

## M44

### High Intensity Lantern Range 6-15 NM

The M44 lantern stands as a versatile beacon of innovation in navigational lighting. Precision-crafted with a durable acrylic lens and a marine-grade aluminum body, it excels in diverse marine environments. Its Bluetooth programmability ensures high efficiency, while optional GNSS sync 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 is adaptable to various applications. Additionally connecting the lantern to the Sabik Bluetooth™ app allows for tailored adjustments on the go for specific site requirements. Equipped with wire synchronization and optional GNSS sync, the M44 offers precision and efficiency in navigational lighting.

- **Range 6-15 NM**
- **Wide intensity range**
- **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	Machine 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

Product code

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

Options

OPT 4E	GNSS synchronization with external antenna (60cm lead)
OPT 9E	LightGuard LTE-M monitoring and GNSS sync with external antenna (60cm lead)
OPT 12	Auxiliary card with digital outputs

Accessories

PS-480	480W Power source for 1T lantern
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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

