ECR 900 - 2300

CREE LED

MANUFACTURED IN THE UNITED STATES - IBEW

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

The ECR 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. This versatile fixture is available with a wide variety of mounting and dimming options, allowing for a huge range of customization possibilities.

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

- Internal self-locking yoke
- Vented rear spinning
- Numerous mounting options
- Industry leading lumen maintenance and color point stability

LED SPECIFICATIONS

- 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)
ECR9	80 / 92	6.37 / 6.4	900 / 900	143 / 141
ECR11	80 / 92	7.7 / 8.4	1100 / 1100	143 / 131
ECR13	80 / 92	8.4 / 9.5	1300 / 1300	155 / 137
ECR15	80 / 92	9.7 / 11.4	1500 / 1500	155 / 132
ECR18	80 / 92	11.4 / 14	1800 / 1800	158 / 128
ECR20	80 / 92	13.2 / 15.8	2000 / 2000	152 / 127
ECR23	80	17.4	2300	132

* 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.

ELECTRICAL

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

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

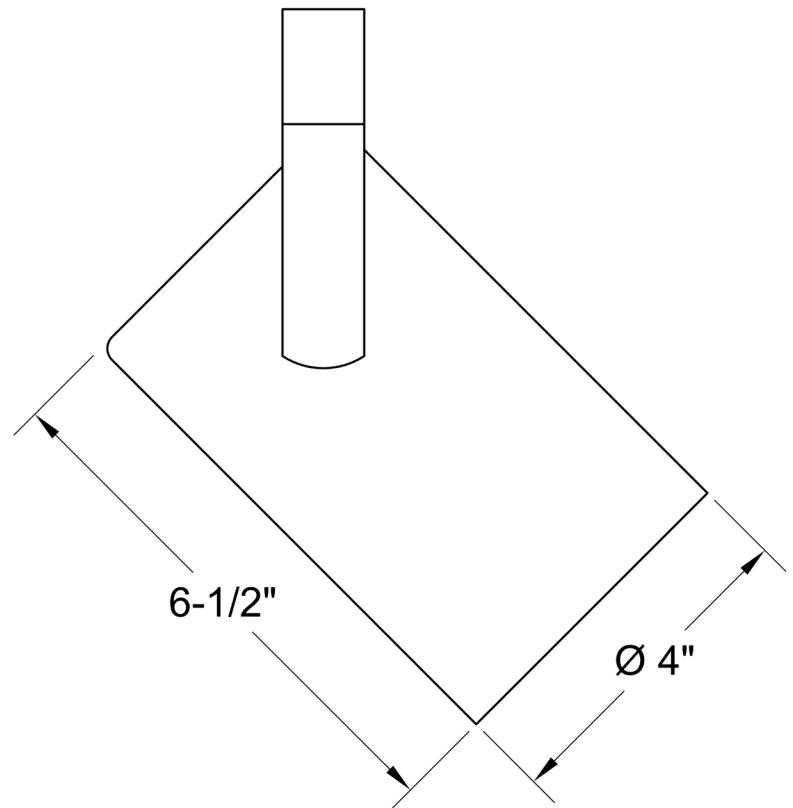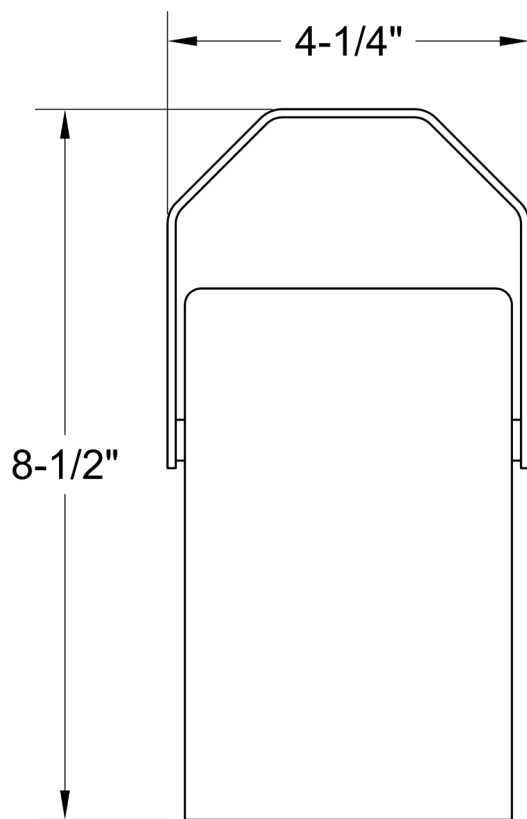| CBCP:	ECR9	ECR11	ECR13	ECR15	ECR18	ECR20	ECR23
20°	3100	3875	4780	5500	6030	6700	7900
40°	1850	2275	2825	3250	3600	4000	4700
60°	980	1230	1525	1750	2100	2425	3000

Testing done at 3000K, 80 CRI.

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4-1/4"

8-1/2"

6-1/2"

Ø 4"

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PHOTOMETRIC DATA

20° Spot Reflector
Beam Spread

Footcandles

Distance	Beam Spread	ECR9	ECR11	ECR13	ECR15	ECR18	ECR20	ECR23
5'	1'7"	126	155	191	220	241	268	315
10'	3'5"	31	39	48	55	60	67	79
15'	5'3"	14	17	21	24	27	30	35
20'	7'1"	8	10	12	14	15	17	20
25'	8'8"	5	6	8	9	10	11	13
30'	10'6"	-	5	5	6	7	7	9

40° Medium Reflector
Beam Spread

Footcandles

Distance	Beam Spread	ECR9	ECR11	ECR13	ECR15	ECR18	ECR20	ECR23
5'	3'6"	74	91	113	130	144	160	188
10'	7'3"	19	23	28	33	36	40	47
15'	10'9"	8	10	13	15	15	18	21
20'	14'6"	5	5	7	8	9	10	12
25'	18'2"	-	-	-	5	6	6	8
30'	22'2"	-	-	-	-	-	-	5

60° Flood Reflector
Beam Spread

Footcandles

Distance	Beam Spread	ECR9	ECR11	ECR13	ECR15	ECR18	ECR20	ECR23
5'	5'7"	39	49	61	70	85	97	118
10'	11'6"	10	12	15	18	21	24	30
15'	17'3"	5	5	7	8	9	11	13
20'	23'1"	-	-	-	5	5	6	7
25'	28'9"	-	-	-	-	-	5	6
30'	35'2"	-	-	-	-	-	-	5

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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 single 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.

CM1 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

XCY-AH	Accessory Holder
OF22-1060	5°x50° Linear Lens
OF22-0S20	Beam Softener
OF22-0S40	50°x50° Spread Lens
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
CC18	Coiled Cord
SC-24	Safety Cable

* Wide range of colors available.

NOTES ON DIMMING

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

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SPECIFY:

MODEL	LUMENS	CRI
ECR	**9** = 900 / 900 **11** = 1100 / 1100 **13** = 1300 / 1300 **15** = 1500 / 1500 **18** = 1800 / 1800 **20** = 2000 / 2000 **23** = 2300 / 2300	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
12 = 12° **25** = 25° **40** = 40° **60** = 60° **ZO** = 15°-16°	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

* 120V Only ** 80 CRI Only
*** 277V TE Dimming available on 1600 lumen,
80 CRI and 1500 lumen, 92 CRI only.

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

ORDERING INFORMATION

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

EXAMPLE: ECR15-80-27-B-120-20-DT2-LV18

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