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**BC-1-SML**

**Bar Clamp for Permanent or Magnetic mounting of Lights and other Devices - 3/8" - 1.25"**

**Product ID: 1800**

**Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).**



**Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.**

## Made in the USA

**The BC-1-SML from Larson Electronics is a Heavy Duty Aluminum Bar Clamping System that enables owners of vehicles, heavy equipment, and boats to mount lights or other equipment to square or round tubes, bars, or rails. The adjustable clamping system cinches to size around rails of different diameters and can handle payloads to 40 pounds under extreme vibration.**

Click Here for a Step-by-Step Process on the Installation of the BC-1 Mount

The bar clamp mount is made from aluminum and is available in 2 finishes, including clear anodize and black powder coated. The bar clamp mount adjusts to fit bars, rails, racks, etc. with square or tubular dimensions ranging from 3/8 inch to 1.25 inches in diameter. There are 2 sets of interlocking brackets which are cinched around the square or round tube, using the embedded 1/4-20 stainless steel, socket head bolts.

**NOTE ON MOUNTING HOLES:** The top mounting plate ships with pre-drilled holes that are designed for accepting the bolt patterns for Radioray and Stryker remote control spotlights. These spotlights went under a design revision in 2020. Older Radioray mounting holes are NOT the same as newer Radioray mounting holes. Older Stryker mounting holes are NOT the same as newer Stryker mounting holes. Please choose correct mounting option at time of ordering to ensure fitment with your spotlight.

- Old Radioray. This is compatible with Pre-2020 Radioray series 2XXX, 5XXX,

7XXX, and 9XXX series spotlights.
- New Radioray GT. This is compatible with Post-2020 Radioray GT series 2XXXGT, 7XXXGT, and 9XXXGT series spotlights. The mounting holes of the GT Series of Radioray spotlights (Post-2020) are NOT compatible with previous generation (Pre-2020) models.
- Old Stryker. This is compatible with Pre-2020 Stryker series 3XXX series spotlights.
- New Stryker ST. This is compatible with Post-2020 Stryker ST series 3XXXST series spotlights. The mounting holes of the ST Series of Stryker spotlights (Post-2020) are NOT compatible with previous generation (Pre-2020) models.

Click Photo to Enlarge Click Photo to Enlarge Click Photo to Enlarge

A mounting plate attaches to the clamps, creating a mounting surface for just about anything. Existing mounting holes include the mounting pattern for the Golight Stryker spotlights, Golight Radioray spotlights, all High Intensity Discharge (HID) equipment lights, HID boat lights and LED spotlight bars and LED spreader floodlight bars

A 3.8 inch hole in the center accommodates post mount lights (like the Acro HID off road lights, 24 volt equipment lights, 12 volt flood lights, HID lights and equipment lights and the Larson Electronics permanent mount lights). The platform also accommodates the 5-inch diameter, 375 pound grip magnets popular with our 12/24 volt DC spotlights, including the HML-6M, HML-5M, HML-7M, HML-8M, etc. with the addition of the magnetic mounting plate (or magnetic stainless steel mounting plate).

A one inch hole enables access for wire harnesses and power cords.

The design of the bar clamp enables the operator to position horizontally or vertically. 2 sets of mounting holes offer the operator the ability to mount the aluminum bracket system on the top or the side of the brackets. Thus this bracket system can be mounted on horizontal rails, bars or tubes. This was in response to customer's demand for mounting solutions for vertical rails on pumping trucks, etc.

BC-1 Bar Clamp Mount on horizontal bar with remote control spotlight attached. This clamping system is effective on heavy equipment, boats, ATVs, trucks, toy haulers, etc.

BC-1 Bar Clamp Mount - Electroless Nickel Coating - HID-1870-F HID Flood Light Mounted.

BC-1 Bar Clamp Mount with Black Finish.

This rail mount solution is effective for magnetic mount lights as well. We have a magnetic stainless steel plate (yes, some stainless steel has magnetic properties) that can be attached to the existing mounting patterns on this light. MMP-2 is the part number for this magnetic mounting plate. With this plate in place, you can remove a magnetic remote control spotlight when not in use, but it will stay firmly affixed during use.

BC-1 Bar Clamp - Electroless Nickel Finish - with MMP-2 Magnetic Stainless Steel Plate - Ideal for all magnetic mount remote control spotlights, Larson Electronics (HML-1, HML-2, HML-3, HML-4, HML-5, HML-6, HML-8) and all magnetic mount HID lights (6600-F-M,5700-F-M,4400-F-M).

BC-1 bar clamp mount - powder coat white finish - sporting attached removable shoe base for remote control spotlights. Compatible with the Golight 7901, Golight 7951, Golight 7900, Golight 7950, Golight 5167 and Golight 5149 remote control lights. Available in black anodized finish with black shoe for black Golight models.

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# Frequently Asked Questions (FAQ)

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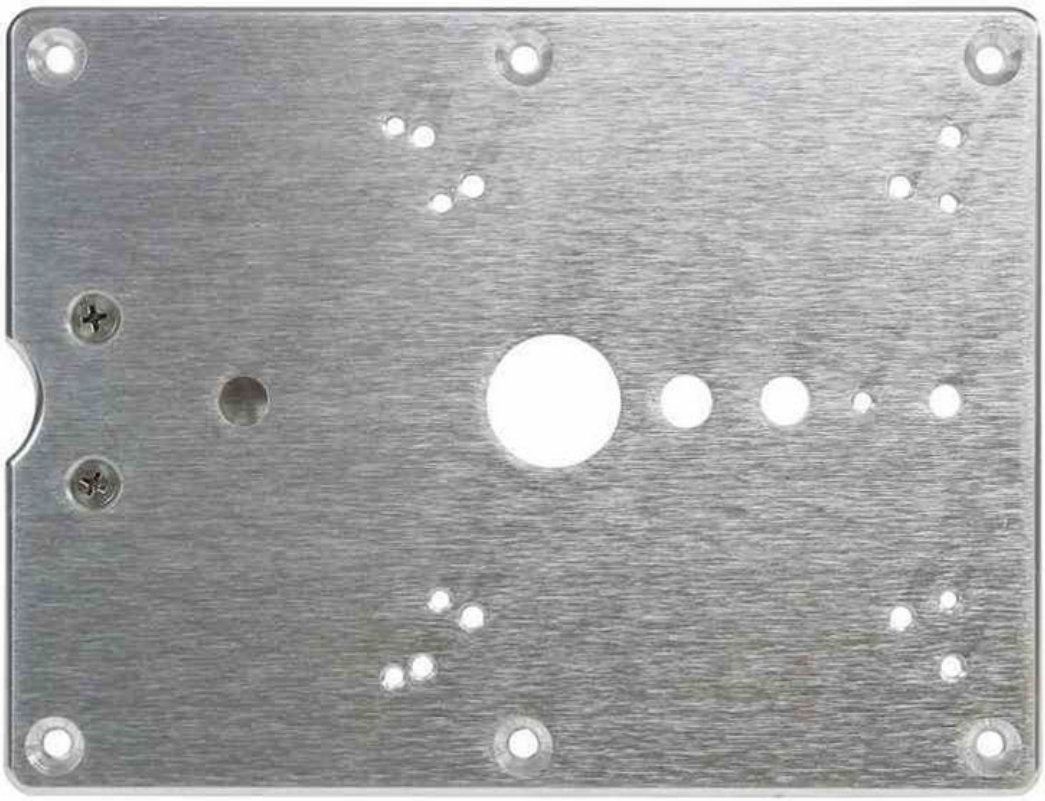

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**BC-1-SML**

**Product ID: 1800**

**Export Control Classification Number (ECCN):** EAR99

**Options:**

**BC-1-SML-Color-Light Mount**

**Example: BC-1-SML-BLK-RR**

| Color | |
|---|---|
| BLACK | -BLK |
| ALUMINUM | -ALU |
| WHITE | -WHT |

| Light Mount | |
|---|---|
| OLD RADIORAY | -RR |
| NEW RADIORAYGT | -RRGT |
| OLD STRYKER | -SR |
| NEW STRYKERST | -SRST |

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **DXF (2D CAD Model)**
- **Operations Manual**
- **SpecSheetRussian**
- **SpecSheetSpanish**
- **STEP File (3D CAD Model)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **HigResPic10**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**