

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

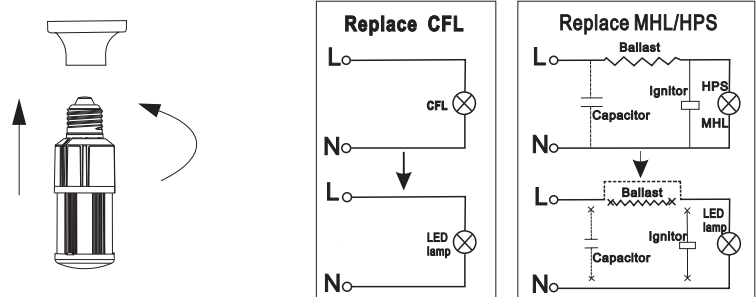
Specification/Model		LS-CR30W	LS-CR40W	LS-CR60W	LS-CR80W	LS-CR100W	LS-CR120W	LS-CR150W
LED Chips		EPISTAR SMD 2835						
Input power		30W	40W	60W	80W	100W	120W	150W
Lumens output	Clear	3600-3900LM	4800-5200LM	7200-7800LM	10000-10800LM	12500-15000LM	15000-16200LM	18750-20250LM
	Frosted	3000-3300LM	4000-4400LM	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

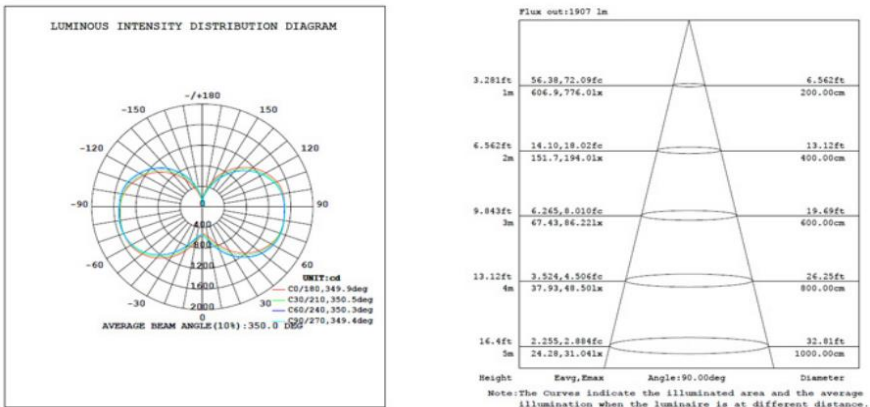
Example: LS-CR30W-30K-N-T

Product	Power	Replacement	Color Temperature	Photocell	Furnish
LS-CR30W	30W	60-100W MH/HPS	30K 3000K 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

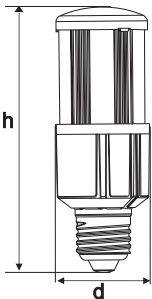


Projected LED Lumen Maintenance

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.