



The BIG “E” BULB
EG-200 180-watt



A Smart Green Solution for Replacement of Metal Halide Lamps

The “Big E Bulb” is a direct replacement for 400-watt Metal Halide or Pulse Start lamps. Simply screw the “Big E Bulb” into a MH fixture, no need to bypass the ballast. Major advantages of the “Big E Bulb” are high lumens maintenance, instant start up and restrike, no color change, better color temperature, higher CRI, cooler running temperature and energy savings. Cost savings is two-fold: less electricity than running a MH fixture and lower labor cost to bypass the ballast. The “Big E Bulb” will also work in a fixture without a ballast on AC 277V. The spiral design is created for higher lumen efficiency than a normal U shape CFL.

Features and Benefits

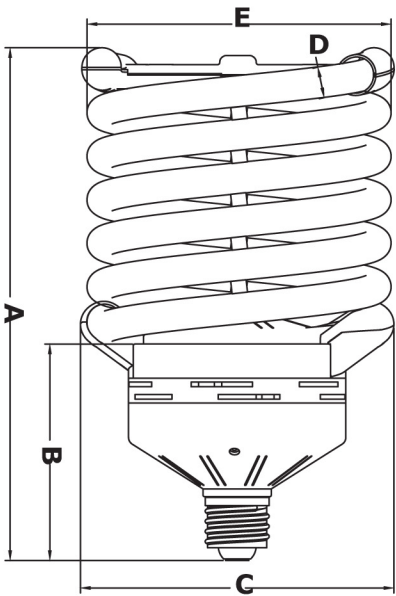
(Note: Will not work with electronic ballast)

- Direct replacement for Metal Halide & Pulse Start lamps
- 55% energy savings
- Instant start-up and restrike
- High lumens maintenance over the bulb life
- Better color rendition (84)
- No change in lamp color
- 90% less heat than Metal Halide lamps
- Less Mercury content than Metal Halide lamps
- 18 month warranty
- UL & CUL Listed and Approved

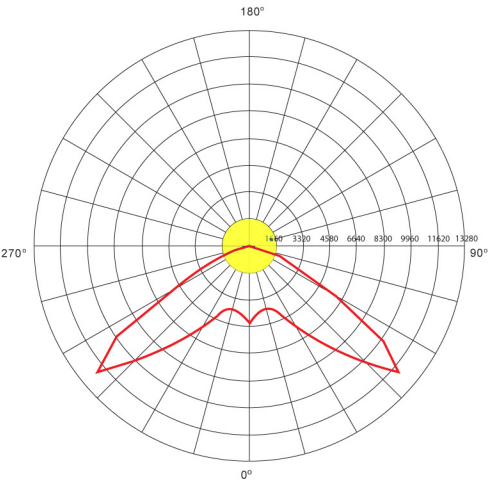
Watts	180 W
Lamp Tube Type	Twin Spiral 0.78" Dia.
Main Voltage Scope	260 - 325V
Input Current	650 mA
Main Frequency	60 Hz
Power Factor	> 0.9
Lumens	12,600 LM
Scotopic Lumens	24,696 LM
Lumen Per Watts	70 LPW
Color Temperature	5000K
CRI	84
Ideal Temperature	32°F to 113°F
Starting Temperature	0°F to 135°F
Base	E39
Life	15,000 hours

Lamp Dimensions

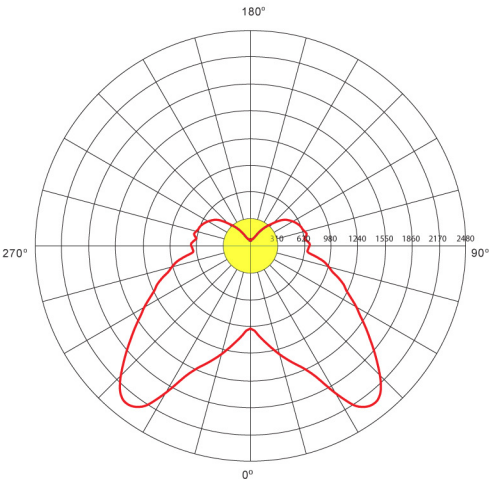
Item	Wattage	A ±0.2"	B ±0.08"	C ±0.08"	D ±0.08"	E ± 0.16"	Base type
EG200	180W	14.56" (370mm)	5.31" (135mm)	7.95" (202mm)	0.78" (20mm)	7.71" (196mm)	E39



Light Distribution Curve Comparison



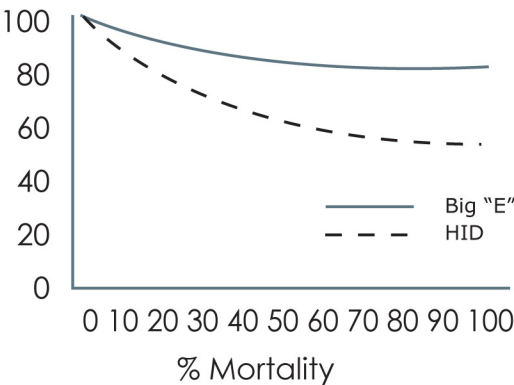
Metal halide lamp




Big E Bulb

Lumens Maintenance Curve

% Depreciation



**WARNING**

ANSI Luminaire Code 0
OPEN FIXTURE permissible

The following instructions must be complied with to avoid risk of personal injury, property damage and poor lamp performance.

THERE IS A RISK OF PERSONAL INJURY, PROPERTY DAMAGE, BURNS AND FIRE. TO REDUCE THESE RISKS:

1. Only operate with compatible ballasts and fixtures.
2. Only operate lamp in designated operating positions.
3. Never expose operating lamp to moisture (such as rain, sleet or snow).
4. Electrically insulate any metal support in contact with the outer glass bulb to avoid glass decomposition.

ELECTRICAL SHOCK AND BURN HAZARDS:
Do not remove or insert lamp while power is on.

CAUTION:
There is a risk of electric shocks. Use in dry locations only. Not for use in totally enclosed recessed fixtures. Not for use with dimmers. Not for use where exposed to the weather. Only use with Magnetic Ballasts and do not replace in High Pressure Sodium Ballasts.

AUTOCELL ELECTRONICS, INC. - BIG E BULB - 18 MONTH LIMITED WARRANTY
This light bulb is warranted to perform free from defects for 18 months in commercial use. If it fails to do so, you may return it with proof of purchase to P.O. Box 580071, Elk Grove, CA 95758-0002 for replacements. Do not discard lamp. Save the lamp until return instructions are sent to purchaser. The lamp will be needed to fill out the warranty form.