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

This fixture is designed for short to medium throw applications. The **ACR Series with Casambi** 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 with Casambi 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.
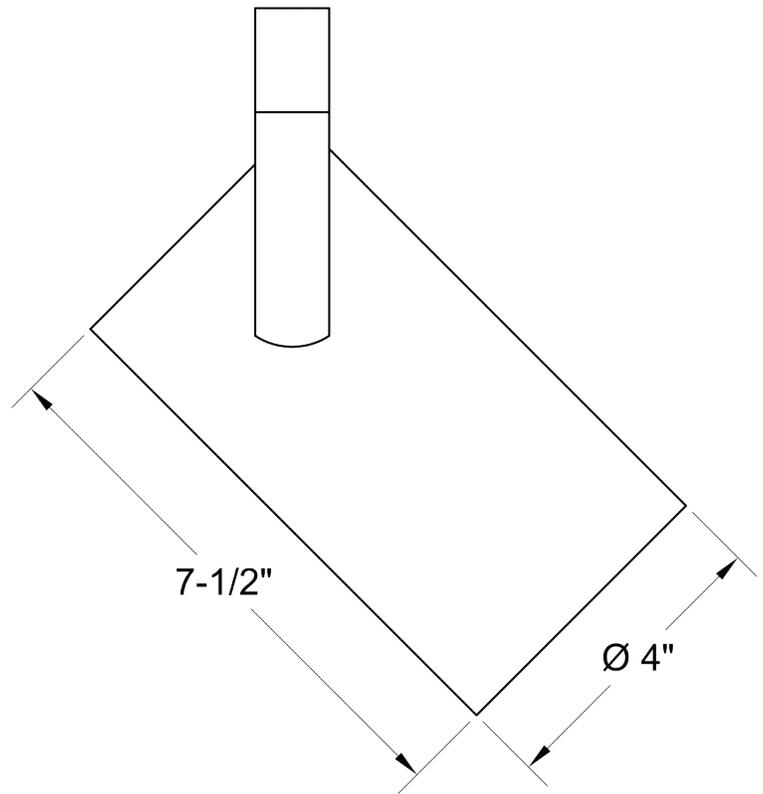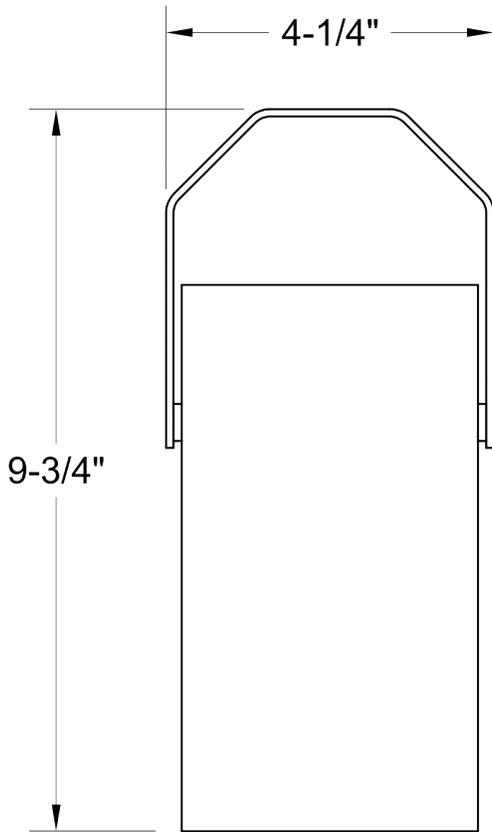
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4-1/4"

9-3/4"

7-1/2"

Ø 4"

OPTICS | 10°, 20°, 40°, and 60° Field-Changeable Reflectors

CBCP:	ACR21	ACR23	ACR25	ACR28	ACR29	ACR32
10°	14900	16500	17800	20100	21000	23300
20°	7100	7900	8500	9600	10000	11100
40°	4200	4700	5100	5700	5900	6600
60°	2600	3000	3200	3700	3800	4200

5 Holt Drive, Stony Point, NY 10980 • (845) 947-3034

10° Spot Reflector
Beam Spread

Distance | Footcandles
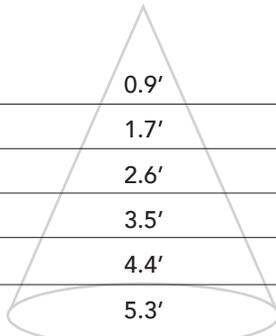
Distance	Beam Spread	ACR21	ACR23	ACR25	ACR28	ACR29	ACR32
5'	0.9'	596	660	712	804	840	932
10'	1.7'	149	165	178	201	210	233
15'	2.6'	66	73	79	89	93	104
20'	3.5'	37	41	45	50	52	58
25'	4.4'	24	26	28	32	34	37
30'	5.3'	17	18	20	22	23	26

20° Spot Reflector
Beam Spread

Distance | Footcandles
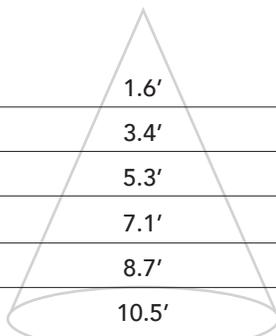
Distance	Beam Spread	ACR21	ACR23	ACR25	ACR28	ACR29	ACR32
5'	1.6'	282	315	340	384	397	441
10'	3.4'	71	79	85	96	100	111
15'	5.3'	31	35	38	43	44	49
20'	7.1'	18	20	22	24	25	28
25'	8.7'	11	13	14	16	16	18
30'	10.5'	8	9	10	11	11	12

40° Medium Flood Reflector
Beam Spread

Distance | Footcandles
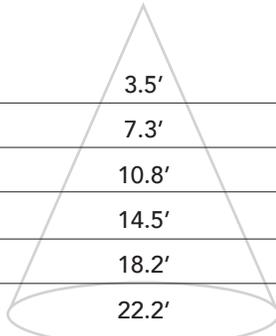
Distance	Beam Spread	ACR21	ACR23	ACR25	ACR28	ACR29	ACR32
5'	3.5'	168	188	203	229	237	263
10'	7.3'	42	47	51	57	59	66
15'	10.8'	19	21	23	26	26	29
20'	14.5'	11	12	13	15	15	17
25'	18.2'	7	8	9	10	10	11
30'	22.2'	5	5	5	6	6	7

60° Medium Flood Reflector
Beam Spread

Distance | Footcandles
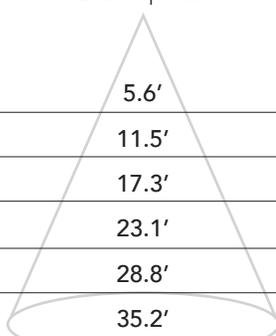
Distance	Beam Spread	ACR21	ACR23	ACR25	ACR28	ACR29	ACR32
5'	5.6'	102	118	127	144	149	165
10'	11.5'	26	30	32	37	38	42
15'	17.3'	11	13	14	16	16	18
20'	23.1'	6	7	8	9	9	10
25'	28.8'	5	6	6	7	8	8
30'	35.2'	-	5	5	6	6	7

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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/resources** or scan the QR Code.

SPECIFY:

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

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

OPTICS	MOUNTING	DIMMING †	ACCESSORIES
10 = 10° 20 = 20° 40 = 40° 60 = 60°	See Mounting Options for Ordering Codes	CA = Casambi Wireless	See Accessory Options for Ordering Codes

Maximum Ambient Temperature: 35°C
Maximum Operating Angle: 45° from vertical

* 92 CRI Only
** 80 CRI Only

† See "Notes on Dimming"

ORDERING INFORMATION

PROJECT:	
LOCATION:	
QUANTITY:	
CONTACT:	
PHONE:	
EMAIL:	

EXAMPLE: ACR21-92-27-B-120-20-T1-CA-BD20

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