



Manufactured in the USA - IBEW



Electrical

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

Construction

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

Dimming

- Trailing edge (ELV): 120V only
- Leading edge (Triac): 120V only
- 0-10V: 120V only (ControlTrac), 120-277V (CM3 mount)

BCR Series

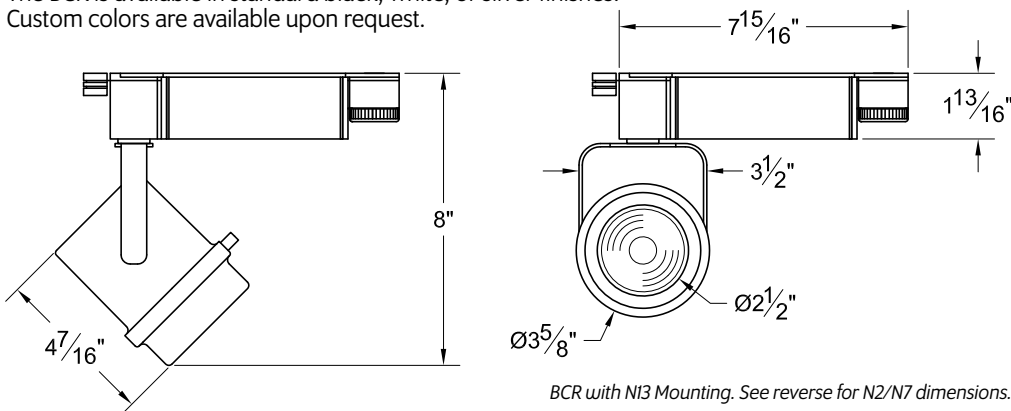
CREE LED



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



BCR with N13 Mounting. See reverse for N2/N7 dimensions.

LED

- Cree XLamp LED array
- Color temp options: 2700K, 3000K, 3500K, 4000K
- 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*	Delivered Lumens	Efficacy (Lm/W)
BCR9	80 / 92	5.6 / 6.4	900	172 / 146
BCR12	80 / 92	7.7 / 9.0	1200	166 / 141
BCR15	80 / 92	9.7 / 11.4	1500	161 / 137
BCR18	80 / 92	11.4 / 15.0	1800	157 / 133
BCR20	80 / 92	13.3 / 15.8	2000	151 / 131

* 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.

Optics

- 20°, 40°, and 60° Field-changable reflectors
- CBCP:

	BCR9	BCR12	BCR15	BCR18	BCR20
20°	3100	4250	5500	6030	6700
40°	1850	2500	3250	3600	4000
60°	980	1350	1750	1890	2100

Ordering Matrix

Model	Lumens	CRI	Color Temp	Finish	Voltage	Optics	Mounting	Dimming*	Accessories
BCR	9 = 900 12 = 1200 15 = 1500 18 = 1800 20 = 2000	80 92	27 = 2700K 30 = 3000K 35 = 3500K 40 = 4000K	B = Black W = White S = Silver CC = Custom Color	120 240 277	20 = 20° 25 = 25° 40 = 40° 60 = 60° ZO = Zoom Optic	See Mounting Options	TE = Trailing Edge LE = Leading Edge 010 = 0-10V ND = Non-Dimming	See Accessory Options

Maximum ambient temperature: 35°C
Maximum operating angle: 45° from vertical

* See "Notes on Dimming" on reverse

Example: BCR-900-80-27-B-120-20-N13-TE-LV3

BCR- _____ - _____ - _____ - _____ - _____ - _____ - _____

* Specification sheets are subject to change without notice.

Photometric Data

20° Spot Reflector		Footcandles				
Distance	Beam Spread	BCR9	BCR12	BCR15	BCR18	BCR20
5'	1.7'	126	170	220	241	268
7.5'	2.7'	55	76	98	107	119
10'	3.5'	31	43	55	60	67
12.5'	4.4'	20	27	35	39	43
15'	5.3'	14	19	24	27	30
17.5'	6.2'	10	14	18	20	22
20'	7.1'	8	11	14	15	17

40° Medium Flood Reflector		Footcandles				
Distance	Beam Spread	BCR9	BCR12	BCR15	BCR18	BCR20
5'	3.6'	74	100	130	144	160
7.5'	5.5'	33	44	58	64	71
10'	7.3'	19	25	33	36	40
12.5'	9.1'	12	16	21	23	26
15'	10.9'	8	11	15	16	18
17.5'	12.8'	6	8	11	12	13
20'	14.6'	5	6	8	9	10

60° Flood Reflector		Footcandles				
Distance	Beam Spread	BCR9	BCR12	BCR15	BCR18	BCR20
5'	5.7'	39	54	70	76	85
7.5'	8.7'	17	24	31	34	38
10'	11.6'	10	14	18	19	21
12.5'	14.4'	7	9	11	12	14
15'	17.3'	5	6	8	8	9
17.5'	20.2'	-	-	6	6	7
20'	23.1'	-	-	5	5	5

Extension Wands

SP 12	12" Stem
SP 18	18" Stem
SP 24	24" Stem
SP X	Custom Length

Mounting Options

N2 Track adapter for G-Series 2-circuit specification grade track. 120V.

N7 Track adapter for G-Series 2-circuit specification grade track. 277V.

N8 2-circuit track adapter for SpecTrack databus. 120V.

N9 2-circuit track adapter for SpecTrack databus. 277V.

N13 Track Adapter for commercial grade 1-circuit track. 120V.

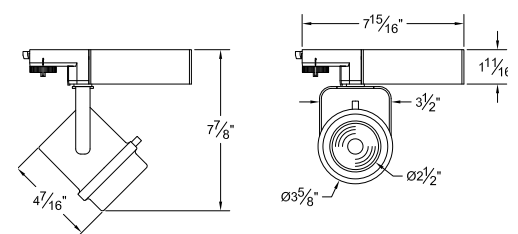
CM3 Canopy mount for J-Box.

Accessories

LV3	Louver
XL3	Cross Baffle Louver
BD3	Barndoor
HD3	Hood
X00517	Glass/Dichroic Holder
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
GF22-600*	5°x50° Linear Lens
GF22-601*	Beam Softener
GF22-673*	50°x50° Spread Lens
WW3	Wall Wash Kicker w/ Spread Lens

* X00517 Required.

* Wide range of colors available.



BCR with N2/N7 Mounting. See reverse for N13 dimensions.

* For notes on dimming, please [click here](#).