M850

Self-contained LED lantern,
3 to 6+ NM Range

The M850 combines a compact, high-efficiency solar engine with premium components and a rugged design for best-in-class performance at an optimal price. This lantern is suitable for use in most solar locations. To view performance in your installation location, visit www.sabik-marine.com ->Marine Selector Tool

- **Option for standard or wide divergences (for fixed or floating applications)**
- **Multiple cost-effective battery pack options suitable for a wide variety of installation locations**
- **Built-in calendar function for automatic deactivation during off-season months**
- **Top-mounted 4-character LED display with simple »tap to activate« functionality**
- **Premium grade, UV resistant polycarbonate lens material**
- **Environmentally friendly, super durable powder-coated aluminium chassis**
- **Adjustable intensity and range**
- **IP 68 rated**
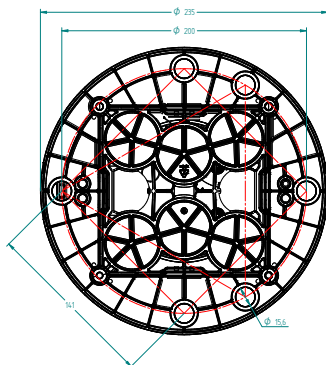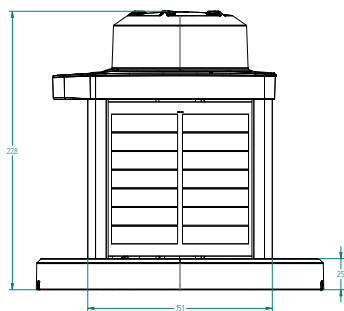- **GPS synchronized flash option**
- **Remote monitoring options available**

Optical performance

Maximum fixed intensity

M850	239 cd	290 cd	445 cd	320 cd

Main Technical Specification

Lens visual/Mechanical diameter	111 mm
Construction	Premium grade, UV resistant polycarbonate lens/head and polycarbonate/polysiloxane co-polymer base
Light source	High Flux Surface Mount LEDs with colour-specific temperature-corrected LED driver
Vertical Divergence (FWHM)	8º (standard) or 10º (wide)
Solar modules	High-efficiency cells; MPPT; 4 x 1,7 W
Battery	Two replaceable, recyclable battery options, AMG sealed lead acid; 60 Wh / 6.3 V / 10 Ah capacity and 96 Wh / 6.3 V / 16 Ah capacity
Degree of ingress protection	IP 68 immersion
Weight	4.5 kg M850 60X 5.3 kg M850 96E
Overall height	226 mm
Overall width	235 mm dia.
Installation	3, 4 or 5 x M12 on 200 mm dia.
Charge port	Factory option
GPS sync	Factory option
Remote monitoring	Optional satellite monitoring

Order Overview M850

Product codes

Colour	M850 60X (GPS) (Sat. monitoring)	M850 96E (GPS) (Sat. monitoring)
red	M850R-60X (-GPS)(-MON)	M850R-96E (-GPS)(-MON)
green	M850G-60X (-GPS)(-MON)	M850G-96E (-GPS)(-MON)
white	M850W-60X (-GPS)(-MON)	M850W-96E (-GPS)(-MON)
yellow	M850Y-60X (-GPS)(-MON)	M850Y-96E (-GPS)(-MON)