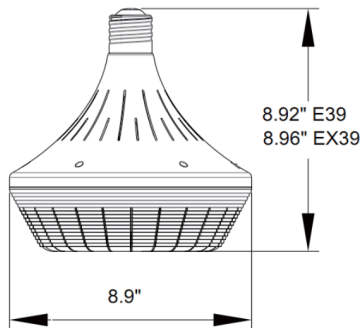


## LED CORN BULB LIGHT

### Hi-Bay Retrofits 100W, 120W, 150W



Dimension:



Hi-Bay Fixture for DLC Testing



#### DLC Testing Data

PART #	CCT	W	LM/W	Total LM	V
BWHB-100-E(X)39	2700K	98.2	105.93	10402	120V
	3000K	98.41	107.95	10623	
	4000K	98.41	112.44	11065	
	5000K	98.41	116.93	11507	
	5700K	98.62	118.92	11728	
BWHB-120-E(X)39	2700K	117.2	107.61	12612	120V
	3000K	117.4	109.86	12897	
	4000K	117.4	114.7	13466	
	5000K	117.4	119.55	14035	
	5700K	117.6	121.76	14319	
BWHB-150-E(X)39	2700K	150.3	107.07	16093	120V
	3000K	149.9	109.81	16460	
	4000K	149.9	114.71	17195	
	5000K	149.9	119.61	17929	
	5700K	149.5	122.38	18296	

#### PRODUCT DESCRIPTION:

The E2 LED Corn Bulb is the ideal LED solution with an efficient, unique design that offers 360° seamless illumination. New optics increase light output and efficacy to reduce shadows and create safe, brightly-lit environments for urban secondary roads, residential roads, sidewalk lighting, landscape lights, road lights, plant lights, garden lights, indoor lighting such as wall lamp, chandeliers and other applications. UL classified/recognized, UL listed, DLC listed and RoHS compliant.

#### FEATURES:

- Samsung 2835 chips, >20000lm for 150W
- Replaces 250W-600W HID lamp
- E39 or EX39 base available
- Direct line voltage 100-277V-- bypass ballast
- Integral 4KV surge protection
- Double cooling-cold forging kit + sunon fan
- Unique structure design to minimize dust intrusion
- Directional optical design maximizes the best lighting performance
- Tripple temperature control against over-heating
- Plug & play safety cable included
- UL listed for damp locations

#### APPLICATION:

- Mogul (E39) Screw-Base Replacements for HID Lamps
- Warehouse, Convention centers, up to 25ft mounting height
- Indoor lighting such as Highbays and other Applications

#### TESTED DATA:

- Technical Requirements Version: 4.2
- Classification: Standard
- Light Output: 11728lm, 14035lm, 18296lm
- Wattage: 100W, 120W, 150W
- Efficacy: 120+ lm/W
- Power Factor: 0.99
- CCT: 2700-5700 K
- CRI: 85.3
- THD: 12.63%
- Frequency: 50-60Hz
- Input Voltage: 100-277V
- IP Rating: Damp listed
- Working Environment: -40°F-113°F
- Beam Angle: 120°
- Dimming Compatible: No
- Mercury Content: No Hg
- Lens: Polycarbonate

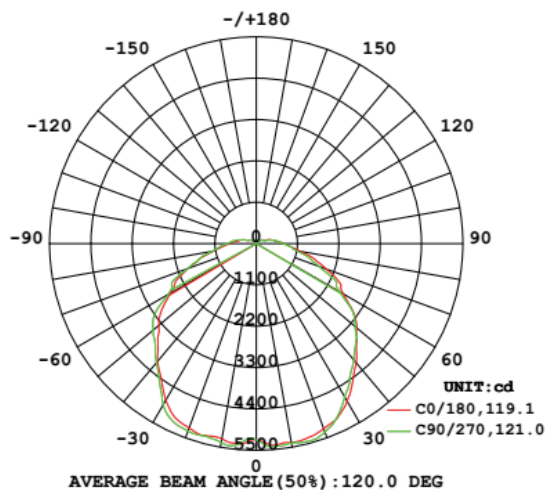
#### WARRANTY:

E2 warrants that our 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 see our complete warranty terms located at [www.e2lightingusa.com](http://www.e2lightingusa.com).

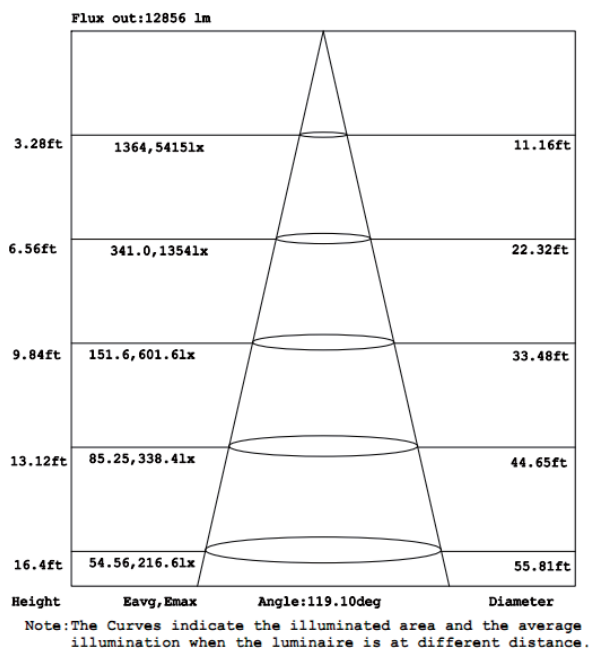
## Product Performance

PART #	POWER (W)	LUMEN (LM)	BASE	V	CCT	CRI	Operating Temp	BEAM ANGLE	Life Hrs	Replaces HID
BWHB-100-E(X)39	100	13000	E39/EX39 Mogul	100-277V	2700-5700K	>80	-40~+113°F -40~+45°C	120°	50,000hrs	250W
BWHB-120-E(X)39	120	16000	E39/EX39 Mogul	100-277V	2700-5700K	>80	-40~+113°F -40~+45°C	120°	50,000hrs	400W
BWHB-150-E(X)39	150	20000	E39/EX39 Mogul	100-277V	2700-5700K	>80	-40~+113°F -40~+45°C	120°	50,000hrs	600W

## Light Intensity Distribution Diagram



## Isolux Diagram



## Packing

Model	Case Qty	Case G.W.	Case N.W.	Inner Box Size	Outer Carton Size
100W-150W	4pcs	10.84kgs 23.9lbs	6.64kgs 14.64lbs	10.83*10.83*11.1" (275*275*282mm)	22.25*22.25*12" (565*565*305mm)