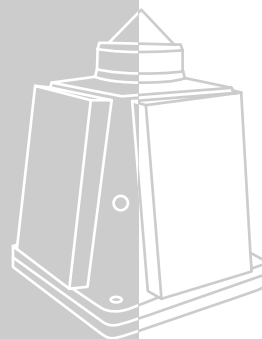




SELF-CONTAINED LANTERN SKE 4x10pW LEDmin MKII 3 – 5 nm

APPLICATION

Autarkic LED self-contained lantern for use on fixed structures for marking waterways or beacons



The self-contained lantern type SKE 4x10pW LEDmin MKII has been developed, taking into account a variety of factors, such as energy efficiency and long service life. It can be used as a marine navigation aid on beacons.

The light module of the LED marine lantern LEDmin MKII is fully integrated into the body of the self-contained lantern. This enables ranges of 3 to 5 nm to be achieved. Variants with 8°, 10° and 30° vertical dispersion are available. The self-contained lantern is available in the IALA light colours red, yellow, green and white.

A maintenance-free lead-gel battery and a solar charge controller with undervoltage detection is built into the self-contained lantern. Depending on the variant, up to 4 solar modules with 12 V / 10 pW each are mounted at an inclination at a 10° incline.

FEATURES

- LED insert with ranges up to 5 nm
- maintenance-free solar battery up to 60 Ah
- UV and seawater resistant polyethylene housing
- max. 4 solar modules with 12 V / 10 pW each
- waterproof IP65

OPTIONAL

- GPS synchronization
- IR remote control



TECHNICAL SPECIFICATIONS

Operating voltage	12 V _{DC}
Battery	lead gel battery
Nominal capacity (C100)	12 V / 32 Ah
Zyklen according to IEC896-2	800
Solar modul according to IEC61215	up to 4 x 12 V / 10 pW
Operating temperature range	- 25 °C – + 60 °C
Storage temperature range	- 40 °C – + 80 °C
Relative humidity	max. 98 %
Degree of protection	IP65 (according to DIN EN 60529)
Dimensions (L x B x H)	500 mm x 500 mm x 600 mm

TRANSPORT SPECIFICATIONS

Net weight	30 kg (depending on battery type)
Shipping weight	31 kg

LED LANTERN* LEDmin MKII

Power consumption	2 – 14 W (limited depending on geographical location)
Max. Light intensity I ₀	up to 500 cd (in white)
Light intensity	adjustable from 10 – 100 %
Range	up to 5 nm (T=0.741)
Scattering angle (FWHM)	8°, 10° or 30°
Light colour	red, yellow, green and white (IALA Optimum according to IALA Rec. E-200-1)

* For detailed technical specifications see data sheet of LED lantern LEDmin MKII

ARTICLE NUMBER	ARTICLE	LANTERN	LIGHT COLOUR
2-SKL1-00-11-00	Self-contained lantern SKE 4 x 10 Wp	LEDmin MKII	red
2-SKL1-00-22-00	Self-contained lantern SKE 4 x 10 Wp	LEDmin MKII	yellow
2-SKL1-00-33-00	Self-contained lantern SKE 4 x 10 Wp	LEDmin MKII	green
2-SKL1-00-44-00	Self-contained lantern SKE 4 x 10 Wp	LEDmin MKII	white
3Z-FB1-00-00-JS	IR remote control		

