Phoenix Lighting

PROBLEM STATEMENT

Legacy shipboard lighting fixtures consists of lamp, lampholder and most often ballasts. Required wattage varies from 60 to 1250 watts to support incandescent, fluorescent or discharge (HID) fixtures. High wattage light fixtures consume an enormous amount of ship energy while underway, which taps fuel. It is especially energy intensive while dockside and on land sourced energy. There is a better way.

BENEFITS

65 to 75% reduction in input energy requirement for lighting while ship is underway or dockside.

Without a lamp with filament or lamp holder, LED fixtures manufactured to marine standards are significantly more robust than legacy light fixtures, thus reducing maintenance.

TECHNOLOGY SOLUTION

LED Lighting. Solid State Lighting eliminates lamps and lampholders from the fixture, focusing on a Solid State circuit board with optics and a driver for power and energy conditioning. LED requires 25 to 35% of the input energy of legacy incandescent, fluorescent or discharge light fixtures.

GRAPHIC

PHOENIX®
DURABILITY X DESIGN™