

# MK3

## AR111 SORAA LED

MANUFACTURED IN THE UNITED STATES - IBEW



PRODUCT LISTED  
BY A NATIONALLY  
RECOGNIZED  
TESTING  
LABORATORY



This 12.5 Watt Soraa AR111 lamp produces a tight, 9° narrow beam with a crisp edge, making it ideal for hospitality, restaurant, retail, and artwork lighting. It is available with a 95 CRI and delivers light output comparable to a 75 W 12 V AR111 lamp.

By utilizing Soraa's Snap System, there are unlimited possibilities for customizing this fixture. Options include the ability to field change the beam angle (Beam Spreader Snap), alter color temperature (CTO Snap), or to add a louver. Color Snaps can be used to produce brilliant hues of any color that Rosco or Lee offer.

The Enhance Lens Snap can increase the vividness of warm colors (including red, orange and pink and greens). Aim Snaps can bend the beam to a maximum deflection angle of 20°. Linear Snap Lenses can alter the beam to act as a wall wash.

Additional fixture features include an internal self-locking yoke, adjustable head and hinged front for easy re-lamping. Internal accessory holder accepts louvers, barndoors, hoods and a variety of filters. Available in standard black, white and silver finishes. Custom colors are available by request and at an additional charge.

### FEATURES

- 120, 220 and 277-volt available
- Integral 12-volt dimmable driver
- Use with electronic low voltage (ELV) Dimmer only (AKA Trailing Edge and Reverse Phase)
- Available in 2700K and 3000K.
- Beam angles of 9d, 25d, 36d, and 60d
- Rated life of 35,000 hours
- Numerous mounting options and accessories
- Dimmable
- Weight: 2 lbs

| LAMP TYPE | WATTS | CRI        | LUMENS * |
|-----------|-------|------------|----------|
| Vivid     | 12.5  | 95 (R9=95) | 1000     |

\* Lumens vary depending on color temperature - results for 3000K lamp used above.

### FINISH

|    |              |
|----|--------------|
| B  | Black        |
| W  | White        |
| S  | Silver       |
| CC | Custom Color |

### CONNECTOR TYPE / PLUG TYPES (OPTIONAL)

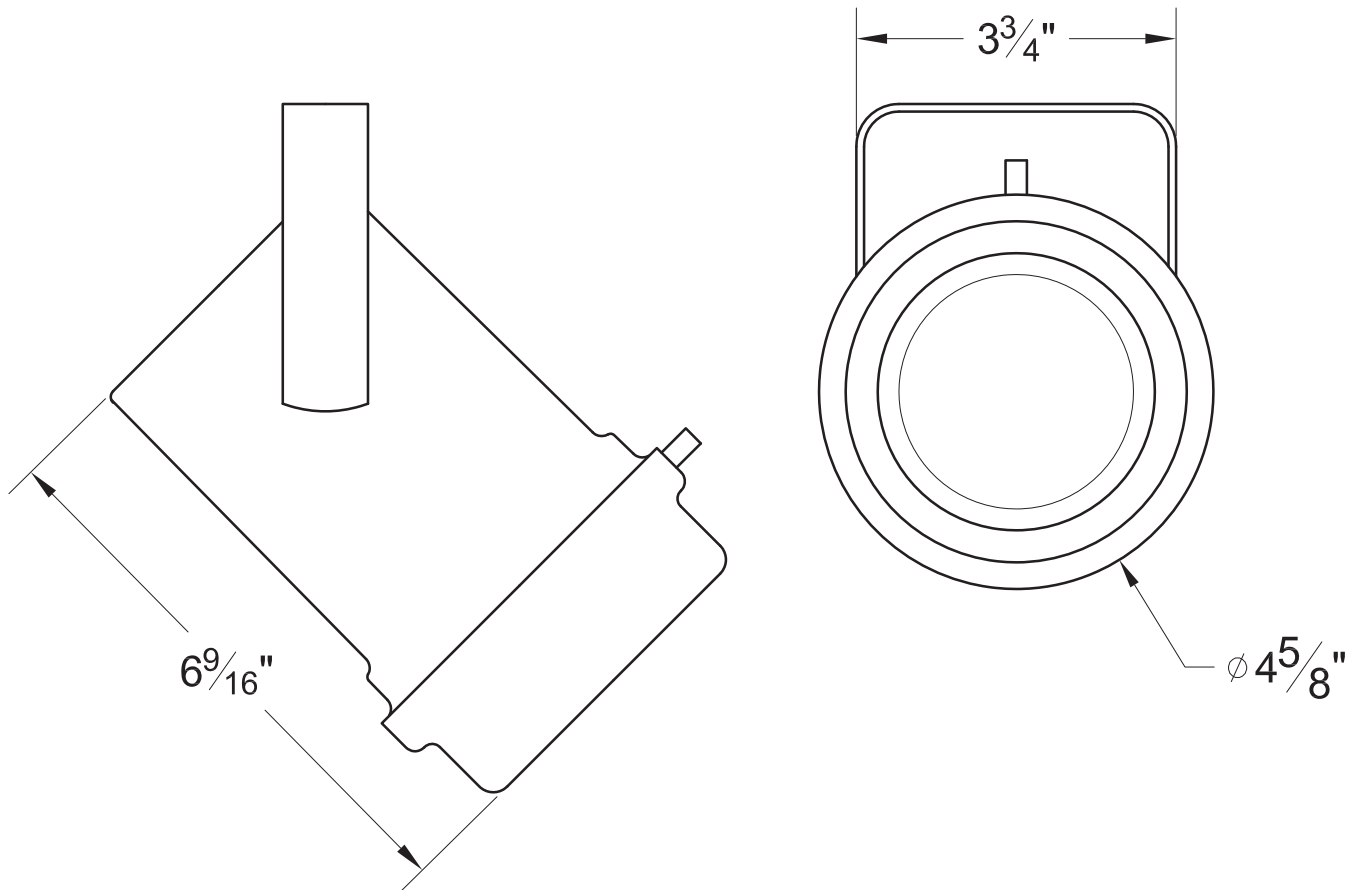
|    |                      |
|----|----------------------|
| ED | Edison Connector     |
| TL | Twist Lock Connector |
| SP | Stage Pin Connector  |

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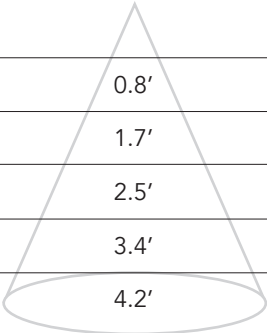
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## PHOTOMETRIC DATA

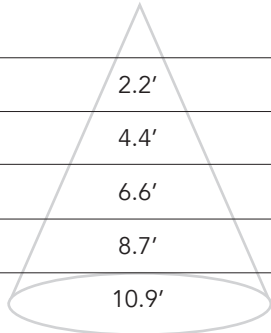
### 9° Degree Beam

| Distance | Beam Spread | Footcandles |
|----------|-------------|-------------|
| 3'       | 0.8'        | 2436        |
| 6'       | 1.7'        | 717         |
| 9'       | 2.5'        | 344         |
| 12'      | 3.4'        | 201         |
| 15'      | 4.2'        | 115         |



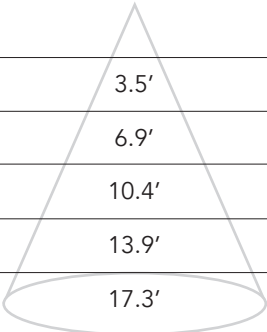
### 25° Degree Beam

| Distance | Beam Spread | Footcandles |
|----------|-------------|-------------|
| 3'       | 2.2'        | 552         |
| 6'       | 4.4'        | 161         |
| 9'       | 6.6'        | 77          |
| 12'      | 8.7'        | 45          |
| 15'      | 10.9'       | 26          |



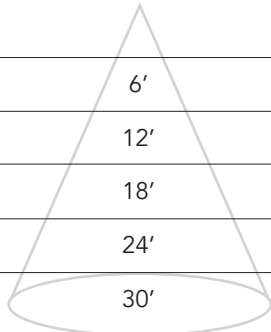
### 36° Degree Beam

| Distance | Beam Spread | Footcandles |
|----------|-------------|-------------|
| 3'       | 3.5'        | 255         |
| 6'       | 6.9'        | 74          |
| 9'       | 10.4'       | 36          |
| 12'      | 13.9'       | 21          |
| 15'      | 17.3'       | 12          |



### 60° Degree Beam

| Distance | Beam Spread | Footcandles |
|----------|-------------|-------------|
| 3'       | 6'          | 112         |
| 6'       | 12'         | 33          |
| 9'       | 18'         | 16          |
| 12'      | 24'         | 9           |
| 15'      | 30'         | 5           |



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### MOUNTING OPTIONS

**AD1** Track Adapter for commercial grade 1-circuit track. 120V. For use with lightweight fixtures.

**DT2** Track adapter for SpecTrack 2-Circuit data track. 120V.

**HDT2** Track adapter for SpecTrack 2-Circuit data track. 277V.

**TA2 / HTA2 (277)** Track adapter for G-Series specification grade 2-circuit track. 120V or 277V.

**TA3** Track adapter for G-Series specification grade 3-circuit track. 120V.

**CM1** Canopy mount

**US1** 6 5/8" x 1 1/2" Unistrut adapter.

**TB4** 6 1/4" Portable wall mount/table base floor, wall or table use.

**TB8** 8" x 8" Portable table base for floor or table use.

**MC** Light duty pipe clamp for small fixtures. For pipes up to 1 5/16" O.D.

**MN** Medium duty pipe clamp for small to large fixtures. For pipes up to 2" O.D.

### EXTENSION WANDS

|       |               |
|-------|---------------|
| SP 12 | 12" Stem      |
| SP 18 | 18" Stem      |
| SP 24 | 24" Stem      |
| SP X  | Custom Length |

### FIXTURE ACCESSORIES

|       |                     |
|-------|---------------------|
| LV6   | Louver              |
| XL6   | Cross Baffle Louver |
| BD10  | Barndoor            |
| HD6   | Hood                |
| XH6   | Cross Baffle Hood   |
| CC18  | Coiled Cord         |
| SC-24 | Safety Cable        |
| WL    | Wrench Locking      |

### SNAP ACCESSORIES

|         |                                  |
|---------|----------------------------------|
| 01145   | 25° Beam Spreader Snap           |
| 01147   | 36° Beam Spreader Snap           |
| 01149   | 60° Beam Spreader Snap           |
| 01595   | 10°-36° Linear Snap              |
| 03261   | 10°-60° Linear Snap              |
| 01597   | 36° x 36° Flat Top Snap          |
| 01151   | 40° Cutoff Louver                |
| 03257   | 20° Maximum Deflection Snap      |
| 01153   | 1/4 Color Temperature Shift Snap |
| 01155   | 1/2 Color Temperature Shift Snap |
| 01157   | 3/4 Color Temperature Shift Snap |
| 03283   | Enhance Snap                     |
| 02185-C | Color Snap (Specify Color)       |

### NOTES ON DIMMING

Visit [tslight.com/resources](https://tslight.com/resources) or scan the QR Code.



**SPECIFY:**

| MODEL                                                     | CRI                                        | COLOR TEMPERATURE                           |
|-----------------------------------------------------------|--------------------------------------------|---------------------------------------------|
| MK3                                                       | 95                                         | 27 = 2700K<br>30 = 3000K                    |
| COLOR                                                     | MOUNTING OPTIONS                           | ACCESSORIES                                 |
| B = Black<br>W = White<br>S = Silver<br>CC = Custom Color | See Mounting Options for<br>Ordering Codes | See Accessory Options for<br>Ordering Codes |

\* All fixtures sold with 9° beam angle lamps – use Beam Spreaders to achieve desired angle.

**ORDERING INFORMATION**

|           |  |
|-----------|--|
| PROJECT:  |  |
| LOCATION: |  |
| QUANTITY: |  |
| CONTACT:  |  |
| PHONE:    |  |
| EMAIL:    |  |

**EXAMPLE:** MK3-9527-B-AD1-LV6

| MODEL | CRI | COLOR TEMPERATURE | COLOR | MOUNTING | ACCESSORIES |
|-------|-----|-------------------|-------|----------|-------------|
| MK3   |     |                   |       |          |             |