

LED CORN BULB

Project Information

Type _____

Name _____

Voltage _____

Product Description

Corn bulb Light is designed for traditional MH / HPS / Fluorescent bulbs replacement, used in indoor industrial/warehouse/commercial lighting applications. Aluminum Frame allow best thermal management. High-performance illumination that lasts 50,000HRS. It's ideal for replacing 60-400W MH / HPS / Fluorescent, with typical energy savings of 80%.



Application:

Widely used in replacing traditional light sources in fixtures, good for enclosed fixtures.



Electric Characteristic

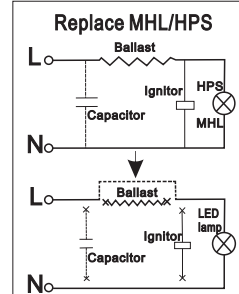
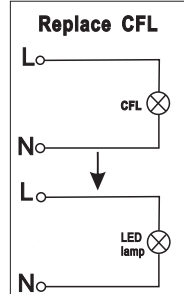
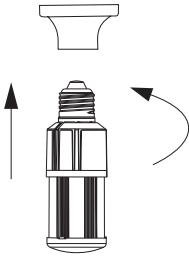
| Specification/Model | LS-CR30W | LS-CR40W | LS-CR60W | LS-CR80W | LS-CR100W | LS-CR120W | LS-CR150W | |
|------------------------|--------------------|----------------|-----------------|------------------|-----------------|-----------------|-----------------|---------|
| LED Chips | EPISTAR SMD 2835 | | | | | | | |
| Input power | 30W | 40W | 60W | 80W | 100W | 120W | 150W | |
| Lumens output | Clear | 3900LM | 5200LM | 7800LM | 10800LM | 13000LM | 15600LM | 19500LM |
| | Frosted | 3300LM | 4400LM | 6600LM | 9200LM | 11500LM | 13800LM | 17250LM |
| Efficiency | Clear: 130LM/W | | | Clear: 130LM/W | | | | |
| | Frosted: 110LM/W | | | Frosted: 115LM/W | | | | |
| CRI | >80Ra | | | | | | | |
| Color Temperature | 3000/4000/5000K | | | | | | | |
| Input voltage | 100-277V UL Driver | | | | | | | |
| Lighting beam Angle | 360D | | | | | | | |
| Waterproof Rating | IP 64 | | | | | | | |
| Operation | Ballast Bypass | | | | | | | |
| Enclosed Fixture Rated | YES | | | | | | | |
| UL Damp Location | YES | | | | | | | |
| Base | E26/E39 | | | E39 | | | | |
| Certificates | UL,CUL,DLC | | | | | | | |
| Equivalent | 60-100W MH/HPS | 80-150W MH/HPS | 120-175W MH/HPS | 150-250W MH/HPS | 200-250W MH/HPS | 200-400W MH/HPS | 300-400W MH/HPS | |

Ordering Information

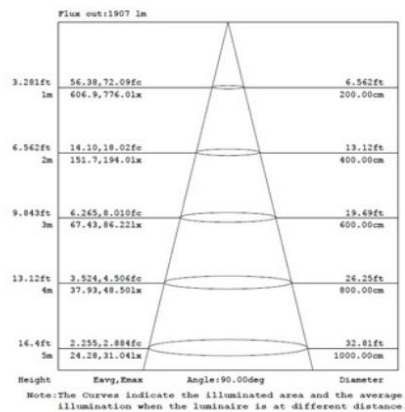
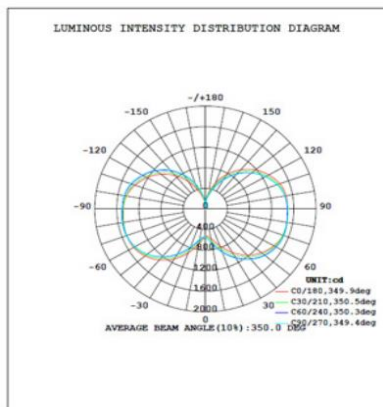
Example: LS-CR30W-30K-N-T

| Product | Power | Replacement | Color Temperature | Photocell | Furnish |
|-----------|-------|-----------------|-------------------------------------|---------------|---------|
| LS-CR30W | 30W | 60-100W MH/HPS | 30K 3000K 40K 4000K 50K 5000K | N not dimming | T-Black |
| LS-CR40W | 40W | 80-150W MH/HPS | | | |
| LS-CR60W | 60W | 120-175W MH/HPS | | | |
| LS-CR80W | 80W | 150-250W MH/HPS | | | |
| LS-CR100W | 100W | 200-250W MH/HPS | | | |
| LS-CR120W | 120W | 200-400W MH/HPS | | | |
| LS-CR150W | 150W | 300-400W MH/HPS | | | |

Installation Options



Photometrics

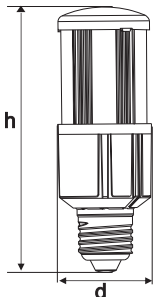


Projected LED Lumen Maintenance

| Operating hours | 0 | 25000 | 50000 |
|--------------------------|---|-------|-------|
| Lumen maintenance factor | 1 | 0.91 | 0.8 |

Data references the extrapolated performance projections for the Corn Bulb LED platform in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

Dimensions by inch



| Power Based | 30W | 40W | 60W | 80W | 100W | 120W | 150W |
|-------------|----------|-----------|-----------|-----------|-----------|-----------|---------|
| E26 D*H | φ3.6*8.2 | φ3.6*9.4 | φ3.6*10.4 | | | | |
| E39 D*H | φ3.6*9 | φ3.6*10.2 | φ3.6*11.2 | φ4.9*10.6 | φ4.9*11.4 | φ4.9*12.2 | φ4.9*13 |

After Sale Service

The product refers to electricians knowledge. Please don't disassemble it by yourself. If any quality problem happens, please contact the factory for warranty details.

NOTE: Actual performance may differ as a result of end-user environment and application. All values are without notice.