intensity LED technology**
- **Optional LightGuard LTE-M monitoring and GNSS synchronization**
- **Adjustable Intensity with customizable day and night settings**



Performance

Product	Power consumption [W] @ Peak Intensity	2.5° Peak Intensity [cd]	5° Peak Intensity [cd]	10° Peak Intensity [cd]
M44 WHITE	115	21 500	12 500	6 000
M44 RED	110	13 000	7 000	3 500
M44 GREEN	115	16 000	9 000	4 500
M44 YELLOW	115	12 000	6 500	3 400

Electrical specification

Nominal operating voltage	24 VDC / 12 VDC
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Structure and materials

Light source	High intensity LEDs
Lens	Machined cast Acryl, UV Protected
Body	Marine-grade aluminium
Cable length	2 m / 6.6 ft
Ingress protection	IP67
Temperature range	-30° to +50°C / -22° to +122°F
Warranty	3 years

Functional features

Remote monitoring	LTE-M (optional)
Programming	Bluetooth, Infrared programmer
Synchronization	Wire sync, optional: GNSS sync
Flash character	Any IALA character + 1 custom character
Day & night mode	Automatic and programmable

Dimensions

Product	Product dimensions (DxH) mm	Product weight kg	Packing dimension (DxWxH) mm	Gross weight kg	Product dimension (DxH) inch	Product weight lb	Packing dimensions (DxWxH) inch	Gross weight lb
M44-1T-2D5	Ø 300x160	5.6	520x520x220	7.4	Ø 11.8x6.2	12.3	20.4x20.4x8.6	16.3

Product code

Code	Note
M44-1T-c2D5-OPT	
c	Color (R, G, W or Y)
ddd	Vertical divergence (2D5, 05D, 10D)
OPT	Option

Option

OPT 4E	GNSS synchronization with external antenna (60cm lead)
OPT 9E	LightGuard LTE-M monitoring and GNSS sync with external antenna (60cm lead)

Accessories

PS-480	480W Power source for 1T lantern
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