

12 and 15-inch Halogen 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 and Guard Tower which traditional searchlight beams cannot service effectively.
- **Pure White Color Temperature:** Beam is distinctly White at 5500° Kelvin, which is pleasing to the eye, with no color distortions on Buoy’s, Markers, etc.
- **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 28VDC
- **Battery Back-up:** Can be run directly off battery power because the Voltage Input is 12VDC to 28VDC.
- **Environmentally Robust:** IP67-Rated
- **LED Beam Pattern:** See Exhibit A on page two.



12-inch Halogen above



“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 cost effectively achieving the distances serviced by Halogen searchlights. However, in order to attain those distances, the traditional Halogen beam is narrower, which makes it more difficult to effectively service areas, closer to a marine vessel, or nearer to a Guard Tower. Therefore, Carlisle & Finch now offers the LED “Hybrid” Feature, which strategically combines the strengths of both LED and Halogen technology, into one flexible product!

Imagine that a passenger suddenly falls overboard on a Marine Vessel! Using the LED “Hybrid” Searchlight, an operator can instantly direct a powerful **“Wall of Light”**, wider than a football field, approximately 200 meters away! The LED beam has evenly spread illumination, and a “pure white” color rendering, pleasing to the human eye. And of course, the operator can also use the Halogen searchlight beam, to pinpoint objects or vessels, many hundreds of meters away, instantly on demand. And a security installation would now be able to illuminate strategic areas closer to the Guard Tower as well. The LED “Hybrid” Searchlight efficiently services both short-range, and long-range lighting applications, with the same versatile product!



“Leaders in Searchlight Technology for over 122 years”



Exhibit A: Approx. Hybrid Beam Pattern

