jaMes ®

NAME: LED Corn Light

P/N: EV-SLW-80WB1

Advantage

- UL、CUL certificate
- E39 lamp base
- Warm / Natural / Cool / Cold white
- 360 degree lighting, high CRI.
- IP64 Waterproof Rating
- Big heat sink, double SUNON fans.
- Can be with clear or frosted cover.
- Internal driver, input voltage AC100-277V.
- 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.
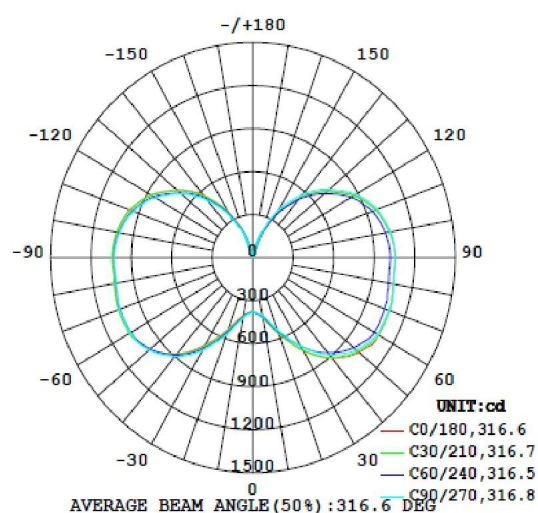
Application

Widely used in supermarket, warehouse, garage, home, office, hotel, hospital, school, street, garden etc.

PRODUCT SPECIFICATIONS		
Product name	LED Corn Light	
Light Type	Corn Light	
Part No	EV-SLW-80WB1	
Dimension	Φ126*272 MM	
Technical Characteristic		
Cover	Clear	Frosted
Color temperature	2700-6500K	
CRI	> 80	
Lumen	10000-10800 LM	8400-9200 LM
Lumen Efficacy	125-135 LM/W	105-115 LM/W
Input Power	80 W	
Viewing Angle	360 degree	
Input Voltage	AC100-277V 50/60Hz	
PFC	>0.9	
Equivalent	150W CFL , 250W MHL/HPS/HID	
Waterproof Rating	IP64	
MATERIALS		
LED Brand	EPISTAR	
LED Type	SMD2835	
LED QTY	560 PCS	
Housing	PC+AL	
Housing color	White+Grey	
OTHERS		
Operating Temperature	-20℃ TO 45℃	
Operating Humidity	20%-70% RH	
Storage Temperature	-30℃ TO 80℃	
Storage Humidity	10%-75% RH	
Application	Indoor/Outdoor	
Safety Certification	UL, CUL	
Warranty Time	5 Years	

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

DATA OF LAMP			PHOTOMETRIC DATA		Eff: 134.15 lm/W	
MODEL			Imax(cd)	1097	S/MH(C0/180)	2.84
NOMINAL POWER(W)	80		LOR(%)	100.0	S/MH(C90/270)	2.82
RATED VOLTAGE(V)	120		TOTAL FLUX(lm)	10652	η UP,DN(C0-180)	22.5,27.9
NOMINAL FLUX(lm)	10651.9		CIE CLASS	DIFFUSE	η UP,DN(C180-360)	21.7,27.9
LAMPS INSIDE	1		η up(%)	44.3	CIBSE SHR NOM	2.00
TEST VOLTAGE(V)	120		η down(%)	55.7	CIBSE SHR MAX	0.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

UNIT:cd
— C0/180,316.6
— C30/210,316.7
— C60/240,316.5
— C90/270,316.8

AVERAGE BEAM ANGLE(50%):316.6 DEG

Flux out:1317 lm

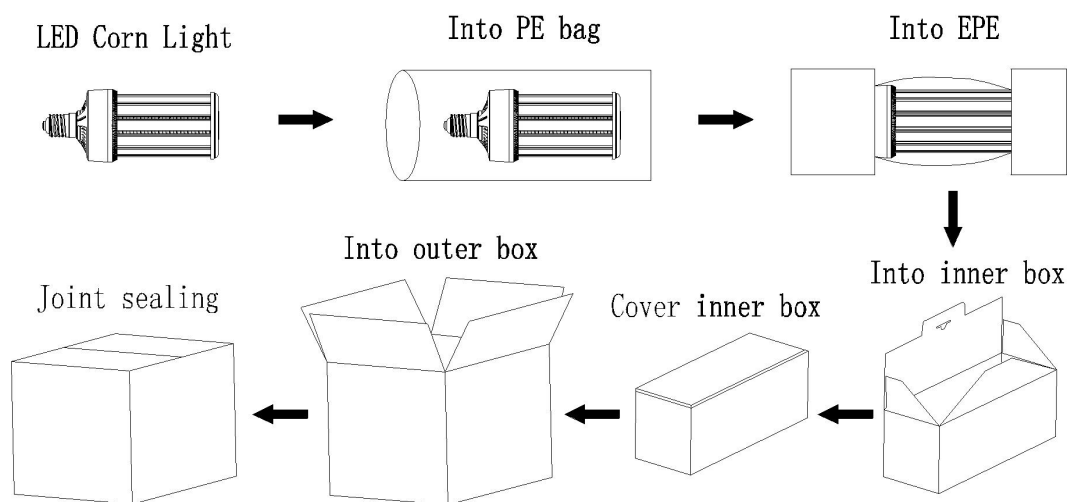| Height	Eavg,Emax	Angle:90.00deg	Diameter
2m	104.8,126.11x		400.00cm
3m	46.59,56.021x		600.00cm
4m	26.21,31.511x		800.00cm
6m	11.65,14.011x		1200.00cm
8m	6.552,7.8781x		1600.00cm
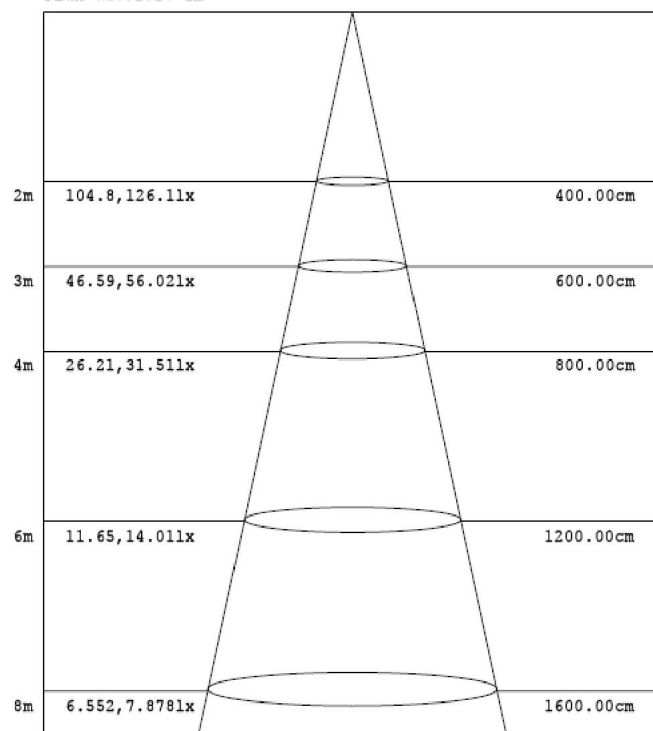
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Package

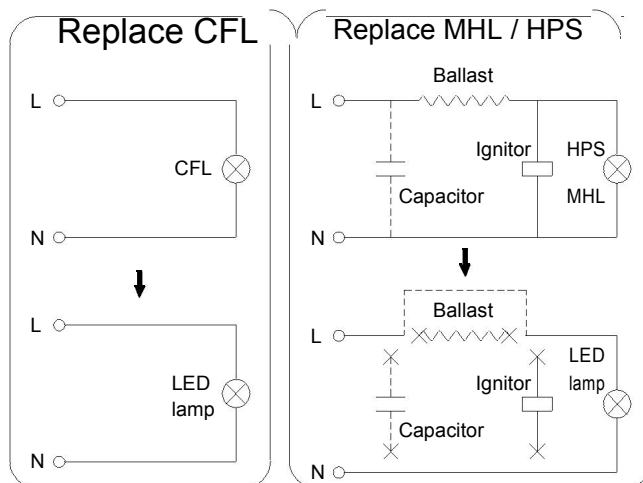**LED Corn Light** → **Into PE bag** → **Into EPE**

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Into inner box

Joint sealing ← **Into outer box** ← **Cover inner box** ←

	Size	Qty/ Carton	Net Weight/ Carton	Gross Weight/ Carton
Inner box	300*150*150 MM	1 PC	1.07 KG	1.27 KG
Outer box	465*315*320 MM	6 PCS	6.4 KG	8.4 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: 420*230*230MM.

● No-professionals, must not install and disassemble the lamps.

Replace CFL

L — CFL ⊗
N

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L — LED lamp ⊗
N

Replace MHL / HPS

L — Ballast — Ignitor — HPS ⊗
Capacitor — MHL
N

↓

L — Ballast — Ignitor — LED lamp ⊗
Capacitor
N

Contact