

PCBR SERIES

HIGH POWER GREEN / PLANT WALL LUMINAIRE

MANUFACTURED IN THE UNITED STATES - IBEW



PRODUCT LISTED
BY A NATIONALLY
RECOGNIZED
TESTING
LABORATORY



The PCBR Series uses the Bridgelux Thrive™ LED which closely matches the spectra of natural light over the visible wavelength range. Thrive™ brings full spectrum natural light indoors, ideal for plant life at all growth stages, and incorporates circadian elements that may impact human well-being. The high fidelity spectral output of Thrive™ creates stunning environments with excellent color rendering and outstanding TM30 metrics. The PCBR Series is available in standard black, white, or silver finishes. Custom colors are available upon request.

CONSTRUCTION

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

LED SPECIFICATIONS

- Engineered spectrum to closely match natural light
- PBRI > 95, R1-R15 > 90, high Rf and Rg values
- High efficacy full spectrum solution
- No violet chip augmentation
- Hot color targeted
- Full consistent spectrum with few spectral spikes
- Natural and vivid color rendering

MODEL	CRI	TOTAL WATTAGE*	LUMENS	EFFICACY (LM/W)
PCBR9	95	6.4	900	141
PCBR12	95	9	1200	133
PCBR15	95	11.4	1500	132
PCBR18	95	15	1800	120
PCBR20	95	15.8	2000	127
PCBR25	95	23.4	2500	107
PCBR27	95	25	2700	108
PCBR30	95	30	3000	100

* Total wattage equals LED plus driver. Delivered lumen may vary depending on LED module, color temperature, optics, and accessories. Testing done with 4000K LED array.

ELECTRICAL

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

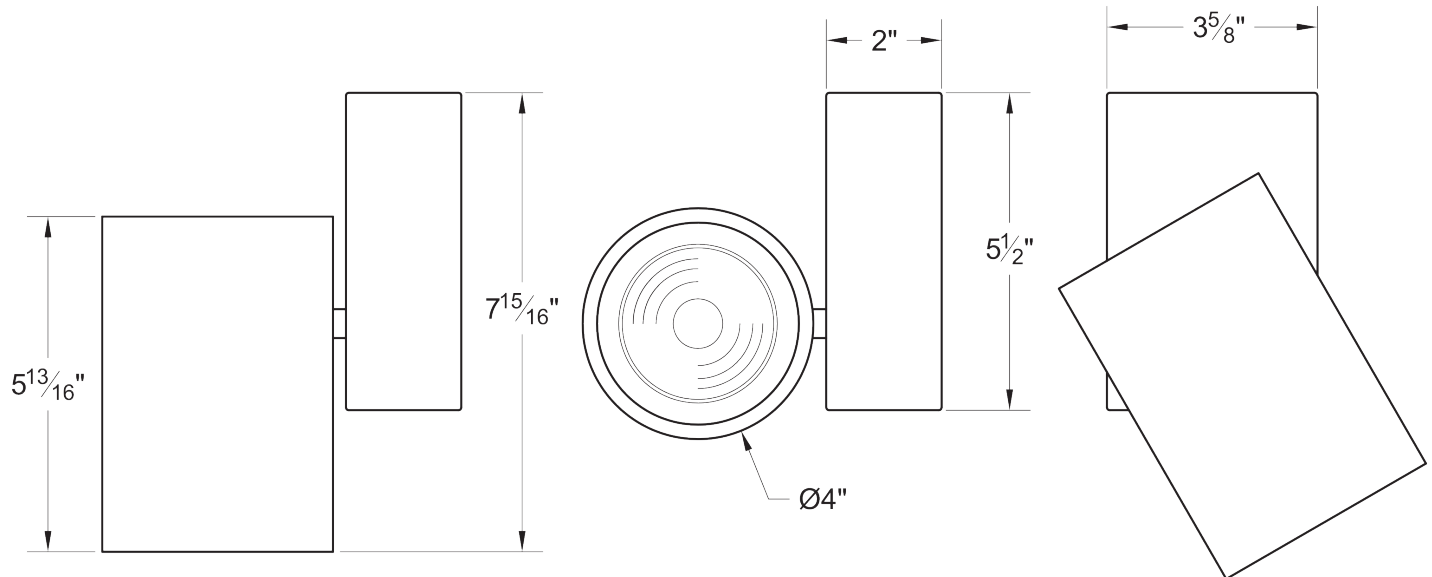
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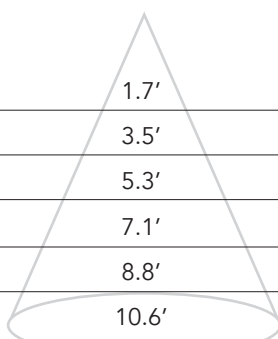


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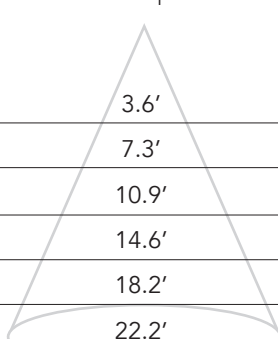


PHOTOMETRIC DATA

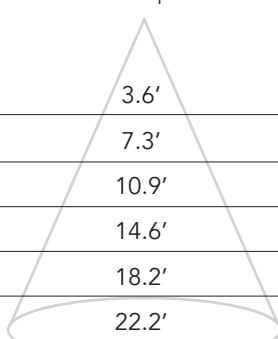
Distance	20° Spot Reflector Beam Spread	Footcandles							
		PCBR9	PCBR12	PCBR15	PCBR18	PCBR20	PCBR25	PCBR30	PCBR35
5'	1.7'	126	170	220	241	268	344	440	556
10'	3.5'	31	43	55	60	67	86	110	139
15'	5.3'	14	19	24	27	30	38	49	62
20'	7.1'	8	11	14	15	17	22	28	35
25'	8.8'	5	7	9	10	11	14	18	22
30'	10.6'	-	6	6	7	7	10	12	15



Distance	40° Medium Reflector Beam Spread	Footcandles							
		PCBR9	PCBR12	PCBR15	PCBR18	PCBR20	PCBR25	PCBR30	PCBR35
5'	3.6'	74	100	130	144	160	204	260	284
10'	7.3'	19	25	33	36	40	51	65	71
15'	10.9'	8	11	15	16	18	23	29	32
20'	14.6'	5	6	8	9	10	13	16	18
25'	18.2'	-	-	5	6	6	8	10	11
30'	22.2'	-	-	-	-	-	6	7	8



Distance	60° Flood Reflector Beam Spread	Footcandles							
		PCBR9	PCBR12	PCBR15	PCBR18	PCBR20	PCBR25	PCBR30	PCBR35
5'	3.6'	74	100	130	144	160	204	260	284
10'	7.3'	19	25	33	36	40	51	65	71
15'	10.9'	8	11	15	16	18	23	29	32
20'	14.6'	5	6	8	9	10	13	16	18
25'	18.2'	-	-	5	6	6	8	10	11
30'	22.2'	-	-	-	-	-	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.

AD1 Track adapter for commercial grade 1-circuit track. Good for use with small, lightweight fixtures.

TA1 Track adapter for E-Series specification grade track. 1-circuit track. 120V.

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.

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
OF22-9101*	Smoothing Frost Filter
CC18	Coil Cord Option
SC024	Safety Cable

* X00517 Required

EXTENSION WANDS

SP12	12" Stem
SP18	18" Stem
SP24	24" Stem
SP X	Custom Length

NOTES ON DIMMING

Visit tslight.com/resources or scan the QR Code.



SPECIFY:

MODEL		LUMENS	CRI	
PCBR		9 = 900 12 = 1200 15 = 1500 18 = 1800 20 = 2000 25 = 2500 27 = 2700 30 = 3000	95	
COLOR TEMPERATURE		FINISH	VOLTAGE	
40 = 4000K		B = Black W = White S = Silver CC = Custom Color	120 240 277	
OPTICS	MOUNTING	DIMMING †		ACCESSORIES
20 = 20° 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

*** 277V TE Dimming Available on 1500 & 1700 lumen only.

† See "Notes on Dimming"
♦ 120V Only

ORDERING INFORMATION

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

EXAMPLE: PCBR15-9540-W-120-20-AD1-TE-LV22

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