

DHR 230 LED Searchlight

OVERVIEW

The 230RCL-Series LED searchlight is an excellent addition to the DHR LED family. It is a perfect solution for tugs, workboats, and inland vessels with its compact design. The 65W LED produces a color output of 5,000K and an intensity close to the same performance levels of 1,000W halogen searchlights. Using the highest performing mirror reflector on the market, a crisp & clear spot with no visible stray light has been ensured. The DHR230 is equipped with a unique bracket-design to realize an extreme downward vertical angle. This is specifically useful for close-range targets. Positions on high structures or foremasts of inland navigation vessels, where high angles up to 60° are desired, the DHR230 is the answer.



ADVANCED MARITIME
SIGNALLING SOLUTIONS

FEATURES

- 316L stainless steel brackets
- Parabolic silver plated glass mirror
- Large vertical downward angle
- Protective vent in drum
- Easy installation
- Compact base mounting
- Seawater resistant aluminum (AW5754) with a powder coated finish

SPECIFICATIONS

Light Source: LED
 Power Supply: 24 VDC
 Power Consumption: 65 Watt
 Range: 740m (2427')
 Operation Temperature: -25 to +45°C (-13 to 113°F)
 Protection Class: IP66 c/w Membrane vent



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Delta Maritime

An excellent choice for:

- Workboats
- Tugs
- Inland Navigation vessels

QUALITY STANDARDS



Excellent optics



Maintenance friendly



Large vertical angle



Lightweight construction



IP 66

Waterproof IP66



LED Technology

PRODUCT DETAILS

Dimensions

Height	24.3" (617mm)
Width	10.9" (277 mm)
Weight	25 lbs. (16 Kg)

Electrical

Input voltage searchlight	24 VDC
Input voltage control panel	19-32 VDC
Frequency range	50-60 Hz

Performance Optical Unit

Optical system	Silverplated mirror reflector
Adjustable focus	No
Beam angle at 50%	6° x 6°
Luminous intensity	>600,000 cd
Luminous flux	7,000 lm
Average lifetime	50,000 hrs
Color Temperature	5,000 K

Performance Motor Unit

Tilt	+ 25°/-60°
PAN	340°
Max. speed left/right approx.	34°/sec
Max. speed up/down approx.	3.2°/sec

General

Finish	UV resistant powder coating - White RAL9016
Front glass	Hardened glass
Seals	Silicone/Neoprene, black
Cable gland	M25x1.5