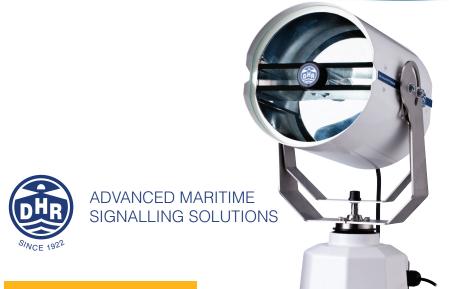
DHPAN2019NF



DHR 230 LED Searchlight

OVERVIEW

The 230RCB-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 75W 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.



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: 90-305 VAC
Power Consumption: 75 Watt

Range: 775m (2442')

Operation Temperature: -25 to +45°C (-13 to 113°F)

Protection Class: IP66 c/w Membrane vent





An excellent choice for:

- Workboats
- Tugs
- Inland Navigation vessels

QUALITY STANDARDS



Excellent optics



Maintenance friendly



Large vertical angle



Lightweight construction



Waterproof IP66



LED Technology

PRODUCT DETAILS

Performance Optical Unit

Performance Motor Unit

General

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

| Electrical | |
|-----------------------------|------------|
| Input voltage searchlight | 90-305 VAC |
| Input voltage control panel | 19-32 VDC |
| Frequency range | 50-60 Hz |

| • | |
|--------------------|-------------------------------|
| Optical system | Silverplated mirror reflector |
| Adjustable focus | No |
| Beam angle at 50% | 6° x 6° |
| Luminous intensity | >600,000 cd |
| Luminous flux | 8,767 lm |
| Average lifetime | 50,000 hrs |
| Color Temperature | 5,000 K |

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

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