

# LED SION LED CORN BULB



## Project Information

Type

Name

Voltage

## Product Description

LED SION 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

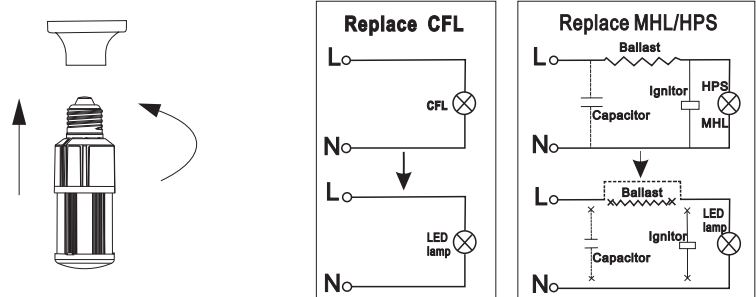
| Specification/Model    |         | LS-CR30W             | LS-CR40W       | LS-CR60W        | LS-CR80W             | LS-CR100W       | LS-CR120W       | LS-CR150W       |
|------------------------|---------|----------------------|----------------|-----------------|----------------------|-----------------|-----------------|-----------------|
| LED Chips              |         | EPISTAR SMD 2835     |                |                 |                      |                 |                 |                 |
| Input power            |         | 30W                  | 40W            | 60W             | 80W                  | 100W            | 120W            | 150W            |
| Lumens output          | Clear   | 3600-3900LM          | 4800-5200LM    | 7200-7800LM     | 10000-10800LM        | 12500-15000LM   | 15000-16200LM   | 18750-20250LM   |
|                        | Frosted | 3000-3300LM          | 4000-4400LM    | 6000-6600LM     | 8400-9200LM          | 10500-11500LM   | 12600-13800LM   | 15750-17250LM   |
| Efficiency             |         | Clear: 120-130LM/W   |                |                 | Clear: 125-135LM/W   |                 |                 |                 |
|                        |         | Frosted: 100-110LM/W |                |                 | Frosted: 105-115LM/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

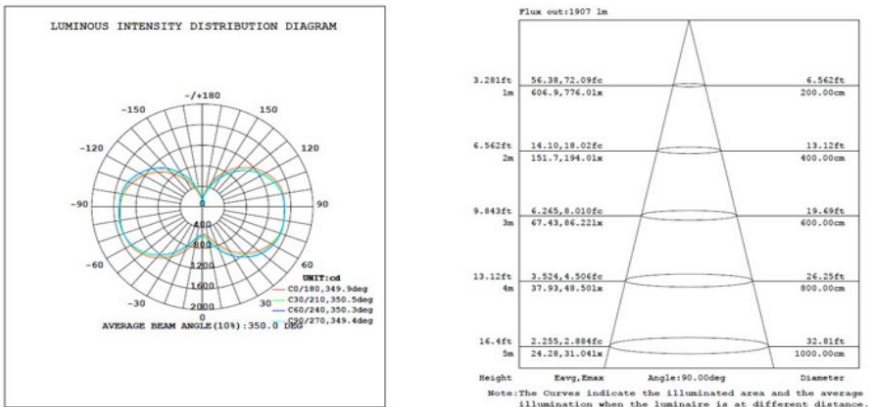
Example: LS-CR30W-30K-N-T

| Product   | Power | Replacement     | Color Temperature                   | Photocell     | Furnish |
|-----------|-------|-----------------|-------------------------------------|---------------|---------|
| LS-CR30W  | 30W   | 60-100W MH/HPS  | 30K 3000K<br>40K 4000K<br>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

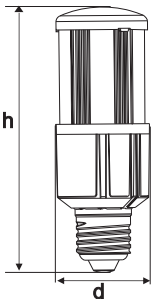


Projected LED Lumen Maintenance

| 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.