

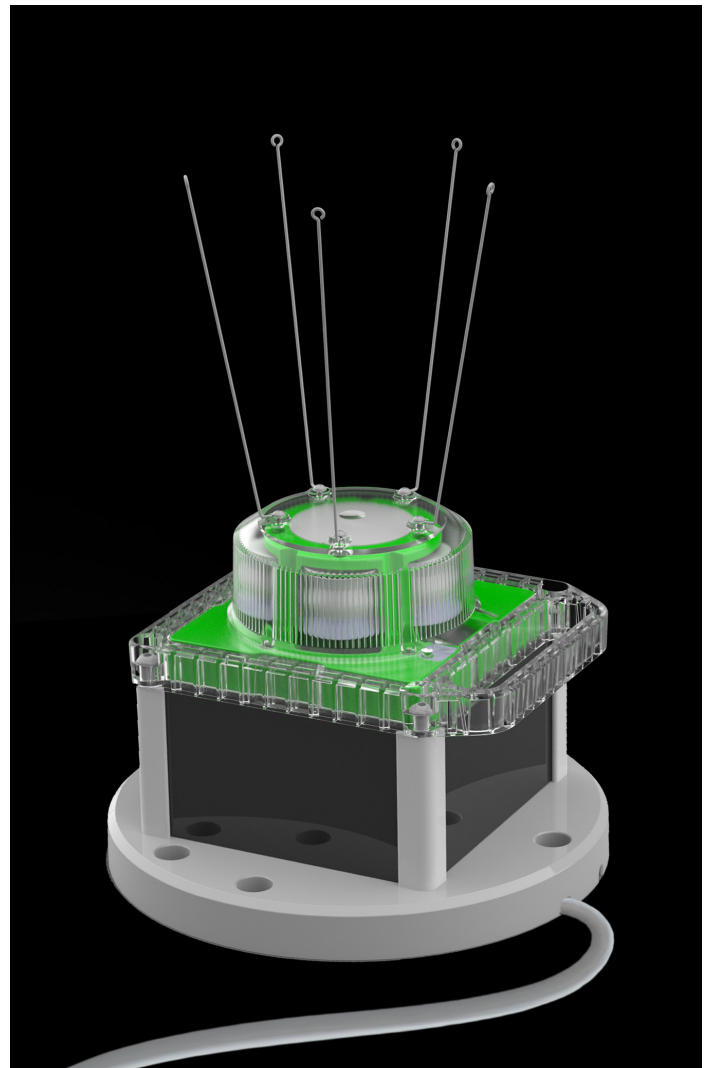


M840

Standalone lantern for buoys and minor beacons
Range 4 to 7 NM

The M840 is a premium and full featured standalone component lantern for ranges up to 7 NM. It can be used both in fixed and floating installations. The lantern is powered via external 12V power source. With low power consumption the M840 is well suited for off-grid installations. Programming can be done with IR programmer or with Sabik Bluetooth Control from up to 50 meters away. The lantern supports satellite remote monitoring, wire and GPS synchronization. Well tested and field proven design requires no regular maintenance except for external cleaning and has 10+ years design life in harsh marine environment.

- **Powered with external 12V power source**
- **Trusted by competent authorities around the globe**
- **Consistent and reliable performance in compact, durable and lightweight package**
- **Range 5 to 9 NM @0.85T**
- **Supports satellite remote monitoring and Bluetooth® programming**
- **Automatic off-season deactivation**
- **Conforms to IALA recommendations for lit AtoN-equipment**
- **Premium grade, UV resistant polycarbonate lens material**
- **Long lasting and highly durable IP68 rated powder-coated aluminum chassis**



Performance

Product	Vertical divergence @ 50% peak intensity	Peak intensity red	Peak intensity green	Peak intensity yellow	Peak intensity white	Power consumption @ peak intensity
M840-08D	8°	239 cd	290 cd	320 cd	445 cd	8.5 W

Electrical specification

Nominal operating voltage	12 VDC
Operating voltage range	9 - 15 VDC

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
Cable length	4.3 m / 14 ft
Installation	3 or 4 x M12 on 200 mm dia.
Synchronization	Wire sync, optional: GPS
Remote monitoring	Optional satellite monitoring

Product code

Code	Note
M840-cddd-OPT	
c	colour (R, G, Y or W)
ddd	Vertical divergence (08D or 10D)
OPT	Option (GPS, SAT or BLE)

Product code example: M840-G08D-SAT

- ♦ **M840-G08D** is Sabik code for M840 with 8° vertical subtense in green
- ♦ **SAT** is a selection of option Satellite monitoring

Options

GPS	GPS synchronization
SAT	Satellite monitoring
BLE	Bluetooth control

Dimensions

Product	Product dimensions (DxH) mm	Product dimensions with bird spikes (DxH) mm	Product weight kg	Product dimensions (DxH) inch	Product dimensions with bird spikes (DxH) inch	Product weight lb
M840	235x174	235x338	1.9	9.2x6.8	9.2x13.3	4.2

