

FA-155SC

SELF CONTAINED LIGHT FOR LOW RANGE APPLICATIONS



FA-155SC LED LANTERN

SELF CONTAINED 3 POWER SETTING LEVELS, LOW POWER CONSUMPTION, PHOTOCELL (DAY / NIGHT CONTROL), BATTERY AND SOLAR PANEL INCLUDED ON THE ASSEMBLY.

Fa-155SC is available in Red, Green, White and Yellow.

Form No.:120310

The FA-155SC offers the user a low-cost, high-quality self-contained light with an autonomy from 15 to 30 days depending of power and flash character settings. The base is marine grade aluminum and coated with anti-corrosion paint. The LEDs are efficiently coupled to a UV stabilized acrylic lens to provide 9.5 degrees of vertical divergence to 50% and 20 degrees to 50%, making it an ideal buoy lantern.

The lantern is sealed for an IP67 rating and programming is by external controller.

Featuring a highly efficient Fresnel-type acrylic drum lens system, the FA-155SC is a rugged and compact marine signal lantern. It is particularly suited for buoy applications or small beacons

FLASH CHARACTERISTICS and CURRENT SETTING

Three current setting are available to reach different Candela power output, depending of the desired range. 256 IALA user selectable flash codes. Programming is by external hand-held controller.

MECHANICAL DATA

- **LEDs:** State of the art high flux LED unit. LEDs mounted in a cluster to approximate a marine signal lamp located at the focal point of the lens
- **Height:** 300 mm. **Weight:** 5 kg.
- **Materials:** Precision-molded, high-temperature, acrylic cover. Cast aluminum base and frame.
- **Lens:** 155mm 360° visibility, acrylic, high efficiency Fresnel lens.
- **Operating Temperature:** -35°C to +55°C
- **Battery/Solar Panel:** Provides up to 30 days autonomy depending on intensity setting and flashcharacter.
- **Mounting Details:** 3 and 4 \varnothing 17 on 200mm bolt circle.

WHITE, LED ARRAY, CLEAR LENS			Effective Intensity, Cd vs Flash Duration, Sec											
Switch Position	Power Consumption from Battery, Watt [FIXED]	Mean Horizontal Candlepower, Cd; FIXED	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1	1.5	2
1	0.21	2.3	0.77	1.15	1.38	1.53	1.64	1.73	1.79	1.84	1.88	1.92	2.03	2.09
2	0.3	7.3	2.43	3.65	4.38	4.87	5.21	5.48	5.68	5.84	5.97	6.08	6.44	6.64
3	0.63	13	4.33	6.50	7.80	8.67	9.29	9.75	10.11	10.40	10.64	10.83	11.47	11.82

1. Vertical Divergence

9.5 degrees @ 50%
20 degrees @ 10%

