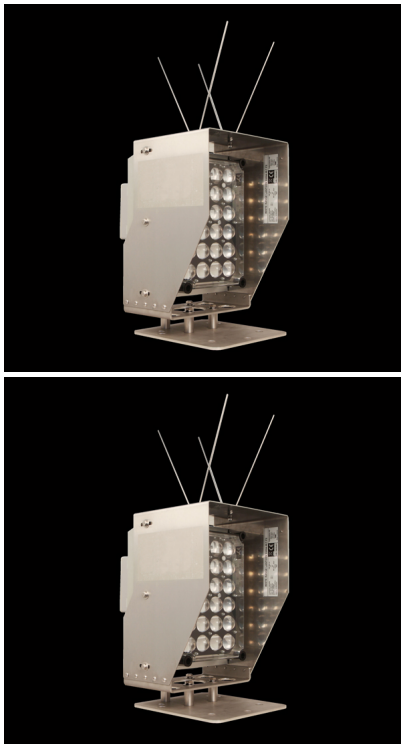


### E8554



LED range light signal for leading lights, up to 24 M range The E8554 is a robust highperformance, long life marine LED range lantern with several standard beam configuration alternatives available. The field proven E8554 design is foreseen with life cycle extension capability by replacing the LEDs after ten to twelve years for improved power efficiency. An E8554 Lantern supports fast PWM control necessary for generating navigational signals at reduced intensities, as well as for utilizing Fixed-and-Flashing (FFL) rhythmic characters or Slow Flash Front (SFF).

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Description

#### [Features](#)

##### **E8554 features:**

- Standard IALA colours Red, Green, White
- Factory-customized luminous intensity with peak value depending on selected colour and horizontal divergence
- Uniquely uniform beam width "flat top" horizontal profile, 3.5° to 30° FWHM
- Vertical divergence ? 3.8° (FWHM)
- Focal height 216 mm

- Internal redundant arrays and constant current electronics, dual power/signal receptacles as standard
- Stainless steel outer frame and pedestal, aluminium heat sink / back plate
- A 4x6 matrix of 24 lenses of machined optical grade UV-stable acrylic
- UV resistant, field-replaceable polycarbonate front cover
- Robust light unit for redundant AtoN systems without programmable parts inside
- Two built-in light sensors for redundant control systems
- Day and Night mode luminous intensities are currently configured by flasher by adjusting PWM duty cycle, hard-wired D/N intensities for external selection a future option
- Optionally available in "smart" version with externally integrated flasher and telematics controller
- Optionally available without the pedestal for building LED clusters for high-intensity leading lines

### [Downloads](#)

#### **Downloads**

[\\_pdf Product Datasheet E8554 \(pdf eng\)\\_](#)

[\\_pdf Product Datasheet E8554 \(pdf ES\) \(461 KB\)\\_](#)

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