



VP II

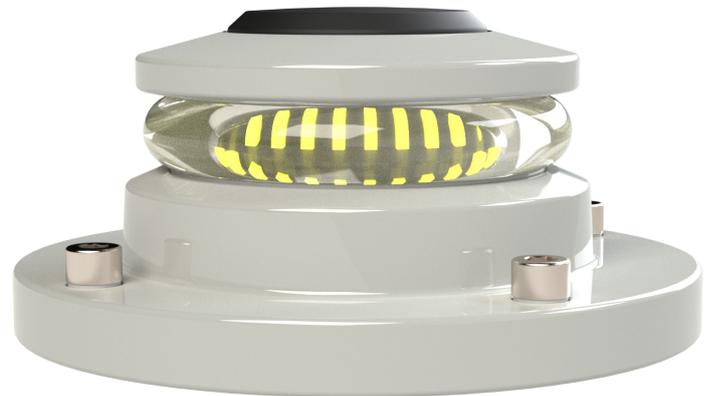
Buoy lantern for moderate ice conditions

Crafted from durable marine-grade aluminium, the VP II tricolor buoy lantern is meticulously designed and engineered for moderate ice conditions. Its proven resilience against the pressure and forces of ice, coupled with its sleek low-profile build, makes the VP II a staple in challenging marine environments. Specifically tailored for plastic ice spars and buoys, the VP II excels where lightweight solutions are a must. With its tricolor functionality (red/green/white or red/green/yellow), this lantern offers versatile signalling in one seamless unit. What sets it apart further is its remarkably low power consumption, making it an ideal choice for primary battery operation, ensuring both enduring performance and efficiency.

- Range up to 8 NM ($T_c = 0,74$)
- Designed to be fully waterproof, can sustain extensive submersion
- Tricolor functionality, red/green/white or red/green/yellow in one lantern
- Extremely low power consumption, ideal for primary battery operation
- Bluetooth programming
- Adjustable intensity and range
- Event log and calendar functionality

Optional:

- Long-range LTE-M remote monitoring technology
- GNSS position monitoring, accuracy of 2,5m CEP
- GNSS synchronization with an adjustable delay



Performance

Product	Max peak intensity red	Max peak intensity green	Max peak intensity yellow	Max peak intensity white
VP II RGY	370 cd	600 cd	370 cd	
VP II RGW	370 cd	600 cd		600 cd

Main Technical Specification

Lens visual/Mechanical diameter	132 mm
Lens material	UV protected Polycarbonate
Light source	High-intensity LEDs
Vertical divergence (wide lens)	10° @ 50% (±1°) of peak intensity
Unit lifetime	Up to 10 years
Weight	3.5 kg
Temperature range	-40°C to 60°C / -40°F to 140°F
Input voltage range	8 – 32 VDC
Power consumption	max 9 W
Degree of protection	IP 68

Order Overview VP II

Product code

Code	Note
VP2-CCC-10D-OPT	
CCC	Colors RGY or RGW
10D	Vertical divergence 10°
OPT	Options

Option matrix

OPT 4L: GNSS sync	Integrated GNSS sync including GNSS antenna
OPT 9L: LightGuard LTE-M + GNSS	Integrated LTE-M based monitoring including LTE-M/GNSS antennas

