

Solar Port entrance lantern, Type M860

Robust solar light with battery pack for permanent and reliable marking of port entrances and maritime obstacles. The built-in battery is designed for 5 years of maintenance-free operation. The high battery capacity and active load control ensure stable operation for up to 4 weeks, even with little sunshine and/or long periods of fog.

The light is switched on and off via the integrated twilight switch. Continuous light or various flashing frequencies and intensity levels enable visibility ranges between 4 and 7 nautical miles. It is configured ex works according to requirements. After installation, the parameters can be adjusted as required using the separately available programming device (optional: Bluetooth®).

For critical applications, the lantern status can be monitored via satellite (optionally).

The housing and lens are made of plastic, while the supporting elements are made of powder-coated aluminium.

A bird deterrent is included in the scope of delivery.



Technical Data

Casing	Polysiloxanes, UV-resistant
Lenses/light emission	Polycarbonate, UV-stabilised
Protection	IP 68
Weight	10.2kg
Source of light	high performance LED
Mounting	3 or 4 screws, M10
Visibility	4 - 7 NM (TC=0.74)
Beam angle	360° (horizontal) 8° (vertical)
Maximum intensity with fixed light	red 239 cd green 290 cd yellow 320 cd white 445 cd
Voltage	4 x 3.8W high performance solar cell with MPPT controller 186Wh battery / 12V / 15.5Ah (replaceable by Hugentobler Spezialleuchten AG)

Technical Data (continuation)

Power consumption	n/a
Temperature	-30°C to +50°C
Configuration	by programming device (accessory) by Bluetooth® (optionally)

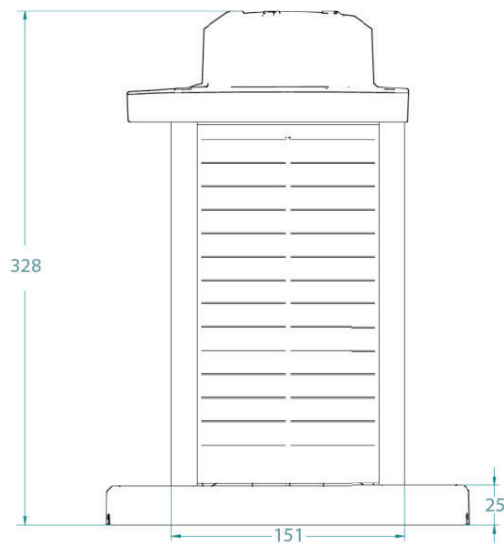
Execution and Accessory

Options	- external charging port - option paket 1 consisting of status monitoring via satellite and web portal / GPS synchronisation / Bluetooth® programming
Accessories	- programming device - sector foiling - various mounting brackets - pole

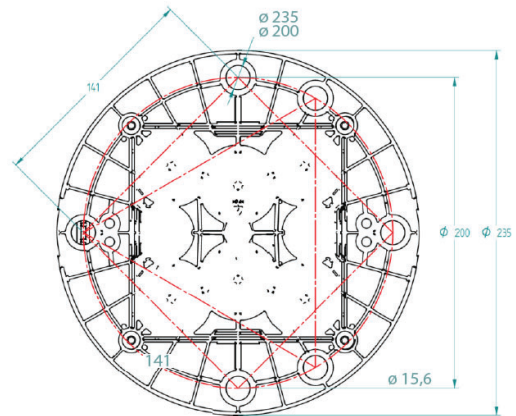
Order Information

Order number	M860cc-186-v
Color code (cc)	RD red GN green YE yellow WH white
Option (v)	BT with GPS/Bluetooth SATCOM with GPS/SAT function

Side view



Bottom view



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