SL-11 SERIES 12 volt

**SPECIFICATIONS:**
- **Housing:** Cast brass
- **Aiming Bracket:** Cast brass w/ black composite thumb knobs
- **Lens:** High impact clear acrylic
- **Lamp Supplied:** 25-watt PAR36 VWFL (GE-14556)
- **Lamp Options:** See Back Panel (50w. max)
- **Lamp Base:** Screw terminal #10 stud
- **Lamp Life:** 2000 hours average rating
- **Wiring:** 15 feet 18/2 SJTOW cord
- **Connector:** Brass, nickel plated liquid tight straight bushing from side of fixture
- **Mounting:** Flush on bottom surface on both standard and -AB units. For securing to wall or floor use appropriate stainless steel screws and holes (provided)
- **Finish Options:** For black acid treatment add (-BAT) to catalog number
- **ACCESSORIES:**
  - **Color Acrylic Lens:** Blue, Red, Green, Amber, White
  - **Aiming Bracket:** FA-105
  - **Additional Cord:** Sold per foot in 5 ft lengths, (not to exceed 50 feet)
    Add total number of feet to catalog number

**SL-11 DESIGNED FOR USE UNDERWATER ONLY. FAILURE TO KEEP SUBMERGED OR OPERATING ABOVE WATER WILL VOID WARRANTY**

**ORDERING INFORMATION:**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
<td>SL-11</td>
<td>25 watt PAR-36 VWFL cast brass underwater light with 15’ cord</td>
</tr>
<tr>
<td>SL-11-AB</td>
<td>25 watt PAR-36 VWFL cast brass underwater light with 15’ cord and aiming bracket</td>
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</table>
SL-33 SERIES 12 volt

SL-33-AB-LED

SPECIFICATIONS:
- Housing: Cast brass
- Aiming Bracket: Cast brass w/ black composite thumb knobs
- Lens: High impact clear tempered flat glass
  (High impact clear tempered convex glass available)
- Lamp Supplied: 20w MR-16 ULTRA FL (BAB) 10,000 hours average rating
  THE 10K ULTRA IS NOW STANDARD
- Lamp Options: See Back Panel (50w. max)
- Lamp Base: GU5.3 Bi Pin ceramic with 250c lead wires
- Lamp Life: MR-16 ULTRA 10,000 hours average rating
  MR-16 TITAN 18,000 hours average rating
- Wiring: ARROW MR-16 LED 50,000 hours average rating
- Connector: 15 feet 18/2 SJTW cord
- Mounting: Brass, nickel plated liquid tight straight bushing from bottom of fixture. Side mount wire (-SM) available
  Flush on bottom surface on both standard and -AB units. For securing to wall or floor use appropriate stainless steel screws and holes (provided)
  For black acid treatment add (-BAT) to catalog number
  For brass add rust add (-BAR) to catalog number

FINISH OPTIONS:

ACCESSORIES:
- Color Acrylic Lens: Blue, Red, Green, Amber, White
  (FA-11-SL33, specify color)
- Angle Collar: FA-155-Cast-BRS
- Aiming Bracket: FA-154 (includes black thumb screws)
- Additional Cord: Sold per foot in 5 ft lengths, (not to exceed 50 feet)
  Add total number of feet to catalog number

ORDERING INFORMATION:
- SL-33-ULT 20w MR16 ULTRA FL (BAB) 10,000 hour Cast Brass Underwater Light w/15' cord
- SL-33-SM-ULT SL-33-ULT w/ side mount
- SL-33-AB-ULT SL-33-ULT w/ aiming bracket
- SL-33-AC-ULT SL-33-ULT w/ angle collar & angle collar
- SL-33-AB-AC-ULT SL-33-ULT w/ aiming bracket & angle collar & side mount
- SL-33-AC-SM-ULT SL-33-ULT w/ angle collar & side mount

NEW

SL-33-AB-AC-ULT
SL-33-AB-LEDSEX-BAR
SL-33-AC-ULT-BAT SL-33-AC-SM-ULT
SL-33-ULT
SL-33-SM-ULT

3.3" 5.5" 4.5"
SL-40 AB-AC-ULT

**Specifications:**
- **Housing:** Cast brass
- **Aiming Bracket:** Cast brass w/ black composite thumb knobs
- **Lens:** High impact clear tempered flat glass
- **Lamp Supplied:** 20w MR-11 ULTRA FL (FTD) 10,000 hours average rating

**The 10K Ultra is now standard**

**Lamp Options:**
- See Back Panel (35w max)

**Lamp Base:** GU5.3 Bi Pin ceramic with 250c lead wires

**Lamp Life:** 10,000 hours average rating

**Wiring:** 15 feet 18/2 SJTOW cord

**Connector:** Brass, nickel plated liquid tight straight bushing from back of fixture

**Mounting:** Flush on bottom surface on both standard and AB units. For securing to wall or floor use appropriate stainless steel screws and holes (provided)

**Finish Options:**
- For black acid treatment add (-BAT) to catalog number
- For brass acid rust add (-BAR) to catalog number

**Accessories:**
- Color Acrylic Lens: Blue, Red, Green, Amber, White
  (FA-11-40, specify color)
- Angle Collar: FA-157 (Cast brass)
- Aiming Bracket: FA-158 (includes black thumb screws)
- Additional Cord: Sold per foot in 5 ft lengths, (not to exceed 50 feet)
  Add total number of feet to catalog number

**Ordering Information:**
- **SL-40-ULT**
  - 20w MR11 ULTRA FL (FTD) 10,000 hour Cast Brass Underwater Light w/ 15’ cord
- **SL-40-SM-ULT**
  - SL-40-ULT w/ side mount
- **SL-40-AB-ULT**
  - SL-40-ULT w/ aiming bracket
- **SL-40-AC-ULT**
  - SL-40-ULT w/ angle collar
- **SL-40-AB-AC-ULT**
  - SL-40-ULT w/ aiming bracket & angle collar
- **SL-40-AC-SM-ULT**
  - SL-40-ULT w/ angle collar & side mount
THE OCTOPUS

"The OCTOPUS" underwater J-Box is designed for connection of up to eight 12x 1/2 wires for underwater fixtures. Cement tap sizes available are P6/9, PG11, 1/2"NPS & 3/4"NPS. For 1/2" or 3/4" service conduit contact FOCUS. For additional P6/9 hole with plug. Specify at time of order.

NOTE: Brass liquid tight fittings recommended. Fitting size must match cable size to ensure water proof connection.

Also available in Black Acid Treatment (shown) add-BAT, or Brass Acid Rust add-BAR.

APPLICATION:
- Dry niche - Spill way or fountain
- Underwater - Spill way or fountain
- Surface area illumination (SL-33 & SL-40 only)
- To highlight objects out of water (SL-33 & SL-40 only)

SPECIFICATIONS
- Construction: Cast brass, 20 cubic inches volume
- Gasket: Black 50 durometer silicone
- Screws: 6) 10-24 x 5/8" phillip flat marine grade 18-8 stainless steel
- Conduit Entries to fixture ports: Bottom and side entries available. Specify size and location
- Fittings: Brass nickel plated PG Liquid Tight
- Fixture Fittings: For Focus fixtures 12v, source brass nickel plated PG11 Liquid Tight for 12/2 cable
- Internal Connector: Quick connection lug for eight 12/2 wires plus feed wire to 12v, source. Teal thermal plastic housing with two stainless steel barrel lugs plus 3m dielectric sealing tape to pack connections for waterproofing

CATALOG NO. | DESCRIPTION | EST. WT.
---|---|---
FA-H20-JB-1H | Underwater J-Box | 4.00 lbs.
FA-H20-JB-25 | Underwater J-Box (w/25ft 12/2 cable) | 5.50 lbs.
FA-H20-JB-50 | Underwater J-Box (w/50ft 12/2 cable) | 7.00 lbs.
FA-H20-JB-75 | Underwater J-Box (w/75ft 12/2 cable) | 8.50 lbs.
FA-H20-JB-100 | Underwater J-Box (w/100ft 12/2 cable) | 10.00 lbs.

Supplied standard without holes of fittings. To receive a tapped hole and liquid tight fitting specify at time of order. Specify number of fixture ports PLUS 1 lead for 12/2 lead wire eg, 4H-3 Female ports plus 1 Lead Wire port. Designed for up to eight female add (+1H-3) to above catalog number.

All FOCUS end use fixture. If you are using another manufacturer fixture you must specify the desired size and location of holes at time of order. Focus does not carry all types & sizes of liquid tight fittings.

Warranty Disclaimer: Alterations of product are not recommended by FOCUS and voids warranty.
There are 3 main conditions that will modify or change your beam spread as well as light intensity: Depth, Clarity, and Movement.

Depth: The deeper the water, the more the light will spread. Not recommended for applications closer than 4 feet, the impact of light will be greatly reduced.

Clarity: Clean or clear water will produce maximum quantity of light. Dirty water will reduce the light dramatically. The clearer the water, the more wattage or tighter beam spread will be needed to see the impact of the light source or effect.

Movement: Movement will distort or increase the beam spread. The top of the water acts as a lens. Clear flow, or no movement, will have the beam remain more true to accuracy. The more movement, the larger increase in spread, not to mention constant light movement.