# ACR SERIES
## CASAMBI WIRELESS

MANUFACTURED IN THE UNITED STATES - IBEW

**Pb** lead-free | **RoHS** 2002/95/EC | PRODUCT LISTED BY A NATIONALLY RECOGNIZED TESTING LABORATORY | **CASAMBI**

It is designed for short to medium throw applications. The ACR Series can be fitted with up to three accessories, including barn doors, louvers and lenses. This versatile fixture is available with a wide variety of mounting options. Casambi Bluetooth allows for a wide range of customization with wireless control.

The ACR Series is available in standard black, white, or silver finishes. Custom colors are available upon request.

## LED

- Cree XLamp LED array
- **Color Temperature Options:** 2700K, 3000K, 3500K, 4000K, 5000K, 5700K, 6500K
- **CRI:** 80 standard or 92 optional (97 CRI Available, consult factory)
- **Lumen Maintenance:** 90% of initial lumen output at 33,000 hours on LM-80 testing
- No UV or IR

| MODEL | CRI | TOTAL WATTAGE* | LUMENS | EFFICACY (LM/W) |
|-------|-----|----------------|--------|-----------------|
| ACR21 | 92 | 17.4 | 2100 | 121 |
| ACR23 | 80 | 17.4 | 2300 | 132 |
| ACR25 | 92 | 19.8 | 2500 | 125 |
| ACR28 | 92 | 22.3 | 2000 | 125 |
| ACR29 | 80 | 19.8 | 2800 | 146 |
| ACR32 | 80 | 22.3 | 3250 | 145 |

\* Total wattage equals LED plus driver. Delivered lumen may vary depending on LED module, color temperature, optics, and accessories. Testing done with 3000K LED array.

## CONSTRUCTION

- Aluminum housing with black, white or silver finish
- Accepts up to 3 accessories
- Weight: 3 lbs.

## ELECTRICAL

- Integral electronic driver
- 100-277V, 50/60Hz
- Meets FCC 47 CFR Part 15/18 Requirements

## DIMMING

The Casambi app works as one of the user interfaces in a Casambi lighting control solution, as the commissioning tool and as well as a remote gateway. The Casambi app works with iOS and Android devices, and the app is free to download by any end-user.
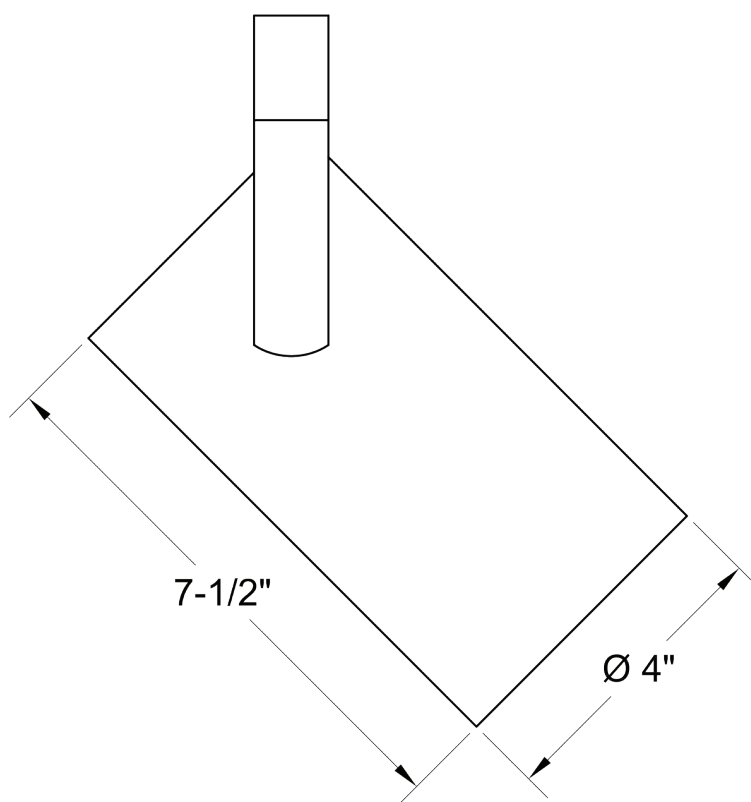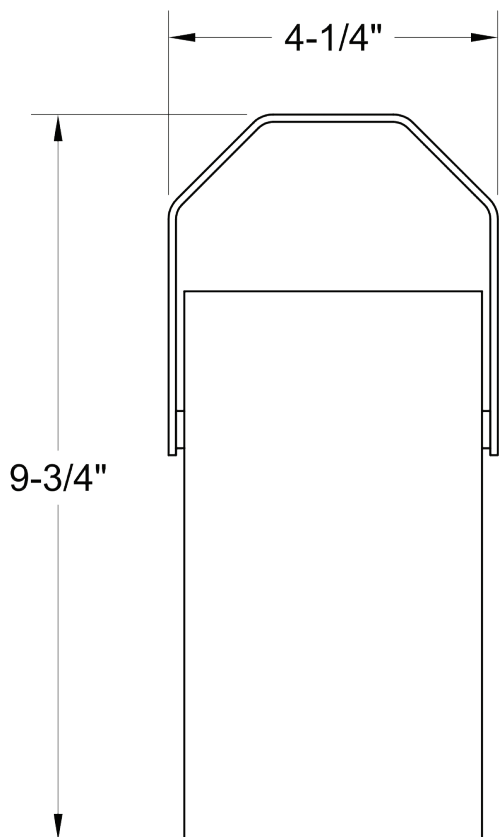
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**CASAMBI WIRELESS**
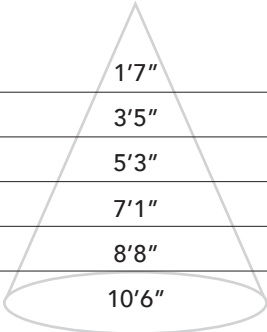
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4-1/4"

9-3/4"

7-1/2"

Ø 4"
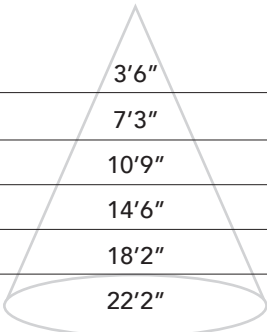
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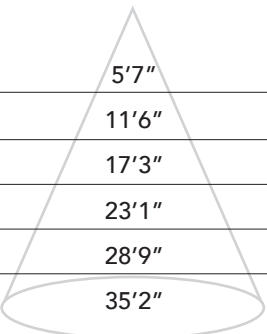
### 20° Spot Reflector

| Distance | Beam Spread | ACR21 | ACR23 | ACR25 | ACR28 | ACR29 | ACR32 |
|----------|-------------|-------|-------|-------|-------|-------|-------|
| 5′ | 1′7″ | 282 | 315 | 340 | 384 | 397 | 441 |
| 10′ | 3′5″ | 71 | 79 | 85 | 96 | 100 | 111 |
| 15′ | 5′3″ | 31 | 35 | 38 | 43 | 44 | 49 |
| 20′ | 7′1″ | 18 | 20 | 22 | 24 | 25 | 28 |
| 25′ | 8′8″ | 11 | 13 | 14 | 16 | 16 | 18 |
| 30′ | 10′6″ | 8 | 9 | 10 | 11 | 11 | 12 |

Footcandles

### 40° Medium Flood Reflector

| Distance | Beam Spread | ACR21 | ACR23 | ACR25 | ACR28 | ACR29 | ACR32 |
|----------|-------------|-------|-------|-------|-------|-------|-------|
| 5′ | 3′6″ | 168 | 188 | 203 | 229 | 237 | 263 |
| 10′ | 7′3″ | 42 | 47 | 51 | 57 | 59 | 66 |
| 15′ | 10′9″ | 19 | 21 | 23 | 26 | 26 | 29 |
| 20′ | 14′6″ | 11 | 12 | 13 | 15 | 15 | 17 |
| 25′ | 18′2″ | 7 | 8 | 9 | 10 | 10 | 11 |
| 30′ | 22′2″ | 5 | 5 | 5 | 6 | 6 | 7 |

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### 60° Spot Reflector

| Distance | Beam Spread | ACR21 | ACR23 | ACR25 | ACR28 | ACR29 | ACR32 |
|----------|-------------|-------|-------|-------|-------|-------|-------|
| 5′ | 5′7″ | 102 | 118 | 127 | 144 | 149 | 165 |
| 10′ | 11′6″ | 26 | 30 | 32 | 37 | 38 | 42 |
| 15′ | 17′3″ | 11 | 13 | 14 | 16 | 16 | 18 |
| 20′ | 23′1″ | 6 | 7 | 8 | 9 | 9 | 10 |
| 25′ | 28′9″ | 5 | 6 | 6 | 7 | 8 | 8 |
| 30′ | 35′2″ | - | 5 | 5 | 6 | 6 | 7 |

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## MOUNTING OPTIONS

**DT2** 2-circuit track adapter for SpecTrack databus. 120V.

**HDT2** 2-circuit track adapter for SpecTrack databus. 277V.

**AD1** Track adapter for commercial grade 1-circuit track. Good for use with small, lightweight fixtures.

**TA2** Track adapter for G-Series specification grade 2-circuit track. 120V.

**HTA2** Track adapter for G-Series specification grade 2-circuit track. 277V.

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

**CM4** Canopy Mount

**US1** 6-5/8" x 1-1/2" Unistrut Adapter

**TB8** 8" x 8" Portable table base for floor and 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.

**PC9M** Heavy duty pipe clamp for large, heavy 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 |

## ACCESSORIES

| | |
|---|---|
| BD20 | Barndoor |
| LV22 | Full Size Louver |
| XL22 | Full Size X Baffle Louver |
| XH22 | Full Size X Baffle Hood |
| HD22 | Hood/Snoot |
| X00517 | Accessory Holder |
| LV18* | Honeycomb Louver |
| FX22-26* | Red Filter |
| FX22-80* | Blue Filter |
| FX22-64* | Light Blue Filter |
| FX22-90* | Green Filter |
| FX22-21* | Amber Filter |
| FX22-10* | Yellow Filter |
| FX22-33* | Pink Filter |
| OF22-9101* | Smoothing Frost Filter |
| OF22-0S20* | 20° Beam Softener |
| OF22-1060* | Linear Spread 10 x 60 Degree |
| OF22-0S30* | Beam Soft Filter |
| OF22-0S40* | 40/60 Degree Diffusion |
| CC18 | Coil Cord Option |
| SC024 | Safety Cable |

\* X00517 Required. Wide range of colors available.

## NOTES ON DIMMING

Visit **tslight.com** or scan the QR Code.

## SPECIFY:

| MODEL | LUMENS | CRI |
|---|---|---|
| **ACR** | **21** =2100<br>**23** = 2300<br>**25** = 2500<br>**28** = 2800<br>**29** = 2900<br>**32** = 3200 | 80<br>92 |

| COLOR TEMPERATURE | FINISH | VOLTAGE |
|---|---|---|
| **27** = 2700K<br>**30** = 3000K<br>**35** = 3500K<br>**40** = 4000K<br>**50** = 5000K<br>**57** = 5700K<br>**65** = 6500K | **B** = Black<br>**W** = White<br>**S** = Silver<br>**CC** = Custom Color | 120<br>240<br>277 |

| OPTICS | MOUNTING | DIMMING † | ACCESSORIES |
|---|---|---|---|
| **10** = 10°<br>**20** = 20°<br>**40** = 40°<br>**60** = 60° | See Mounting Options for Ordering Codes | **CS** = Casambi Wireless | See Accessory Options for Ordering Codes |

**Maximum Operating Temperature:** 35° C • **Maximum Operating Angle:** 45° from Vertical

## ORDERING INFORMATION

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

**EXAMPLE:** ACR21-92-27-B-120-20-T1-CS-BD20

| MODEL | LUMENS | CRI | COLOR TEMPERATURE | FINISH | VOLTAGE | OPTICS | MOUNTING | DIMMING | ACCESSORIES |
|---|---|---|---|---|---|---|---|---|---|
| ACR | | | | | | | | | |