

350 Watt Xenon LED “Hybrid” Searchlight

Auxiliary LED Lighting provides strategic short-range illumination for Search and Rescue, Docking, Seeing blind spots around Guard Towers, etc.!

Auxiliary LED Features

- **Strategic Lighting near Vessel:** LED Beam efficiently illuminates wide areas near the Marine Vessel or Guard Tower which traditional searchlight beams cannot effectively service.
- **Control Station Integration:** LED Switches are integrated into the Searchlight Controller, thereby taking up no additional console space.
- **Dual LED Module Design:** Two LED Light Modules powered by separate electronics, provides emergency backup, if one fails.
- **Low LED Power Consumption:** Only 35 Watts per module (70 Watts Total!)
- **Long LED Lamp-Life:** 50,000 Hours!
- **Voltage Input:** 12VDC to 24VDC
- **Battery Back-up:** Can be run directly off battery power because the Voltage Input is 12VDC to 24VDC.
- **Environmentally Robust:** IP67-Rated
- **LED Beam Pattern:** See Exhibit A on page two.



“Wall of Light” aimed instantly on demand!

What is an LED “Hybrid” Searchlight? Although LED capabilities have increased dramatically in recent years, it is still a long way from achieving even a fraction of the distance serviced by a Xenon searchlight. However, in order to service those greater distances, the traditional Xenon beam is narrower, which makes it difficult to effectively illuminate areas, closer to a Marine Vessel, or nearer to a Guard Tower. Therefore, Carlisle & Finch created the LED “Hybrid” Searchlight, which strategically combines the strengths of both LED and Xenon lighting technology, into one flexible product!

Imagine a passenger suddenly falls overboard on a Marine Vessel! Using the LED “Hybrid” searchlight, an operator can instantly direct a **“Wall of Light”**, wider than a football field, 200 meters away, anywhere around the vessel. The LED beam has evenly spread illumination, and a “pure white” color rendering, pleasing to the human eye. Or a sentry at a prison, can now illuminate wide areas closer to the guard tower, which previously could not be serviced with the narrower xenon beam. And in both cases, the operator can instantly use the Xenon searchlight beam, to pinpoint objects or people, thousands of meters away. Therefore, the LED “Hybrid” Searchlight efficiently services both short-range, and long-range lighting, on demand, with the same versatile product!



“Leaders in Searchlight Technology for over 122 years”



Exhibit A: Approx. Hybrid Beam Pattern

