

# 10 Searchlights

## INTRODUCTION



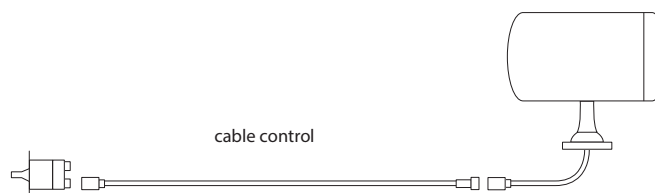
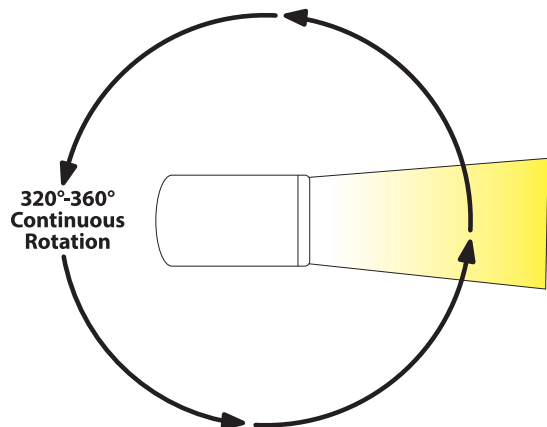
A marine searchlight has to be capable of performing a range of tasks from locating buoys to illuminating a narrow channel and, occasionally, searching for a man overboard. Therefore, it needs to be designed to offer the best combination of beam spread (width) and intensity (length) for both shorter and longer range work. Typically, our spot beams have a 7° beam spread as opposed to 40° on a flood beam and will consequently reach at least 3 times further.

We quote performance of our searchlight range in two ways: candlepower and lux. Candlepower is a useful guide to actual light produced, but does not measure the efficiency of reflector design to project that light at the target. The most relevant comparison guide is lux, which is the measurement of actual light available at a given distance. In order to be able to distinguish a reasonable level of detail, a level of one lux is generally considered to be necessary.

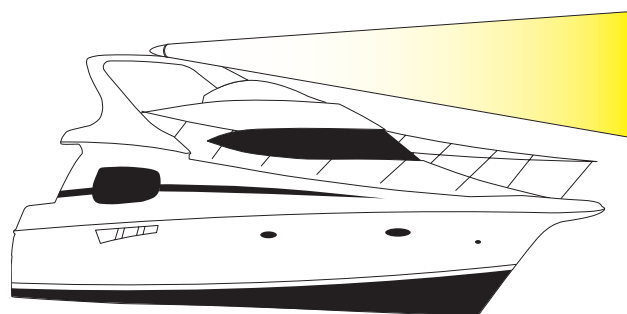


## Remote Control Lights

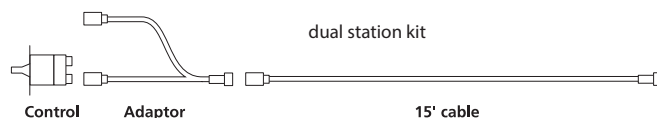
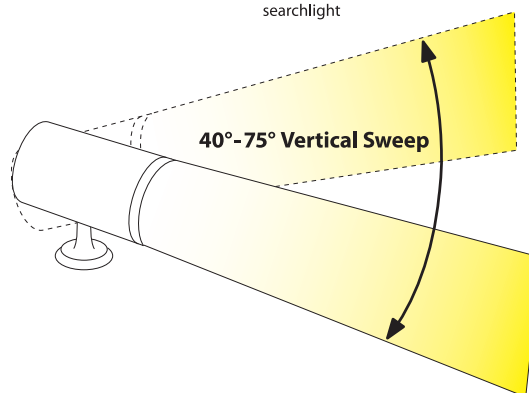
The advantage of the remote control is that it allows you to direct the light in the best location for maximum effectiveness. They are an increasingly popular addition on power boats, helping locate buoys, moorings and channel markers. Control is by joystick or touchpad. Secondary remote control kits can be bought for most models, which allow control from either the flybridge or main helm.



Control and 15' (4.5m) cable included with all Remote Control Lights. Extension Cables also available.



searchlight

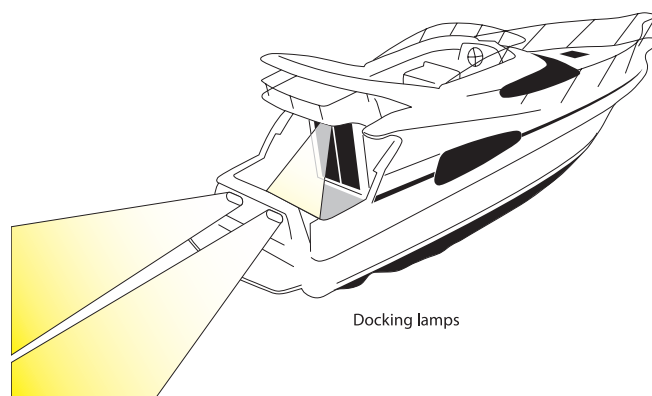


Dual Station Kits also available.

## Floodlights

Bracket mounted flood lights give good service in deck illumination, especially on small fishing boats and commercial craft.

Flush mount floodlights provide a clean installation ideally suited for leisure craft. Two beam shapes are available – trapezoidal for deck illumination, with sharp beam pattern edges, and flood for deck illumination and transom mounting, with diffused beam pattern edges. In each case, bulb adjustment allows the beam to be directed to the required area.



# 10 Searchlights

REMOTE CONTROL LIGHTS



## 7" (180mm) & 8" (200mm) RC Searchlights

Remote mounting searchlights electrically controlled from helm station for leisure, commercial and patrol crafts.

- 7" (180mm) and 8" (200mm) models have spot beam only.
- Single joystick controls both 70° vertical and 450° horizontal sweep.
- Variable speed control enables fast search and yet precise targeting.
- Optional secondary full control panel for dual helm stations.
- Internal brake system holds beam firmly on target.
- Heavily chromed all brass beam housing and base unit.
- 8' (2.5m) wiring cable, with optional extension cables.



### 7" (180mm)

<b>SIZE</b>	11" long x 7" wide x 13" high (28cm x 18cm x 33cm)
<b>WEIGHT</b>	9lb (4.1kg)
<b>LUX</b>	1 lux at 1380' (418m)

MODEL	DESCRIPTION
62040-4002	12V DC, fuse 20 amp, 18 lux at 330' (100m)
62040-4006	24V DC, fuse 10 amp, 18 lux at 330' (100m)
67296-0000	Replacement Sealed Beam, spot, 12V DC, 230,000 cp
18753-0447	Replacement Sealed Beam, flood only, 24V DC, 230,000 cp

### 8" (200mm)

<b>SIZE</b>	11" long x 8-1/4" wide x 14-1/4" high (28cm x 21cm x 36cm)
<b>WEIGHT</b>	11lb (5kg)
<b>LUX</b>	1 lux at 2375' (719m)

MODEL	DESCRIPTION
62042-4006	24V DC, fuse 10 amp, 52 lux at 330' (100m)
98040-0520	Replacement Sealed Beam, 24V DC, 500,000 cp
43670-1000	Replacement Controller for 5" and 7", 12V DC
60070-0000	Replacement Controller for 7" and 8", 24V DC

## 155 SL RC Searchlight

Our leading light for style, performance and value. Sweeping curves complement the latest pleasure craft profiles. Fingertip control of the watertight halogen sealed beam will pick out hazards nearly 900' (274m) away.



- Easily replaceable 5" (130mm) halogen sealed beam delivers 100,000 candlepower.
- Full 360° horizontal rotation, 75° vertical sweep.
- Complete with joystick remote control (12 volt DC model) or optional electronic touch-pad remote control, including joystick (12/24 volt DC).
- Electronic control includes automatic 20° sweep feature, two speed movement – fast for searching, slow for pinpointing target, plus automatic transmission of S.O.S. distress signal through 360° in emergency (12/24 volt DC model only).
- Complete with 15' (4.5m) cable, with optional extension cables.
- Tough, thermoplastic housing and base.
- Optional secondary remote control panel for dual helm stations – instant command from each panel without need to select station (12/24 volt DC model only).

<b>SIZE</b>	8" long x 6-3/8" wide x 8" high (20cm x 16cm x 20cm)
<b>WEIGHT</b>	5lb (2.3kg)
<b>LUX</b>	1 lux at 885' (268m)

MODEL	DESCRIPTION
61050-0012	12V DC, fuse 10 amp
61050-1224	12/24V DC, fuse 10 amp, electronic control
18753-0528	Replacement Sealed Beam, 12/24V DC, 100,000 cp
43690-1000	Replacement Controller for 61050-1224
60030-0000	Replacement Controller for 61050-0012

## 135 SL RC Searchlight

A remote control searchlight, developed with the 20' to 50' (7 to 15m) powerboat in mind, with many benefits of existing units at a greatly reduced cost.

- Easily replaceable halogen sealed beam delivers 100,000 candlepower.
- Supplied complete with joystick remote control.
- Optional secondary full control panel for dual helm stations.
- 320° horizontal rotation, 75° vertical sweep.
- All materials are non-corrosive.
- Complete with 15' (4.5m) cable, with optional extension cables.



<b>SIZE</b>	8-1/8" long x 7" wide x 7-7/8" high (18.5cm x 18cm x 21cm)
<b>WEIGHT</b>	6lb (2.7kg)
<b>LUX</b>	1 lux at 865' (262m)

MODEL	DESCRIPTION
60020-0000	12V DC, fuse 10 amp
60020-0024	24V DC, fuse 5 amp
18753-0178	Replacement Sealed Beam, 12/24V DC, 100,000 cp
60030-0000	Replacement Controller, 12/24V DC

## 146 SL RC Searchlight

A high-performance searchlight for medium sized yachts, remotely controlled from helm station.

- Easily replaceable halogen sealed beam delivers 175,000 candlepower.
- Supplied complete with water resistant joystick remote control.
- Tough, corrosion resistant Lexan housing.
- Full, 360° horizontal rotation, 60° vertical sweep.
- Optional secondary full control panel for dual helm stations.
- Complete with 15ft (4.5m) cable, with optional extension cables.



<b>SIZE</b>	10-1/8" long x 8-1/2" wide x 8-15/16" high (26cm x 22cm x 26cm)
<b>WEIGHT</b>	9lb (4kg)
<b>LUX</b>	1 lux at 1275' (386m)

MODEL	DESCRIPTION
60080-0012	12V DC, fuse 10 amp
60080-0024	24V DC, fuse 5 amp
18753-0455	Replacement Sealed Beam, 12/24V DC, 175,000 cp
43670-0003	Replacement Controller, 12/24V DC

## 255 SL RC Searchlight

A stylish, dual bulb searchlight for medium to larger yachts, remotely controlled from helm station.

- Easily replaceable halogen sealed beams deliver 200,000 candlepower.
- High-tech design and styling for power boats.
- Supplied complete with water resistant joystick remote control.
- Full 360° horizontal rotation, 60° vertical sweep.
- Optional secondary full control panel for dual helm stations.
- Tough, weatherproof and corrosion-resistant design.
- Complete with 25' (7.5m) cable, with optional extension cables.



<b>SIZE</b>	10-15/16" long x 10-1/2" wide x 8-13/16" high (28cm x 27cm x 23cm)
<b>WEIGHT</b>	21lb (9.6kg)
<b>LUX</b>	1 lux at 1040' (315m)

MODEL	DESCRIPTION
60010-2012	12V DC, fuse 10 amp
60010-2024	24V DC, fuse 5 amp
18753-0336	Replacement Sealed Beams, 12/24V DC, 100,000 cp each
43670-0003	Replacement Controller, 12V DC
60070-0000	Replacement Controller, 24V DC

# 10 Searchlights

REMOTE CONTROL KITS & HARNESES



## Secondary Remote Control Kit (Electronic)



Secondary Remote Control Kits allow searchlights to be operated from both upper and lower helm stations. Kit includes secondary control panel, Y-adapter and 15' (4.5m) cable. Secondary Harness must be selected from Extension Harness options.

- Can be operated from any control panel without need for selector station.

MODEL	DESCRIPTION
64044-0000	12/24V DC, 6" (150mm) RC, 155 SL with electronic control

## Extension Harness (Electronic Controls)



Extension Harnesses enable remote controls to be fitted further from the light than standard cables allow, and are needed to install Secondary Remote Control Kits.

- For 155 SL (12/24 volt DC) and all 6" (150mm) RC models.
- For 233 SL (12/24 volt DC).

MODEL	DESCRIPTION
64042-1011	10' (3m) Harness
64042-1007	15' (4.5m) Harness
64042-1008	25' (7.6m) Harness
64042-1009	50' (15.2m) Harness

## Secondary Remote Control Kits



Secondary Remote Control Kits allow searchlights to be operated from both upper and lower helm stations. Kit includes secondary control panel, station selector panel V-splices and butt connectors. Secondary Harness must be selected from Extension Harness options.

MODEL	DESCRIPTION
43670-0007	Dual Station Control Kit, 12/24V DC, 155 SL (12V)
43670-0004	Dual Station Control Kit, 12V DC, 7" (180mm) RC (12V), 146 SL (12V), 255 SL (12V)
18753-0335	Dual Station Control Kit, 24V DC, 7" (180mm) RC (24V), 8" (200mm) RC (24V), 146 SL (24V), 255 SL (24V)
43990-0023	Fuse Cap

## Extension Harness



Extension Harnesses enable remote controls to be fitted further from the light than standard cables allow, and are needed to install Secondary Remote Control Kits.

- For 135 SL, 146 SL, 155 SL (12 volt DC), 255 SL, 5" (130) and 7" (180) RC models.

MODEL	DESCRIPTION
43990-0013	10' (3m) Harness
43990-0014	15' (4.5m) Harness
43990-0015	25' (7.6m) Harness
43990-0016	50' (15.2m) Harness

# 10 Searchlights

FLOODLIGHTS



## Xenon Floodlights



Bracket mounted xenon floodlights that deliver four times the light output of halogen floodlights and last up to five times longer. Typically used for deck lighting, emergency lighting, launching and docking, and commercial fishing boat applications.

- Compact size.
- 5000 hour life.
- Four times brighter than halogen.
- Completely sealed from moisture and dirt.
- Direct replacement for most add-on incandescent and halogen lamps.
- Isolation mounted to withstand vibration.

<b>SIZE</b>	6" long x 5" wide x 7" high (15cm x 13cm x 17cm)
<b>WEIGHT</b>	3.5lb (1.6kg)

MODEL	DESCRIPTION
63142-0012	12V DC, HID (xenon)
63142-0024	24V DC, HID (xenon)

## Deck Floodlights – Ultra Bright Model



A range of compact, purpose-designed floodlights for deck, cockpit or boarding point on leisure, commercial, fishing and safety craft available in two sizes.

- Special trapezoidal beam pattern, designed to be mounted above one end of horizontal area to be illuminated, spreads light evenly over the surface.
- Sharp cut-off enables accurate selection of area to be illuminated, minimizing stray light.
- Blue Bulb technology improves visibility in low light conditions.
- Sealed beam tungsten halogen bulb with 450 hour average life.
- Choice of white or black tough polypropylene housing.
- Stainless steel universal mounting bracket.

### 4" x 6"

<b>SIZE</b>	4" long x 6" wide (10cm x 15cm)
<b>WEIGHT</b>	1.4lb (0.7kg)

MODEL	DESCRIPTION
45900-4000	12V DC, ultra bright, white, fuse 6 amp. Not available in Europe.
45900-5000	12V DC, ultra bright, black, fuse 6 amp. Not available in Europe.
45900-0000	12V DC, white, fuse 6 amp
45900-2000	12V DC, black, fuse 6 amp. Not available in Europe.
45900-0001	24V DC, white, fuse 3 amp
45903-4000	Replacement Sealed Beam, 12V DC, 65 watt. Not available in Europe.
45903-0000	Replacement Sealed Beam, 12V DC, 30 watt
45903-0001	Replacement Sealed Beam, 24V DC, 60 watt

### 3" x 5"

<b>SIZE</b>	3" long x 5" wide (8cm x 13cm)
<b>WEIGHT</b>	1lb (0.5kg)

MODEL	DESCRIPTION
45900-1000	12V DC, white, fuse 6 amp
45900-35000	12V DC, black, fuse 6 amp. Not available in Europe.
45903-0002	Replacement Sealed Beam, 12V DC

## Flush Mount Floodlights



The new Jabsco Flush Mount Floodlight features a small footprint with a dual gasket design to ensure weatherproof installations.

- Sealed beam flood provides a very even beam pattern with no hot spots.
- Clean edge cut-offs prevent stray lighting.
- Sealed beam 50 watt tungsten halogen bulb with 450 hour average life.
- Small footprint design.
- Tough, white UV-stable housing will not "yellow."
- Weatherproof mounting gasket and cable seal for leak-free installation.
- Shock and vibration resistant construction.

<b>SIZE</b>	6-7/8" wide x 4-1/4" high x 2-3/4" deep (23.2cm x 10.8cm x 7cm)
<b>WEIGHT</b>	1lb (0.5kg)

MODEL	DESCRIPTION
45930-2012	Floodlight with Flood Beam, 12V DC, fuse 5 amp
18753-0351	Replacement Flood Sealed Beam, 12V DC



Flush Mount Floodlights unobtrusively light up deck, cockpit or boarding point.

- Available with two bulb types – flood (for glare-free, below-deck mounting) or trapezoidal (for deck illumination).
- Easily adjustable light angle, up to 7° horizontally and 12° vertically.
- Sealed beam 50 watt tungsten halogen bulb with 450 hour average life.
- Tough, polypropylene housing.

<b>SIZE</b>	8-7/8" wide x 6-9/16" high x 3-3/16" deep (22.5cm x 17cm x 8cm)
<b>WEIGHT</b>	3.3lb (1.5kg)

MODEL	DESCRIPTION
45960-0000	Floodlight with Trapezoidal Beam, 12V DC, fuse 5 amp
45960-0001	Floodlight with Flood Beam, 12V DC, fuse 5 amp
18753-0352	Replacement Trapezoidal Sealed Beam, 12V DC
18753-0351	Replacement Flood Sealed Beam, 12V DC