



## 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](http://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



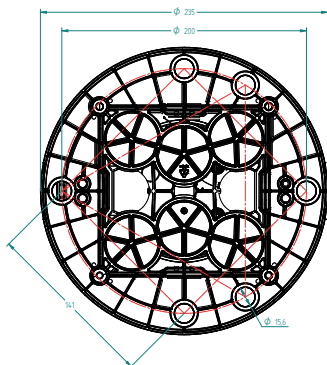
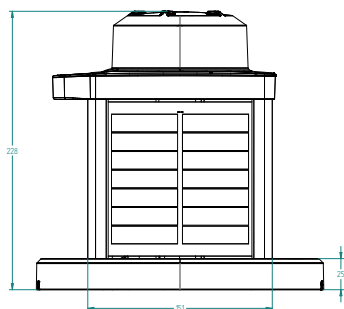
### Optical performance

#### Maximum fixed intensity

M850	239 cd	290 cd	445 cd	320 cd
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### Main Technical Specification

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