



## M860

**Self-contained LED lantern,  
4 to 7+ NM Range**

With a durable, large-format solar engine, the M860 is engineered for consistent, reliable performance at remote installations and in challenging insolation locations. This is a premium and full-featured lantern that is suitable for achieving longer ranges in challenging insolation 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 de-activation 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**



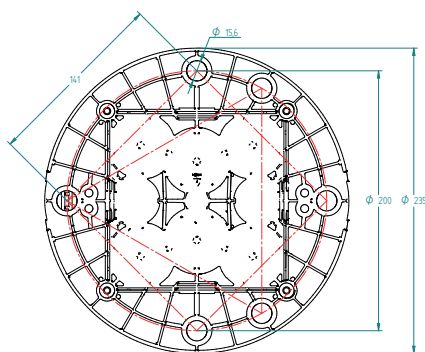
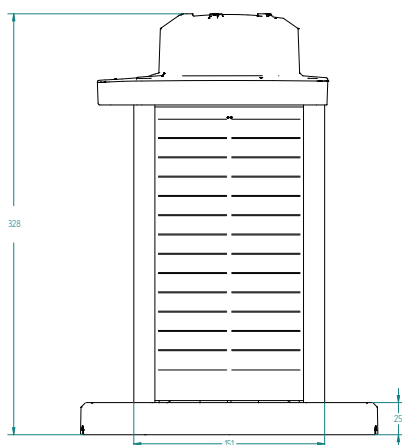
## Optical performance

### Maximum fixed intensity

M860	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 3,8 W
<b>Battery</b>	Two replaceable, recyclable battery options, AGM sealed lead acid; 96 Wh / 6.3 V / 16 Ah capacity and 200 Wh / 8.4 V / 25 Ah capacity
<b>Degree of ingress protection</b>	IP 68 immersion
<b>Weight</b>	6.4 kg M860 96E 10.2 kg M860 200BC
<b>Overall height</b>	328 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 M860

### Product codes

Colour	M860 96E (GPS) (Sat. monitoring) (with 96Wh battery)	M860 200BC (GPS) (Sat. monitoring) (with 200Wh battery)
red	M860R-96E (-GPS)(-MON)	M860R-200BC (-GPS)(-MON)
green	M860G-96E (-GPS)(-MON)	M860G-200BC (-GPS)(-MON)
white	M860W-96E (-GPS)(-MON)	M860W-200BC (-GPS)(-MON)
yellow	M860Y-96E (-GPS)(-MON)	M860Y-200BC (-GPS)(-MON)