

## **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 intesity 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



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## **M44**

#### 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**

## 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

Color (R, G, W or Y)
Vertical divergence (2D5, 05D, 10D)
Option

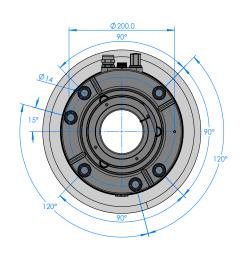
## **Options**

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

## **Dimensions**

Product	Product dimensions (DxH) mm	Product weight kg	Packing dimension (DxWxH) mm	Gross weight kg	Product dimensiion (DxH) inch	Product weight lb	Packing dimensions (DxWxH) inch	Gross weight lb
M44-1T-2D5	Ø 300×160	5.6	520×520×220	7.4	Ø 11.8×6.2	12.3	20.4×20.4×8.6	16.3





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