

# **M860**

# Self-contained LED lantern for buoys and beacons Range 4 to 7 NM

The M860 is engineered with a durable, largeformat solar engine for consistent, reliable performance at remote installations and challenging insolation locations. It is a premium, full-featured lantern that can achieve longer ranges in challenging insolation locations. To view performance at your installation location, visit www.marine.sabik.com and use the Marine Selector Tool

- Options 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 power-coated aluminium chassis
- Adjustable intensity and range
- IP68 rated
- GPS synchronized flash option
- Remote monitoring options available



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#### Performance

Product	Vertical divergence @ 50% peak intensity	Peak intensity red	Peak intensity green	Peak intensity yellow	Peak intensity white	
M860	80	239 cd	290 cd	320 cd	445 cd	

#### **Electrical specification**

Solar modules	High-efficiency cells; MPPT; 4 x 3,8 W		
Battery	Battery options: 96 Wh / 6.3 V / 15 Ah capacity 186 Wh / 12 V / 15.5 Ah capacity 200 Wh / 8.4 V / 24 Ah capacity		

#### **Product code**

Code	Note
M860-cddd-bbb-opt	
С	colour (R, G, Y or W)
ddd	Vertical divergence (08D or 10D)
bbb	Battery capacity (96E, 186LC or 200BC)
opt	Option (GPS, SAT, BLE or CP)

#### 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			
Degree of ingress protection	IP68			
Installation	3, 4 or 5x M12 on 200 mm dia.			
Birt deterrent	Stainless steel			
Interface	4-digit display			

# Product code example: M860-R08D-200BC-GPS-CP

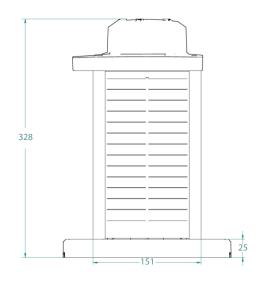
- M860-R08D is Sabik code for M860 with 8° vertical subtense in red
- 200BC is a selection of the 200 Wh battery option
- GPS is a selection of GPS synchronization
- CP is a selection of external charge port

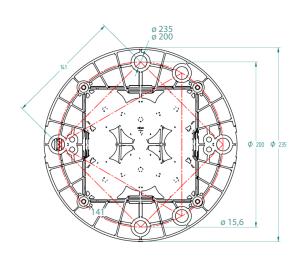
# **Options**

GPS	GPS synchronization
SAT	Satellite monitoring
BLE	Bluetooth control
СР	External charge port

# **Dimensions**

Product	Product dimensions (DxH) mm	Product weight kg	Packing dimensions (DxWxH) mm	Gross weight kg	Product dimensions (DxH) inch	Product weight lb	Packing dimensions (DxWxH) inch	Gross weight lb
M860-cddd-96E	235×328	6.4	330x330x432	8.2	9.25×12.91	14.11	13×13×17	18
M860-cddd-186LC	235×328	9.5	330x330x432	11.1	9.25×12.91	20.94	13×13×17	24
M860-cddd-200BC	235×328	10.2	330×330×432	11.8	9.25×12.91	22.49	13×17×13	26





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