

## LED Corn Light Bulb

RGL-ARIES-S-CLW-VII-80W xxxx-xx

### Advantage

- UL, cUL certificate. DLC 5 Listed
- E39, EX39 lamp base options
- New 145 Lumen to Watt LEDs & 360 degree lighting.
- IP64 Waterproof Rating.
- Big heat sink, NO fans, cool running LEDs
- Ultra-Performance Driver with 6KV Surge Protection Built in
- Sealant poured driver and lamp plastic housing.
- Internal driver, input voltage AC100-277V, air gapped from LEDs.
- Sealant pouring for whole driver and lamp housing.
- New style and high efficient wide-range input. Long lifespan and good heat dissipation.
- Direct replacement for Metal Halide or HPS (ballast removal required), easy Installation, Fits many different fixtures



### Application

Widely used in high bay, shoeboxes, parking lots, warehouse, garage, offices, wall packs etc, etc

PRODUCT SPECIFICATIONS		
Product name	LED Corn Light Bulb – Aries S Series	
SKUs	E39: 33-446 (3000K) 33-440 (4000K) 33-434 (5000K) 33-428 (5700K)	
Part No	RG-ARIES-S-CLW	RG-ARIES-S-CLW
Lamp Base	E39	EX39
Dimension	Φ123 *246 MM	Φ123*249MM
Technical Characteristic		
Cover	Clear	
Color temperature	3000K、 3500K、 4000K、 4500K、 5000K、 5700K	
CRI	> 83	
Lumen-In Luminaires	10200-11500 LM	
Lumen Efficacy-In Luminaires	130-145 LM/W (clear)	
Input Power	80 W	
Viewing Angle	360 degree	
Input Voltage	AC100-277V 50/60Hz	
Power Factor and THD	>0.92 / <15%	
Equivalent	150W CFL, 250W MHL/HPS/HID	
Waterproof Rating	IP64	
MATERIALS		
LED Type	Samsung SMD2835	
LED QTY	240 PCS	
Housing	Aluminum + PC	
Housing color	Silver / White	
OTHERS		
Operating Temperature	-40°C TO 45°C	
Operating Humidity	20%-70% RH	
Storage Temperature	-40°C TO 80°C	
Storage Humidity	10%-75% RH	
Application	Indoor/Outdoor	
Safety Certification	UL、 CUL、 DLC	
Warranty Time	5 Year Rock Solid	



## DLC 5.0 Rated

Model# RGL-ARIES-H-CLW-VII-080WECA1-[E;EX]50K

Manufacturer: RuggedGrade  
Brand: RuggedGrade  
Technical Requirements Version: 5  
Date Qualified: 03/05/2020  
Product ID: PLWBL94S3SX5

### Categorization

Main: Mogul (E39) Screw-Base Replacements for HID Lamps  
General Application: High-Bay  
Primary Use: Replacement Lamps for High-Bay Luminaires (Type B)  
System Type: AC

Classification: standard  
Is Parent Product: No  
DLC Family Code: MMMSHX  
Listing Status: Listed

Reported Data

Zonal Lumens

Spacing Criteria

Product Features

Version History

Family Data

Light Output: 9469.7 lm  
Wattage: 78 W  
Voltage Range: 200 - 480 V  
Efficacy (AC): 121.41 lm/W  
Power Factor: 0.9  
CCT: 5000 K  
CRI: 80  
Total Harmonic Distortion: 15 %



**LIGHT DISTRIBUTION TESTING PARAMETERS**

Remark: The testing data comes directly from the product test.

**Luminaire Property**

Luminaire Manufacturer:  
Voltage: 120.6 V  
Power: 79.95 W

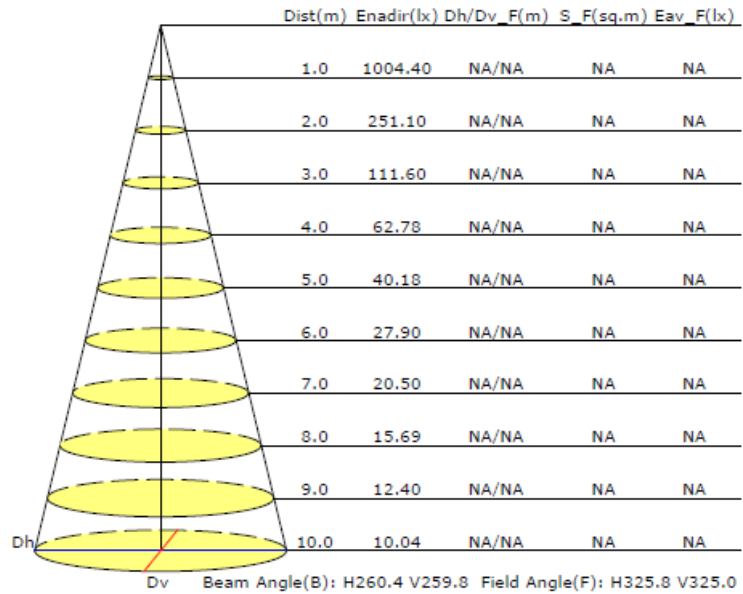
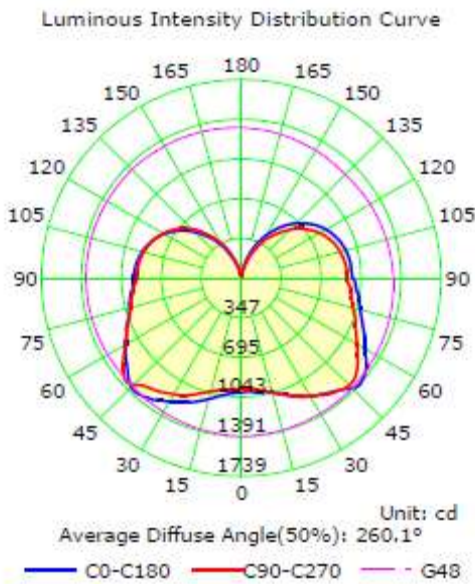
Current: 0.668 A  
Power Factor: 0.992

**Photometric Results**

CIE Class: Semi-Direct  
Measurement Flux: 11533.5 lm  
Downward Ratio: 62%  
Horizontal Diffuse Angle(50%): H261.5  
Vertical Diffuse Angle(50%): V260.6  
Luminaire Efficacy Rating (LER): 144.31  
Max. Intensity: 1391.72 cd  
S/MH(C0/C180): 1.94

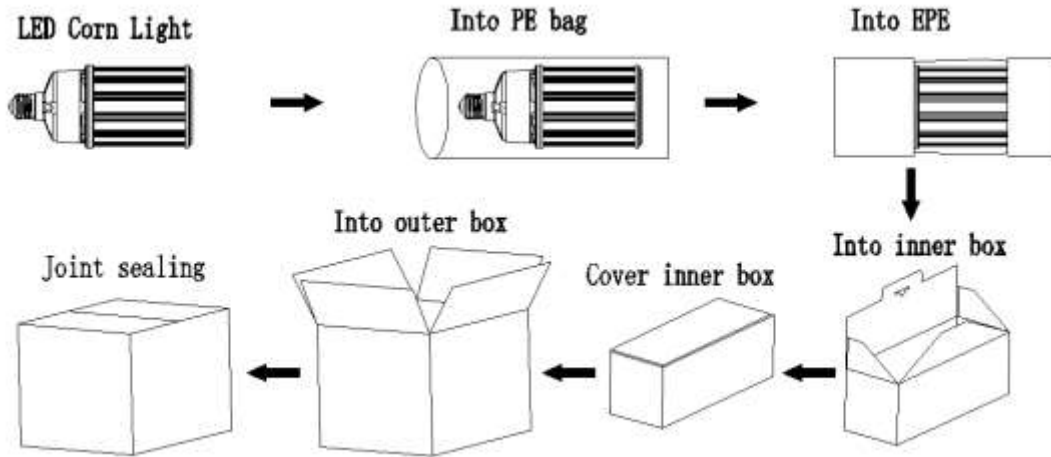
Total Rated Lamp Lumens: 11533.5 lm  
Efficiency: 100%  
Upward Ratio: 38%  
Central Intensity: 1004.4 cd  
Pos of Max. Intensity: H0 V48  
S/MH(C90/C270): 1.95

**Illuminance at a Distance(Field Angle)**



## PACKAGE

	Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Inner box	275*130*130 MM	1 PC	1.38 KG	1.54 KG
Outer box	405*275*295MM	6 PCS	8.28 KG	9.88 KG



## 80 WATT ARIES S SERIES LED CORN LIGHT BULB



## TROUBLE SHOOTING

Troubles	Check points
Flickering of the light	Turn off the power and turn on again in 3 minutes. If same phenomena occur, then call agencies.
Out of working	Please check the connection.