

# CR HIGH POWER

CREE LED

MANUFACTURED IN THE UNITED STATES - IBEW



PRODUCT LISTED  
BY A NATIONALLY  
RECOGNIZED  
TESTING  
LABORATORY



The CR High Power 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 CR 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 CR High Power is available in standard black, white, or silver finishes. Custom colors are available upon request.

## 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)
CR42	92	40	4200	105
CR46	92	45	4600	102
CR48	80	40	4800	120
CR52	92	55	5200	95
CR53	80	45	5300	118
CR60	80	55	6000	109

\* 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

- Steel & aluminum housing with black, white or silver finish
- 0-180° tilt, 360° rotation
- Accepts up to 3 accessories
- Weight: 3 lbs

## DIMMING

- Trailing edge (ELV): 120V / 277V
- Leading edge (Triac): 120V / 277V
- 0-10V: 120V / 277V
- IP (Integral Pot) dimming available

## ELECTRICAL

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

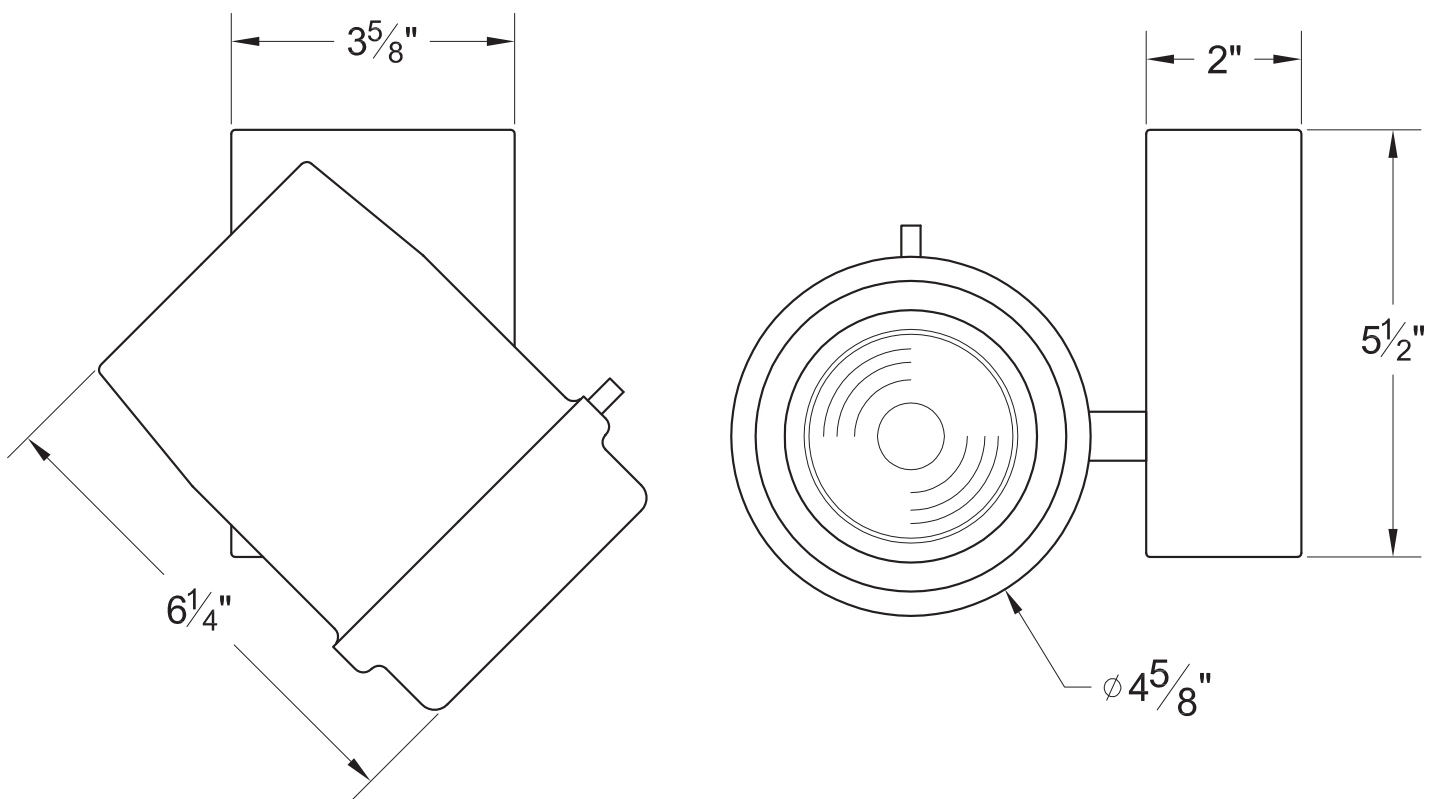
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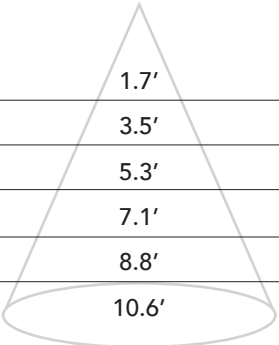


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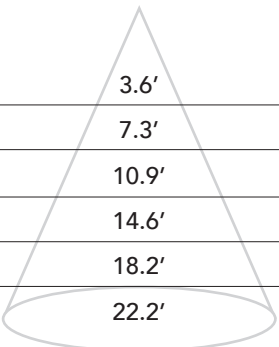


## PHOTOMETRIC DATA

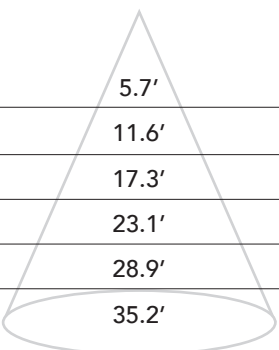
Distance	20° Spot Reflector Beam Spread	Footcandles					
		CR42	CR46	CR48	CR52	CR53	CR60
5'	1.7'	667	722	762	824	838	948
10'	3.5'	167	181	191	206	93	105
15'	5.3'	74	80	84	92	93	105
20'	7.1'	41	45	48	52	52	59
25'	8.8'	26	29	31	33	34	38
30'	10.6'	18	20	21	23	23	26



Distance	40° Medium Reflector Beam Spread	Footcandles					
		CR42	CR46	CR48	CR52	CR53	CR60
5'	3.6'	341	373	389	422	430	482
10'	7.3'	85	93	47	106	108	121
15'	10.9'	37	41	43	47	49	53
20'	14.6'	21	23	24	26	27	30
25'	18.2'	14	15	16	17	17	19
30'	22.2'	9	10	11	12	12	13



Distance	60° Flood Reflector Beam Spread	Footcandles					
		CR42	CR46	CR48	CR52	CR53	CR60
5'	5.7'	199	218	229	246	251	285
10'	11.6'	50	55	57	62	63	71
15'	17.3'	22	24	25	27	28	31
20'	23.1'	12	13	14	15	16	18
25'	28.9'	8	9	9	10	10	11
30'	35.2'	5	6	6	6	7	8



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## MOUNTING OPTIONS

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

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

**T1** Track Adapter for commercial grade 1 & 2 circuit  
track. 120V. For use with larger, heavier 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 fix-  
tures. For pipes up to 2" O.D.

**PC9M** Heavy duty pipe clamp for large, heavy fixtures.  
For pipes up to 2" O.D.

## ACCESSORIES

<b>LV6</b>	Louver
<b>XL6</b>	Cross Baffle Louver
<b>BD10</b>	Barndoor
<b>HD6</b>	Hood
<b>XH6</b>	Cross Baffle Hood
<b>X00517</b>	Glass / Dichroic Holder
<b>OF22-9101*</b>	Smoothing Frost Filter
<b>OF22-0S20*</b>	20° Beam Softener
<b>OF22-1060*</b>	Linear Spread 10 x 60 Degree
<b>OF22-0S30*</b>	Beam Soft Filter
<b>OF22-0S40*</b>	40 / 60 Degree Diffusion
<b>GF22*</b>	Glass Color Filter
<b>GF22-600*</b>	5° x 50° Linear Lens
<b>GF22-601*</b>	Beam Softener
<b>GF22-673*</b>	50°x 50° Spread Lens
<b>CC18</b>	Coiled Cord
<b>SC-24</b>	Safety Cable

\* X00517 Required. Wide range of colors available.

## EXTENSION WANDS

<b>SP 12</b>	12" Stem
<b>SP 18</b>	18" Stem
<b>SP 24</b>	24" Stem
<b>SP X</b>	Custom Length

## NOTES ON DIMMING

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



## SPECIFY:

MODEL	LUMENS	CRI	
CR	42 = 4200 * 46 = 4600 * 48 = 4800 ** 52 = 5200 * 53 = 5300 ** 60 = 6000 ** 62 = 6200 * 70 = 7000 **	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 <b>II</b> 120 240 277	
OPTICS	MOUNTING	DIMMING †	ACCESSORIES
20 = 20° 25 = 25° 40 = 40° 60 = 60°	See Mounting Options for Ordering Codes	TE = Trailing Edge *** LE = Leading Edge *** 010 = 0-10V ND = Non-Dimming IP = Integral Pot ***	See Accessory Options for Ordering Codes

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

\* 92 CRI Only \*\* 80 CRI Only  
 \*\*\* 277V TE, LE and IP Dimming available on 4800 & 6000 lumen, 80 CRI and 4200 & 5200 lumen, 92 CRI only. 120V LE and TE dimming not available on 6200 lumen, 92 CRI or 7000 lumen, 80 CRI.

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

## ORDERING INFORMATION

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

**EXAMPLE:** CR48-80-27-B-120-20-AD1-TE-LV6

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