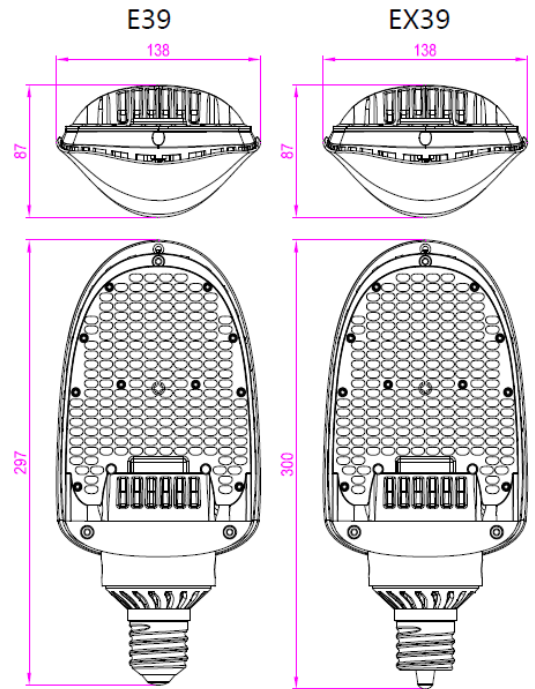




LED Corn Light Bulb – 115 watt
DLC: RG-CLH-115W1A1
SKU 33-165 (5000K), 33-171 (4000K)



1 Direction for Maximum Efficiency

Advantage

- UL、CUL、DLC certificate
- PHILIPS LUMILEDS chip, high CRI.
- 90*150 degree, TYPE III.
- Internal driver, input voltage AC100-277V.
- E39 base standard 、EX39 lamp base. (EX39 is custom order)
- Lamp Base: 270 degree rotated.
- Single SUNON fan.
- New style and high efficient wide-range input.
- Long lifespan and good heat dissipation.
- Direct replacement for Metal Halide, easy Installation.
- Fits many different fixtures to replace traditional lamps.

Application

Replacement Lamps for Outdoor Pole/Arm-mounted Area and Roadway Luminaires(Type B).

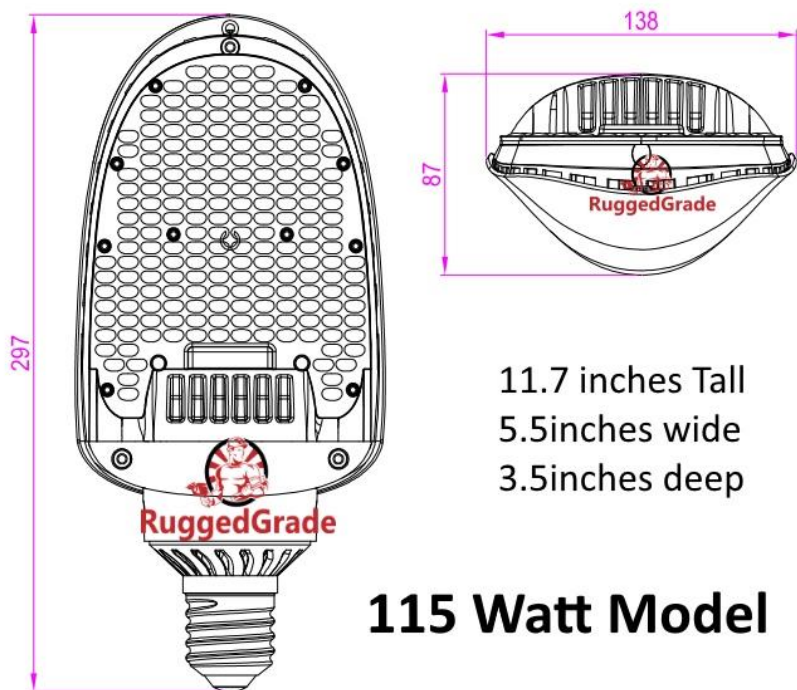
DLC Listed LED Corn Light Bulb

Model# RG-CLH-115W1A1-E 5000K				
Manufacturer: RuggedGrade Brand: RuggedGrade Technical Requirements Version: 4.2 Date Qualified: 09/19/2017 Product ID: PL779RUYTUQF				
Categorization				
Main: Mogul (E39) Screw-Base Replacements for HID Lamps General Application: High Output Primary Use: Replacement Lamps for Outdoor Pole/Arm-mounted Area and Roadway Luminaires (Type B)		Classification: Standard Is Parent Product: No DLC Family Code: CCCETT Dimming Status: NotDimmable Listing Status: Listed		
Reported Data	Zonal Lumens	Spacing Criteria	Version History	Family Data
Light Output: 12819 lm Wattage: 113 W Efficacy: 113.44 lm/W Power Factor: 0.9 CCT: 5000 K CRI: 73.1 Total Harmonic Distortion: 17.92 %				

PRODUCT SPECIFICATIONS		
Product name	LED Retrofit LED Corn Light Bulb	
DLC Part No	RG-CLH-115W1A1-E	RG-CLH-115W1A1-EX
Lamp Base	E39	EX39
Dimension	297*138*87 MM	300*138*87 MM
Technical Characteristic		
Color temperature	4000K、 5000K、 5700K	
CRI	> 70	
Lumen-In Luminaires	12500-13500 LM	
Lumen Efficacy-In Luminaires	110-125 LM/W	
Input Power	115W	
Viewing Angle	90*150degree(TypeⅢ)	
Input Voltage	AC100-277V 50/60Hz	
PFC	>0.9	
Equivalent	200W CFL , 400W MHL/HPS/HID	
Waterproof Rating	IP51	
MATERIALS		
LED Brand	PHILIPS LUMILEDS	
LED Type	LUXEON 3030 2D (1.5W)	
LED QTY	196 PCS	
Housing	Magnesium Alloy+AL+PC	
Housing color	Black+Silver	
OTHERS		
Operating Temperature	-20℃ TO 45℃	
Operating Humidity	20%-70% RH	
Storage Temperature	-30℃ TO 80℃	
Storage Humidity	10%-75% RH	
Application	Replacement Lamps for Outdoor Pole/Arm-mounted Area and Roadway Luminaires	

TECHNICAL DATA SHEET

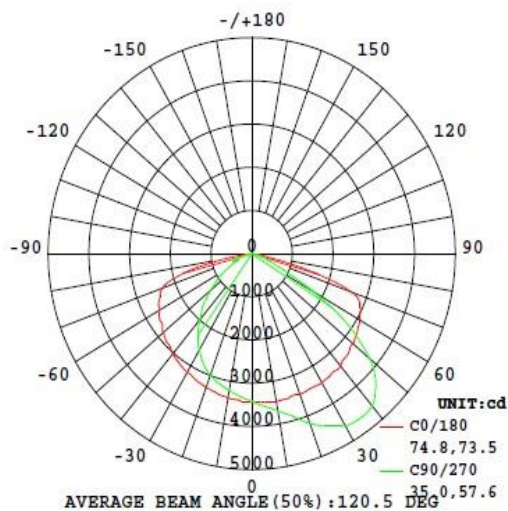
Safety Certification	UL, CUL, DLC
Warranty Time	5 Years



Remark: The testing data comes from the product in luminaires.

DATA OF LAMP		PHOTOMETRIC DATA Eff: 113.44 lm/W			
MODEL		I _{max} (cd)	4765	S/MH (C0/180)	1.40
NOMINAL POWER (W)	115	LOR (%)	100.0	S/MH (C90/270)	1.14
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	12819	η UP, DN (C0-180)	0.1, 63.9
NOMINAL FLUX (lm)	12819.3	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.1, 35.9
LAMPS INSIDE	1	η up (%)	0.2	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	120.0	η down (%)	99.8	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Flux out: 6576 lm

Height	Beam Diameter	Beam Diameter
1m	1952,35451x	204.89cm
2m	488.0, 886.21x	409.78cm
3m	216.9, 393.91x	614.67cm
4m	122.0, 221.61x	819.56cm
5m	78.08, 141.81x	1024.46cm
6m	54.22, 98.471x	1229.35cm
7m	39.84, 72.351x	1434.24cm
8m	30.50, 55.391x	1639.13cm
9m	24.10, 43.771x	1844.02cm
10m	19.52, 35.451x	2048.91cm

Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

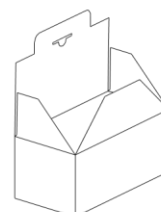
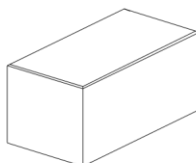
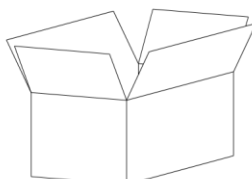
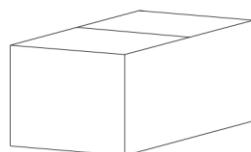
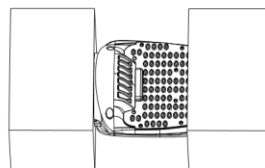
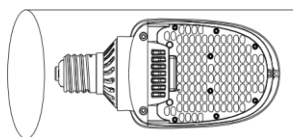
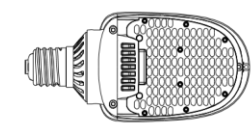
TECHNICAL DATA SHEET

Package

LED Retrofit Kit

Into PE bag

Into EPE



Joint sealing

Into outer box

Cover inner box

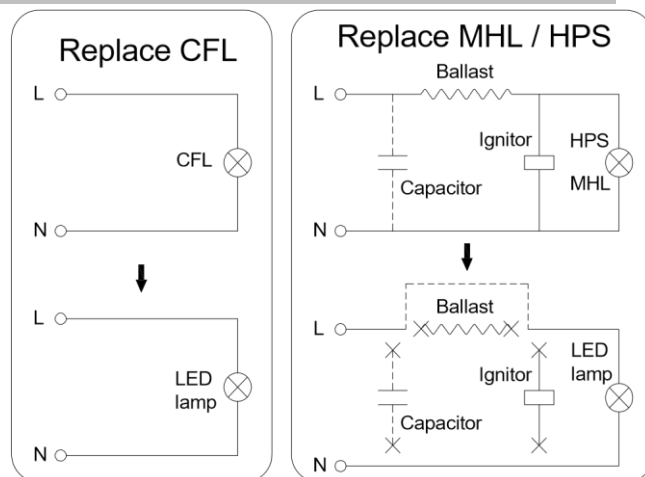
Into inner box

	Size	Qty/ Carton	Net Weight/ Carton	Gross Weight/ Carton
Inner box	340*160*110 MM	1 PC	1.31 KG	1.55 KG
Outer box	660*355*240 MM	8 PCS	10.5 KG	13.4 KG

Notice For User

- Please turn off power before install or change assembly parts.
- The input voltage and lamps should be matched, after connecting the power line, please make sure the wiring section is insulated.
- Make sure to remove or bypass the ballast in the fixtures before install the lamps.
- Suitable for damp locations. Do not use with dimmers.
- Suitable for use in enclosed luminaires, min. lamp compartment dimensions: 440*260*260MM.
- No-professionals, must not install and disassemble the lamps.

Trouble Shootings



Troubles	Check points
Flickering of the lamps	Turn off the power and turn on again in 3 minutes. If same phenomena occur, then call agencies