ACR 900 - 2000

CREE LED

MANUFACTURED IN THE UNITED STATES - IBEW

Pb lead-free

RoHS 2002/95/EC

PRODUCT LISTED BY A NATIONALLY RECOGNIZED TESTING LABORATORY

The **ACR Series** emphasizes efficiency and economy and boasts the highest lumens per watt rating of any Times Square Lighting fixture to date. It is designed for a 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 and dimming options, allowing for a huge range of customization possibilities.

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
- **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)
ACR9	80 / 92	6.37 / 6.4	900 / 900	143 / 141
ACR11	80 / 92	7.7 / 8.4	1100 / 1100	143 / 131
ACR13	80 / 92	8.4 / 9.5	1300 / 1300	155 / 137
ACR15	80 / 92	9.7 /11.4	1500 / 1500	155 / 132
ACR18	80 / 92	11.4 / 14	1800 / 1800	158 / 128
ACR20	80 / 92	13.2 / 15.8	2000 / 2000	152 / 127

* 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

- **Trailing edge (ELV):** 120V all, 277V limited to ACR18 @ 80 CRI and ACR15 @ 92 CRI
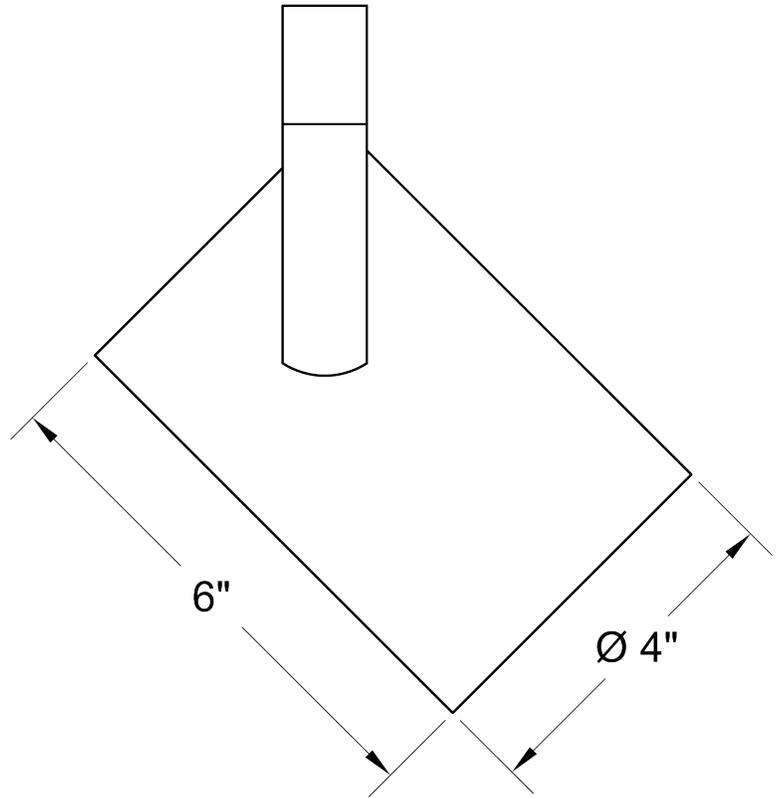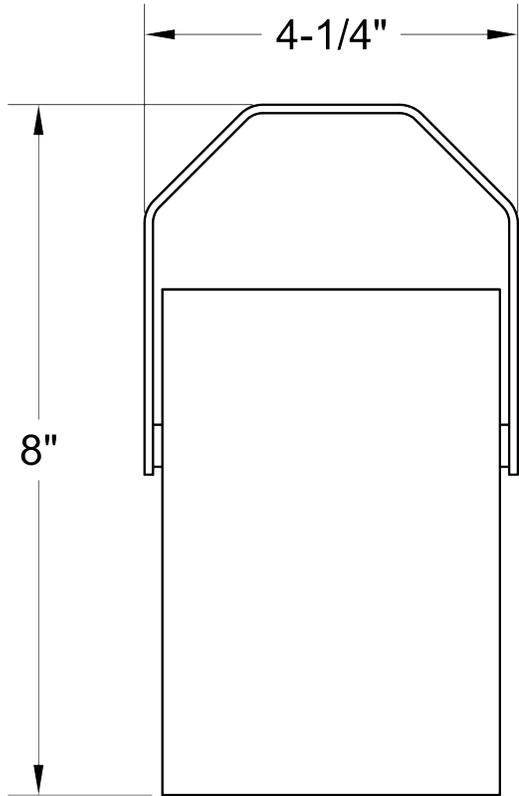- **Leading edge (Triac):** 120V Only
- **0-10V:** 120V / 277V

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

CBCP:	ACR9	ACR11	ACR13	ACR15	ACR18	ACR20
10°	6500	8000	9800	11500	12600	14000
20°	3100	3875	4780	5500	6030	6700
40°	1850	2275	2825	3250	3600	4000
60°	980	1230	1525	1750	2100	2425

Testing done at 3000K, 80 CRI.

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

10° Spot Reflector
Beam Spread — Footcandles
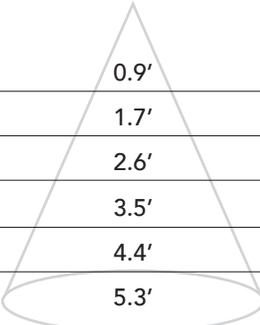
Distance	Beam Spread	ACR9	ACR11	ACR13	ACR15	ACR18	ACR20
5′	0.9′	260	320	392	460	504	560
10′	1.7′	65	80	98	115	126	140
15′	2.6′	29	36	44	51	56	62
20′	3.5′	16	20	25	29	52	35
25′	4.4′	10	13	16	18	20	22
30′	5.3′	7	9	11	13	14	16

20° Spot Reflector
Beam Spread — Footcandles
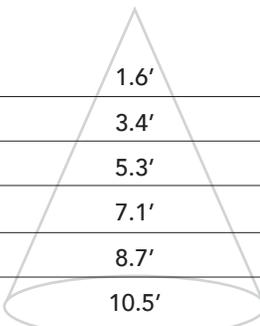
Distance	Beam Spread	ACR9	ACR11	ACR13	ACR15	ACR18	ACR20
5′	1.6′	126	155	191	220	241	268
10′	3.4′	31	39	48	55	60	67
15′	5.3′	14	17	21	24	27	30
20′	7.1′	8	10	12	14	15	17
25′	8.7′	5	6	8	9	10	11
30′	10.5′	-	5	5	6	7	7

40° Medium Flood Reflector
Beam Spread — Footcandles
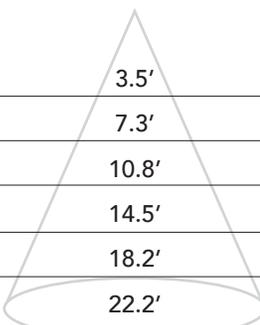
Distance	Beam Spread	ACR9	ACR11	ACR13	ACR15	ACR18	ACR20
5′	3.5′	74	91	113	130	144	160
10′	7.3′	19	23	28	33	36	40
15′	10.8′	8	10	13	15	25	18
20′	14.5′	5	5	7	8	9	10
25′	18.2′	-	-	-	5	6	6
30′	22.2′	-	-	-	-	-	-

60° Spot Reflector
Beam Spread — Footcandles
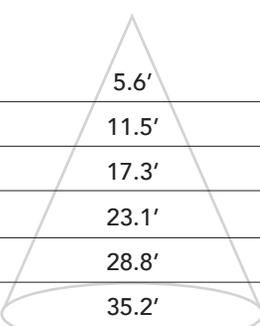
Distance	Beam Spread	ACR9	ACR11	ACR13	ACR15	ACR18	ACR20
5′	5.6′	39	49	61	70	85	97
10′	11.5′	10	12	15	18	21	24
15′	17.3′	5	5	7	8	9	11
20′	23.1′	-	-	-	5	5	6
25′	28.8′	-	-	-	-	-	5
30′	35.2′	-	-	-	-	-	-

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MOUNTING OPTIONS

DT2 2-circuit track adapter for SpecTrac databus. 120V.

HDT2 2-circuit track adapter for SpecTrac databus. 277V.

LP2 Low profile 2-circuit track adapter for SpecTrac databus. 120V.

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

SP12	12" Stem
SP18	18" Stem
SP24	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.

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

SPECIFY:

MODEL	LUMENS	CRI
ACR	**9** = 900 **11** = 1100 **13** = 1300 **15** = 1500 **18** = 1800 **20** = 2000	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	100 π 120 240 277

OPTICS	MOUNTING	DIMMING †	ACCESSORIES
10 = 10° **20** = 20° **25** = 25° **40** = 40° **60** = 60° **ZO** = 14° - 40° Zoom Optics	See Mounting Options for Ordering Codes	**TE** = Trailing Edge * **LE** = Leading Edge ** **010** = 0-10V **ND** = Non-Dimming	See Accessory Options for Ordering Codes

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

* 277V TE Dimming Available on 1800 Lumen, 80 CRI and 1500 Lumen, 92 CRI only.
** 120V Only
*** 80 CRI Only

† See "Notes on Dimming"
π Non-Dim or 0-10V Dimmiing Only

ORDERING INFORMATION

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

EXAMPLE: ACR15-80-27-B-120-20-T1-TE-BD20

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