

AHD-SL LED / HRL-2070

Remotely controlled searchlight with LED lamp



- ***Powerful searchlight with powerful and efficient LED lamps and remote-controlled positioning in horizontal and vertical axes***
- ***200,000 cd luminosity at 40,000 hours of life (approx. 30W LED)***
- ***Comfortable control via Böning remote units AHD-SLP, AHD SLP V2 or panel PC possible***
- ***Robust design with seawater-resistant aluminum housing***

General

AHD-SL LED / HRL-2070 is a powerful searchlight in a seawater-resistant aluminum housing, equipped with modern and efficient LED lamps. The searchlight can be moved in all four directions by motor and can be remote controlled.

Remote control

Böning has developed an optimized control unit that allows for very convenient operation of the searchlight.

The control can be carried out via one or several parallel devices of the type AHD-SLP (version 1 with buttons), AHD-SLP V2 (version 2 with buttons) or AHD-SLP V2 J (version 2 with joystick). The devices are equipped with a CAN bus connection, so that remote control via Böning Panel PC is also possible.

Connection and Power Supply

The searchlight is powered by 24 V DC as standard; it is connected to the AHD-SLP V2 control unit via a 6-pin round cable attached to the lamp (see the diagram in the AHD-SLP or AHD-SLP V2 data sheet).



Control Units AHD-SLP (Buttons), AHD-SLP V2 J (Joystick)

Technical Data

Searchlight AHD-SL LED / HRL-2070

Power supply	24V DC
Current consumption	1,6A (@ 24 VDC)
Weight	4,2 kg
Protection class	IP 56 (Aluminum housing sea water resistant)
Outer dimensions (WxHxD)	232x199x206 mm
Flange diameter	120 mm (outer diameter)
Lamp	LED, ca. 30W, 200.000 cd lifetime 40.000 h
Range	Up to 500 m, hor. spread = 7°, Vert. spread = 5°
Positioning	360° with endless rotation, vertically 9° up, 17° down
Positioning speed	2,8°/s (vertically) 20°/s (rotation - Slow) 31°/s (rotation - Fast)
Connection	via round cable, approx. 4.8 m (for AHD-SLP, AHD-SLP V2)
Item number	20132



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