



# FARI DI RICERCA



Wireless  
Mobile App  
Control



ACR THE SCIENCE OF SURVIVAL

WIRELESS LED SEARCHLIGHTS

# RCL-85

Easy to install and control, the weatherproof RCL-85 offers outstanding brightness and beam distance combined with exceptional value to fulfil a variety of uses, such as aiding night-time navigation, signaling other vessels, illuminating landmarks, assisting docking maneuvers and man overboard searches, or facilitating night-fishing expeditions

**240,000  
CANDELA**

240,000 Peak Candela  
6 High Flux 30W LEDs



Wireless Handheld  
Remote



[www.ACRARTEX.com](http://www.ACRARTEX.com)



# RCL-85

## WIRELESS LED SEARCHLIGHTS

The all new RCL-85 LED searchlight was designed for the boater who wants to ditch the hassle of halogen searchlights, but still wants their affordability. With an impressive 240,000 candelas using 6 High Flux (30W) LEDs, you have visibility over 1/2 of a nautical mile to light the way to your destination. The simple installation only requires running your 12 to 24 volt power to the searchlight, all operations are completely wireless.

The RCL-85 LED's sleek design makes it an attractive and cost-effective choice for small to medium sized recreational powerboats as well as light commercial vessels. This searchlight comes with a wireless handheld remote to rotate the light 350 degrees. With an 8 degree beam angle, the light can tilt an impressive 90 degrees to make lighting draw bridges, buoys and docks a breeze. Need to get some assistance, use the Strobe function to signal for help. The RCL-85 is weather resistant with the electronics located in the IP68 water-resistant light head instead of the base for increased protection. The ASA housing and lens are sealed against the elements for years of trouble-free operation.



**240,000  
CANDELA**

240,000 Peak Candela  
6 High Flux 30W LEDs



350° Rotation  
90° Tilt



Easy Installation  
12-24V Power Only



Wireless Handheld  
Remote



Energy Efficient  
2 Amps (12V) to 1  
Amp (24V)



Strobe Function

## SPECIFICATIONS

**Product Number:** 1956 (White) / 1957 (Black)

**Model Number:** RCL-85

### Weight

3.1 lbs (1.34 kg)

### Size

5.5 x 6.3 x 7.7" (14 x 16 x 19.5 cm)

### Color

White or Black

### Material

Acrylonitrile Styrene Acrylate (ASA)

### Operating Temperature

-22°F to +158°F (-30°C to +70°C)

### Peak Beam Candle Power

240,000 Candela

### Beam Max. Distance

3,215 Feet (980 Meters) / 0.5 NM

### Beam Pattern / Angle

Spot / 8°

### Elevation Angle

90°

### Rotation

350°

### Rotation / Elevation Speed

18° Per Second / 13° Per Second

### Lamp

LED 30W (OSRAM x 6) / 50,000 Hour Life

### Power Requirements

12 to 24 V DC

### Power Draw

2 Amps (12V) to 1.1 Amps (24V)

### Operational

Remote controlled wireless handheld remote (included) / 433.92 MHz

### IP Rating

IP56 (Housing) / IP68 (LED Module)

### Accessories

Wireless Dash Mount Remote (P/N 9635)

### Patents

9,212,813 & 9,890,923

### Warranty

2 Years

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THE SCIENCE OF SURVIVAL

WIRELESS LED SEARCHLIGHTS

# RCL-95

The ACR RCL-95 is fitted with 10 ultra-bright OSRAM LEDs with reflector optics and 50,000-hour bulb life, which combine to produce a peak beam intensity of over 460,000 Candelas. It casts an eight-degree beam of light over an impressive distance of 0.7 nautical miles (4,501 feet). With 360° continuous rotation and a 135° tilt, the versatile RCL-95 also includes an auto-home feature when switched off.

**460,000  
CANDELA**

460,000 Peak Candela  
10 High Flux 50W LEDs



Wireless Handheld  
Remote & Wired Dash  
Mount Joystick  
(Both Included)



[www.ACRARTEX.com](http://www.ACRARTEX.com)



# RCL-95

## WIRELESS LED SEARCHLIGHTS

The all new RCL-95 LED searchlight was designed for performance and simplicity. With an industry best 460,000 candelas using 10 High Flux (50W) LEDs, you have visibility over  $\frac{3}{4}$  of a nautical mile to light the way to your destination.

The RCL-95 LED's sleek design makes it an attractive and cost-effective choice for small to medium sized recreational powerboats as well as light commercial vessels. Use either the wired dash mount joystick control or the wireless handheld remote to rotate the light 360 degrees continuously at either a fast or slow speed without the hassle of a hard stop. With an 8 degree beam angle, the light can tilt an impressive 135 degrees to make lighting draw bridges, buoys and docks a breeze. The auto-home feature will conveniently park the searchlight back at the desired starting location each time you turn the searchlight off. The RCL-95 is weather resistant with the electronics located in the IP68 water-resistant light head instead of the base for increased protection. The ASA housing and lens are sealed against the elements for years of trouble-free operation.



**460,000  
CANDELA**

460,000 Peak Candela  
10 High Flux 50W LEDs



360° Rotation  
135° Tilt



Easy Installation  
12-24V Power &  
Wired Dash Cable



Wireless Handheld  
Remote & Wired Dash  
Mount Joystick  
(Both Included)



Energy Efficient  
4 Amps (12V) to 2  
Amp (24V)



Auto-Home  
Return Feature

## SPECIFICATIONS

**Product Number:** 1958 (White) / 1959 (Black)

**Model Number:** RCL-95

### Weight

4.2 lbs (1.9 kg)

### Size

5.9 x 7.1 x 7.5" (15 x 18 x 19 cm)

### Color

White or Black

### Material

Acrylonitrile Styrene Acrylate (ASA)

### Operating Temperature

-22°F to +158°F (-30°C to +70°C)

### Peak Beam Candle Power

460,000 Candela

### Beam Max. Distance

4,501 Feet (1,372 Meters) / 0.7 NM

### Beam Pattern / Angle

Spot / 8°

### Elevation Angle

135°

### Rotation Speed / Elevation Speed

19° (Fast) 12° (Slow) Per Second /  
11° Per Second

### Rotation

360° Continuous

### Lamp

LED 50W (OSRAM x 10) / 50,000 Hour Life

### Power Requirements

12 to 24 V DC

### Power Draw

4 Amps (12V) to 2 Amps (24V)

### Operational

Wireless Handheld Remote (included) &  
Wired Dash Mount Joystick (included with  
16.4' (5m) cable)

### IP Rating

IP56 (Housing) / IP68 (LED Module)

### Patents

D752,267 / 9,249,960 / 9,890,923 /  
10,012,369

### Warranty

2 Years

### Accessories

Wireless Dash Mount Remote  
(PN 9635)  
5m Extension Cable for Wired Controller  
(PN 9638)  
Replacement GOLIGHT® Mounting Plate  
(PN 9639)

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THE SCIENCE **ACR** OF SURVIVAL



# RCL-100 LED

12 to 24V 220,000 CD Searchlight



LED Lights



220,000  
Candela

The LED version of our most popular RCL-1000 searchlight provides high intensity LED performance that pierces through night and low lighting conditions with a blazing 220,000 candela. The RCL-100 LED's traditionally sleek design makes it an attractive and cost effective choice for sport yachts, mega-yachts, sport fishers as well as light commercial vessels.





# ACR RCL-100 LED

## 12 to 24V 220,000 CD Searchlight with Optional Wireless Controllers

The RCL-100 LED continues to utilize the same rugged design as the original RCL-100, but incorporates a new efficient 9 LED array that produces over 220,000 candela of light. Other features include a remote control operation that allows users to rotate the light 360 degrees continuously at either a fast or slow speed without the hassle of a hard stop.

With a 7 degree beam angle, the light also provides elevation angles at 9 degrees up and 17 degrees down to make lighting draw bridges, buoys and docks a breeze.

Not all searchlights are created equal. The die cast aluminum case is triple-primed and painted with UV stabilizer to withstand years of exposure in the harsh marine environment. The light's internal elevation mechanisms are fully enclosed and provide precise pitch control of the beam while staying protected.

The LED lights are efficiently designed to provide over 40,000 operating hours. The light also includes our Exclusive XRCIZ™ feature that's pre-programmed and allows for the light to independently rotate

every 30 days from activation to ensure all bearing surfaces are free of corrosion and all electrical contacts functional.

The RCL-100 LED is weather resistant and operates with 12 to 24 V DC power.



**Wired Kit / PN 1951:** RCL-100 LED Searchlight with Master Controller and Wired Point Pad Controller



## SPECIFICATIONS

Size	8 x 9 x 8" (20.3 x 22.9 x 20.3 cm)
Weight	7 lbs (3.17 kg)
Material	Aluminum Alloy Die Casting
Color	White
Operation	Remote controlled wired Point Pad
Beam Angle	7°
Elevation Angle	9° up, 17° down
Rotation	360° continuous
Rotation Speed	Fast 31° per second, slow 20° per second
Elevation Speed	2.8° per second
Lamp	High intensity LED (40,000 hour life)
Footprint Diameter	4.75" (12.1 cm) Light
Power Requirements	12 to 24 V DC
Power Consumption	12V at 3.0 Amps 24V at 1.6 Amps
Peak Beam Candle Power	220,000



Rugged Construction



40,000 Operating Hours



10% Brighter than RCL-100D

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