

# Corn Bulb

Designed to replace inefficient metal halide light bulbs, the Corn Bulb emits clean bright light in all directions. The Corn Bulb employs LG5630 LED chips with an excellent efficacy of 135 lm/W.

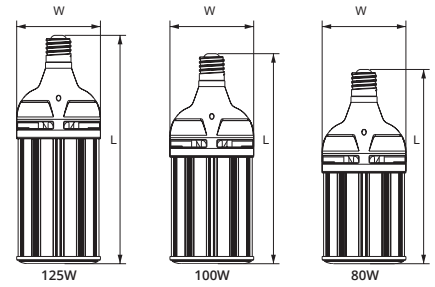
Its 50,000-hour life span makes Big Shine Corn Bulb a perfect choice for hard-to-reach fixtures, as maintenance and replacement are kept to a minimum.

## APPLICATIONS

Tunnels, Gas Stations, Factories, Warehouses, etc.



## DIMENSIONS



Base Type	125W (WxL)	100W (WxL)	80W (WxL)
E39	5.12" x 14.06"	5.12" x 12.72"	5.12" x 11.54"
EX39	5.12" x 14.13"	5.12" x 12.80"	5.12" x 11.61"

## MODEL OPTIONS

Mftr	Fixture Type	Wattage	Name	Driver	Chip	Color	Beam Angle
BSL BIG SHINE LED	CB Corn Bulb	80W, 100W, 125W	CBB	GN Generic	LG	2700K-6500K	298°, 305°, 307°

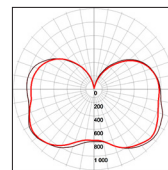
## TECHNICAL SPECIFICATIONS

	80W	100W	125W
Lumens	10400	13000	16250
Efficacy	130-135	130-135	130-135
CRI	>80	>80	>80
Voltage Input	100-277V	100-277V	100-277V
Voltage Output	28-35V	33-42V	36-47V
Amperage	2.4	2.5	2.68
Hertz	50-60Hz	50-60Hz	50-60Hz
Total Harmonic Dist.	22.93%	16.90%	24.40%
Dimmability	Non-Dimmable	Non-Dimmable	Non-Dimmable
Operating Temp.	-40~140°F	-40~140°F	-40~140°F
IP Rating	IP64	IP64	IP64
IK Level	IK08	IK08	IK08
Weight	4.25 lb	4.74 lb	5.40 lb
Lifetime	50,000 hrs	50,000 hrs	50,000 hrs

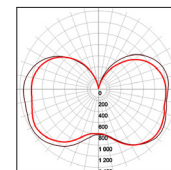
## FIELD & BEAM ANGLES

MODEL	Beam	Height vs. Illuminance (Ft vs Lux)		
	Angle	9.8 ft	19.7 ft	29.5 ft
BSL-CB80-CBB-GNLG-5000K-298	298	84.7	21.2	9.4
BSL-CB100-CBB-GNLG-5000K-305	305	88.9	22.2	9.9
BSL-CB125-CBB-GNLG-5000K-307	307	110.9	27.7	12.3

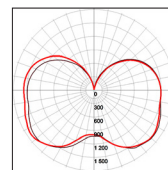
## PHOTOMETRICS



80W-5K-298°



100W-5K-305°

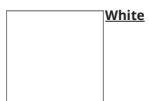


125W-5K-307°

## MOUNTING OPTION

Base Type: E39 / EX39

## COLOR OPTIONS



White

\*Customized colors available upon RAL request. MOQ applies.