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# *New Phoenix Lights Designed For Ease Of Maintenance*

Phoenix Lighting has introduced the SturdiSignal series of navigation lights, which feature a new design that allows for tool-less repairs, without any electrical work, to eliminate costly maintenance calls and reduce overall vessel operation costs. With a spare LED module kept on-board for field repairs, a vessel can always remain safe and compliant.

“For years, operators and naval architects have asked Phoenix for navigation light options that are modular and as durable as our other marine LED fixtures,” said Ryan Hertel, chief commercial officer for Phoenix Lighting. “We’re now proud to announce our SturdiSignal navigation lights, a self-monitoring navigation light that’s serviceable and repairable in the field, without a skilled electrician. These features are designed to keep marine vessels safe and compliant around the clock, no matter the circumstance. There has been a surge of initial interest from both our distribution partners and commercial operators.”

Phoenix says SturdiSignal navigation lights provide safe and reliable illumination for up to six nautical miles, for any vessel over 20 meters in length. The IP67-rated design will withstand moisture intrusion, and the products are subjected to rigorous rain and moisture tests.

Patented technology uses integrated sensors to constantly monitor the brightness intensity and deliver a warning if in-



**SturdiSignal Series design allows for tool-less repairs.**

tensity falls below the levels required by maritime regulations.

The SturdiSignal features a double-head autonomous option that automatically alternates LED heads to double the lifespan of a light and automatically switches to an alternate head if one fails or falls below required visibility. Marine operators can tailor Phoenix’s navigation lights to their specific needs by choosing from visibility ranges and color options. The SturdiSignal is available in both AC or DC voltage and has flexible mounting options to match existing bolt patterns.