

# 12 INCH SIGNALING SEARCHLIGHT

Incandescent Type

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Model Shown:  
12 Inch Incandescent  
Signaling Searchlight  
Stanchion Mounting,  
Model No. 95033C  
U. S. Coast Guard Listed



LCS 2 USS Independence

**CONSTRUCTION:** Ruggedly constructed of corrosion resistant materials giving maximum protection against corrosion under severest conditions.

**MOUNTING:** Stanchion socket allow searchlight to be mounted on a vertical rod between 3 and 3-3/4 inches in diameter. By omitting the clamp bar, the searchlight can be bolted against any vertical flat surface. One stanchion socket is supplied with each searchlight. Additional mountings may be requested.

**SHUTTER:** Simple, efficient, Venetian type, capable of producing daylight communication at speeds up to nine words (180 dots and/or dashes) per minute. Two operating handles are provided, each of which can be adjusted through 360 degrees to suit the preference of the individual operator. Shutter can be locked open if it is desired to utilize the beam for regular searchlight use.

**COVER GLASS:** Consists of heat tempered glass, 1/4 inch thick and 12 -1/2 inches in diameter.

**REFLECTOR:** High grade parabolic silvered glass reflector 12-1/2 inches in diameter. Alzak aluminum reflector can be supplied if specified.

**FILTERS:** Colored Filters are available for use with the Reduction Hood assembly only. These glass filters are: Amber, Clear, Green and Red in color.

**AIMING SIGHTS:** Front and Rear Sights are provided on the drum exterior to allow for proper targeting.

**BINOCULAR MOUNT:** One bracket is mounted on the top of the drum for easy installation of Binoculars. Not available on all models. (Binoculars not furnished)

**IR VIEWER MOUNT:** Two Mounting brackets for infrared viewer are available for an IR viewer to be mounted on the exterior of the drum. Not available on all models. (IR Viewer not furnished)

**TRAINING HANDLES:** A handle for training the searchlight on the target is located on the read cover of the searchlight. A vertical motion clamp is located on the side of the searchlight and a horizontal motion clamp is located on the bottom of the stanchion mount.

**LAMP HOLDER:** We have two options in lamp holders. Until recently the 1000 watt, 120 volt T-20 Mogul Bi-Post lamp was generally used. The Carlisle & Finch Co. has designed a vibration dampening Medium Pre-focus Lamp holder base type to help improve performance and reliability. The Medium Pre-Focus and Mogul Bi-post lamp holders are accurately focused at the factory and require no further adjustment when the lamp is installed or replaced. This allows for quick lamp replacement. Please note which models utilize this Medium Pre-focus lamp holder option.

**LAMPS:** Not supplied unless ordered. Specify BTR for the Medium Pre-focus lamp holder and specify 1M/T20BP-120V lamp for the Mogul Bi-Post. 220 volt applications would specify FKD lamp and use the Medium Pre-focus type lamp holder design with the vibration dampening base.

**REDUCTION HOOD:** Various models specify a reduction hood assembly which allows user to operate the searchlight as a 6" signaling searchlight. This reduction hood can be used with or without the glass colored filters.

**NON-VENTED DRUM:** The non-vented drum helps keep the salt environment from destroying the reflector and the lamp. A 1000 watt lamp is the maximum wattage permitted due to the non-vented drum.

**FINISH:** Drum interior is finished with heat resisting flat black paint. Exterior surfaces are a rugged gray powder coat.

**WIRING:** Heavy duty weatherproof three conductor portable cable extending 10 feet. One conductor grounded to housing. Plug is not supplied.

**FASTENERS:** Some models use CRES alloy 316 Stainless fasteners.

**WEIGHT:** New wt. 65 lbs., Shipping wt. approximately 90lbs.

**SPECIAL APPLICATIONS:** Searchlight can be furnished mounted on a pedestal and also supplied with controls for controlling the beam direction from within the pilot house. More information may be supplied upon request. This application is not a recommended application.

**MODEL NUMBERS:** See page 2 for proper model numbers and specifics regarding National Stock Numbers and configurations.

## 12" Signaling Searchlight Selection Table

C & F Model	Description	US Navy Symbol or National Stock	Notes:
95033C	Stanchion Mounted	6230-01-269-1831	No Hood, No Filters, No Lamp
95033C-1	Stanchion Mounted		Same as 95033C but with Shielded Cables
95033C-2	Stanchion Mounted		Same as 95033C but with Canadian Shutter Handles
95033CD	Stanchion Mounted		Same as 95033C but with Medium Pre-focus Lamp holder
95033D	Stanchion Mounted, Type I, Incandescent, Non Magnetic	6230-00-919-2386	Same as 95033E but with Stainless components instead of Steel. Includes Hood with 4 filters (amber, clear, green & red) and 1000 Watt incandescent Mogul Bi-Post Lamp
95033DA	Stanchion Mounted, Type I, Incandescent, Non Magnetic	6230-01-540-2366	Same as 95033D but with CRES 316 Stainless Fasteners
95033DA-1	Stanchion Mounted, Type I, Incandescent, Non Magnetic	6230-01-517-6982	Same as 95033D but with CRES 316 Stainless Fasteners, shielded cable, grounding adapter, w/o Hood & Filters
95033DCC	Stanchion Mounted, Type I, Incandescent, Non Magnetic		Same as 95033D but hood is FE1491XCC with special mounting.
95033DD	Stanchion Mounted, Type I, Incandescent, Non Magnetic		Same as 95033D but with Medium Pre-focus Lamp holder
95033E	Stanchion Mounted, Type I, Incandescent, Magnetic	SYM299.1 6240-00-412-9375	Same as 95033D but with Steel components instead of Stainless. Includes Hood with 4 filters (amber, clear, green & red) and 1000 Watt incandescent Mogul Bi-Post Lamp
95033EA	Stanchion Mounted, Type I, Incandescent, Magnetic	SYM299.1 6230-01-098-9292	
12SL1191X	Pedestal Base, Lever Control	5850-01-333-4297	Less Lamp, Less Hood with Filters
	Pedestal Base, Lever Control	SYM 296 6230-00-591-2361	Less Lamp, Less Hood with Filters
12SL3323X	Pedestal Base, Local Control		Less Lamp, Less Hood with Filters
12SS7565X	Stanchion Mounted, Type I, Incandescent, Non Magnetic less Stanchion Mount	6230-01-118-6816	Same as 95033D but less hood, stanchion mount or lamp.
12SS7565X-K4153X	Stanchion Mounted, Type I, Incandescent, Non Magnetic	6230-01-118-6816	Same as 95033D but less hood and lamp.

### General Dimensions for Model 95033 Series Signaling Searchlights

