



- Limited Warranty: 5 Years
- UL, CUL, DLC
- Type III or Type V Lighting Distribution
- E26, E39, and EX39 lamp base
- Internal Driver, Input Voltage AV100-277V
- Lamp Base: 270 rotatable
- Long Lifespan
- Replacement for Metal Halide, easy installation. Fits many different fixtures to replace traditional lamps



OVERVIEW

The BH Series delivers 100 Lm/ W to 120 Lm/W. This LED light bulb is available in many different watt values, varying from 27 W to 115 W. This BH Series comes in two different sizes depending on the lumen output required and 3 different lamp bases varying from E26, E39, and EX39. It can replace from 100 W to a 400W MH or a 60-200W CFL (Compact Fluorescent Light).

APPLICATION

Replacement lamps for outdoor pole/ arm-mounted area and roadway luminaires. Easily connects to AC Power Supply

Project:

Type:

Prepared By:

Date:

Models

Models	Watts	4000 K (Lm)	Efficiency (LPW)	5000 K (Lm)	Efficiency (LPW)
BH 27	27W	3032	117.07	3032	117.07
BH 36	36W	4010	115.33	4008.5	119.8
BH 54	54W	5672.4	111.53	5672.4	111.53
BH 75	75W	8507.2	115.32	8615.3	116.12
BH 95	95W	10622	114.03	10622	114.03
BH 115	115W	12819	113.44	12819	113.44

Technical Specifications

Warranty

PacLights warrants these LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. Please refer to our full warranty.

Qualifications

UL Listing:

Suitable for wet locations
UL List File Number: E466044

DLC Qualification:

Selected models of this product are the Design Lights Consortium (DLC) Qualified Products List and are eligible for rebates from DLC Member Utilities. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/qpl

Construction

Lens:

Polycarbonate

IP Rating

Ingress Protection rating of Ip51 for dust and water

Cold Weather Starting:

Minimum starting temperature is -4 F (-20 C)

Thermal Management:

Superior thermal management with internal fan on selected models.

Housing:

Sheet metal cover and Acrylonitrile- Butadiene- Styrene casting

Mounting:

The BH Series is able to screw into power outlets suitable for a E26, E39, or an EX39. If orientation is incorrect after installation, its housing is able to rotate to the appropriate orientation while the lamp base stays intact.

LED Characteristics

LEDs:

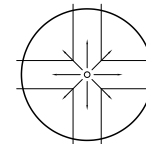
Long-life, high efficiency surface mounting LEDs
Color Temperature: 4000K, 5000K, 5700K
Color Accuracy: >70 CRI

Light Beam Angle



TYPE III : 90° x 150°

Type III lighting distribution is typically used for roadway lighting, general parking areas and other locations where evenly distributed intensity is required. Typically placed along the side of the desired illuminated area.



TYPE V : 120°

Type V lighting distribution is typically used for the center of roadways, center island of parkways, and intersections where evenly distributed intensity is required. Typically placed at the center of the desired illuminated area.

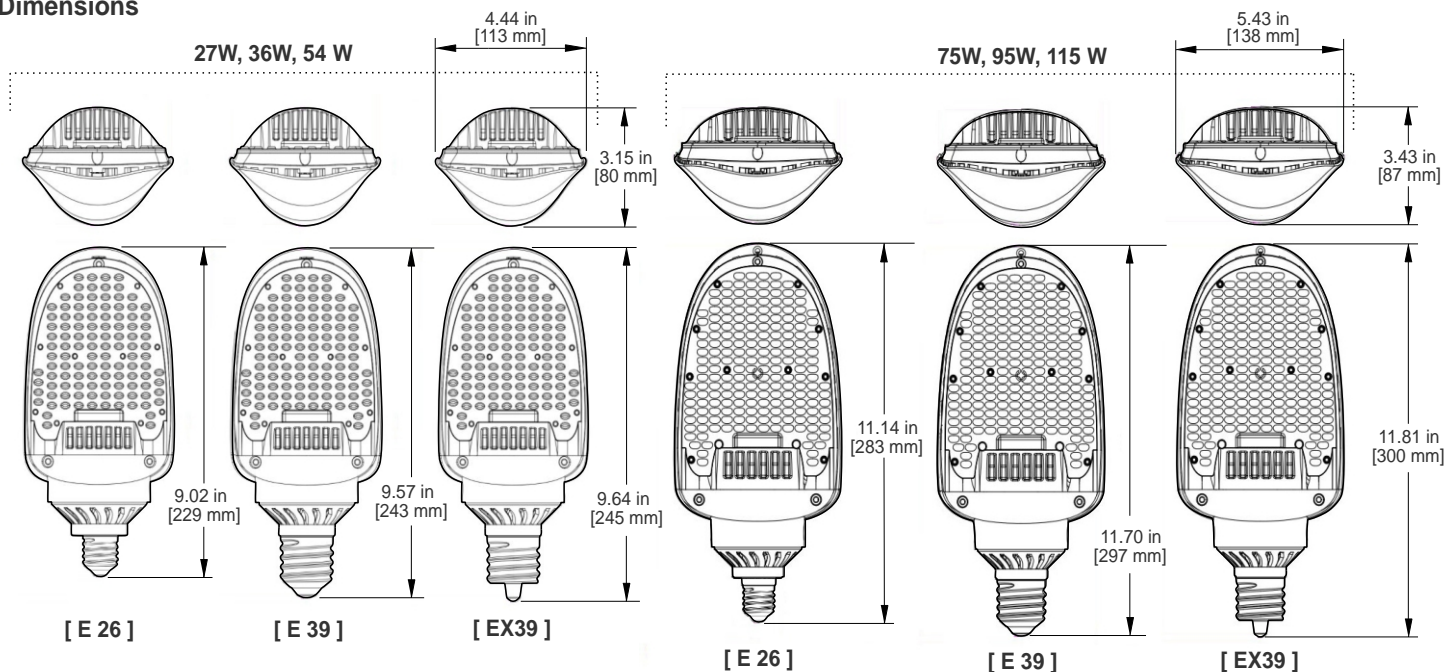
Driver Info

Input Voltage: AC100-277V
Operating Temperature: -4 F (-20 C) to 113 F (45 C)
Operating Humidity: 20% to 75% RH
Wattage: 27W, 36W, 54W, 75W, 95W, 115W

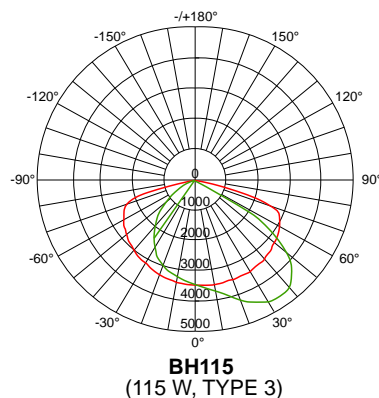
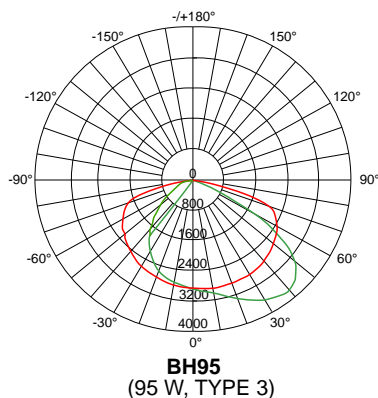
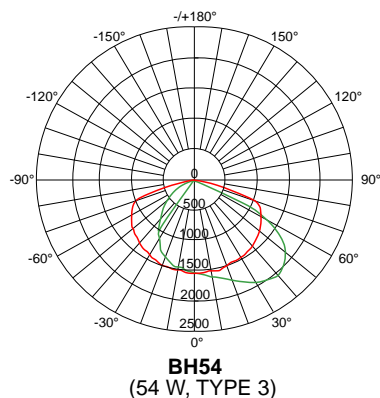
Ordering Matrix

Family	Watts	Lamp Base	Distribution Type	Color Temperature
BH	115	M	3	5000
	27 = 27W	E = E26	3 = TYPE 3	4000 = 4000K (natural white)
	36 = 36W	M = E39	5 = TYPE 5	5000 = 5000K (daylight)
	54 = 54W	P = EX39		5700 = 5700K (cool white)
	75 = 75W			
	95 = 95W			
	115 = 115W			

Dimensions



Polar Candela Distribution



Illuminance at Distance

BH54 (54 W, TYPE 3)

Distance	Center Beam	Beam Width	Beam Length
5 ft	27.6 fc	101 ft	56 ft
10 ft	7.2 fc	130 ft	71 ft
15 ft	3.4 fc	151 ft	80 ft
20 ft	1.9 fc	162 ft	88 ft
25 ft	1.5 fc	176 ft	96 ft

BH95 (95 W, TYPE 3)

Distance	Center Beam	Beam Width	Beam Length
5 ft	44.2 fc	121 ft	68 ft
10 ft	11.8 fc	154 ft	85 ft
15 ft	5.5 fc	182 ft	95 ft
20 ft	3.1 fc	203 ft	103 ft
25 ft	2.0 fc	221 ft	112 ft

BH115 (115 W, TYPE 3)

Distance	Center Beam	Beam Width	Beam Length
5 ft	66.7 fc	124 ft	71 ft
10 ft	17.1 fc	157 ft	90 ft
15 ft	7.7 fc	185 ft	101 ft
20 ft	4.3 fc	205 ft	111 ft
25 ft	2.8 fc	222 ft	120 ft