

**NAME:** LED Corn Light

**P/N:** CLW-100WA1

## Advantage

- CE, RoHS certificate
- E40 lamp base
- Warm / Natural / Cool / Cold white
- 360degree lighting, high CRI
- IP64 Waterproof Rating
- Big heat sink, double SUNON fans
- Can be with frosted cover
- Internal driver, input voltage AC100-240V
- No UV or IR in the beam
- Easy to install and operate
- Energy saving, long service life
- Light is soft and uniform, safe to eyes
- Instant start, NO flickering, NO humming
- Green and eco-friendly without mercury



## Application

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

**Prestlite Ireland Distribution Ltd.**

Phone : 00353-1-4541015  
[www.greenlamp.ie](http://www.greenlamp.ie)

Fax : 00353-14541005  
Email : [sales@presliteireland.com](mailto:sales@presliteireland.com)

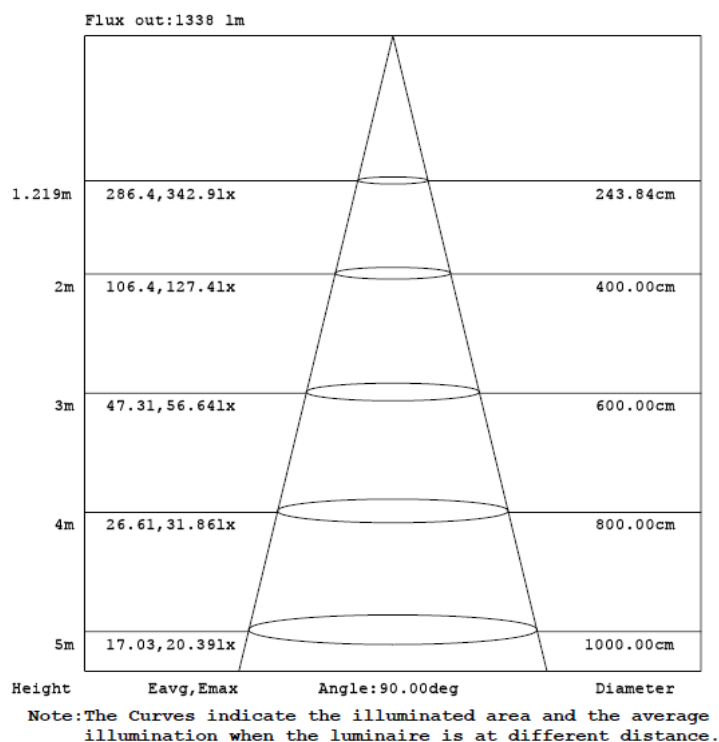
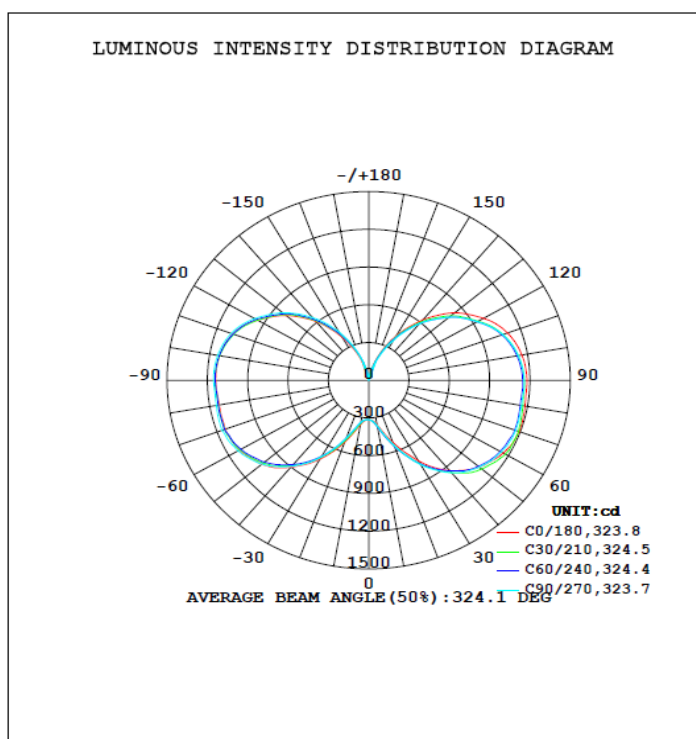
PRODUCT SPECIFICATIONS	
Product name	LED Corn Light
Part No	CLW-100WA1
Light Type	Corn Light
Dimension	Φ125*290 MM
Technical Characteristic	
Color temperature	2700-7000K
CRI	> 70
Lumen	10000-11500 LM
Lumen Efficacy	100-115 LM/W
Input Power	100 W
Viewing Angle	360 degree
Input Voltage	AC100-240V 50/60Hz
PFC	>90%
Equivalent	700W incandescent / 250W CFL
Waterproof Rating	IP64
MATERIALS	
LED Brand	EPISTAR
LED Type	SMD2835
LED QTY	728 PCS
Housing	PC+AL
Housing color	White
Cover	Clear PC
OTHERS	
Operating Temperature	-20°C TO 45°C
Operating Humidity	20%-70% RH
Storage Temperature	-30°C TO 80°C
Storage Humidity	10%-75% RH
Application	Indoor
Safety Certification	CE、RoHS
Warranty Time	3 Years

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DATA OF LAMP		PHOTOMETRIC DATA				Eff: 122.61 lm/W
MODEL		I <sub>max</sub> (cd)	1213	S/MH (C0/180)		3.15
NOMINAL POWER (W)	100W	LOR (%)	203.4	S/MH (C90/270)		3.16
RATED VOLTAGE (V)	230V	TOTAL FLUX (lm)	11751	η UP, DN (C0-180)		45.8, 56.0
NOMINAL FLUX (lm)	5776.27	CIE CLASS	DIFFUSE	η UP, DN (C180-360)		46.9, 54.8
LAMPS INSIDE	1	η up (%)	92.6	CIBSE SHR NOM		2.00
TEST VOLTAGE (V)	230V	η down (%)	110.8	CIBSE SHR MAX		0.00

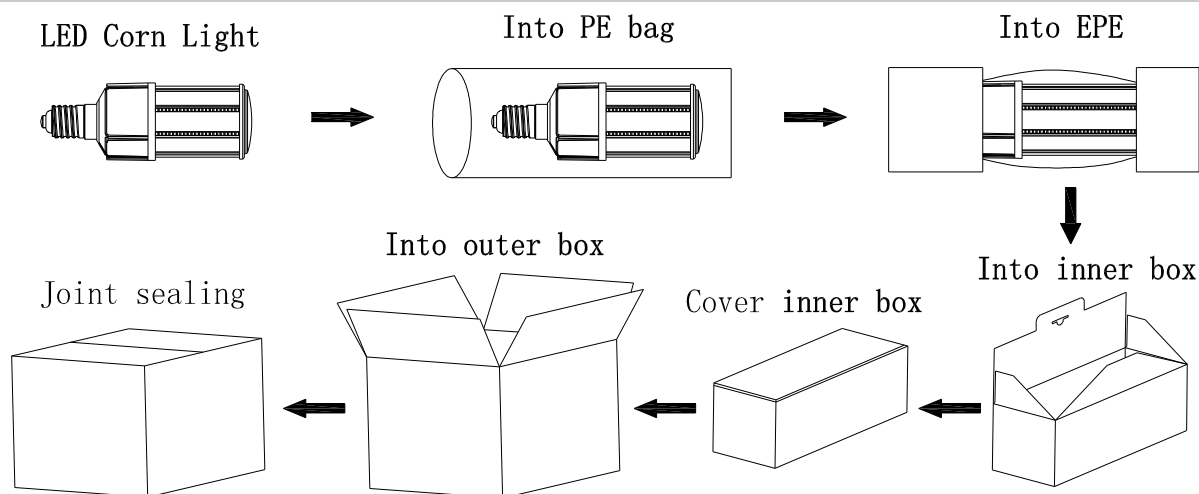


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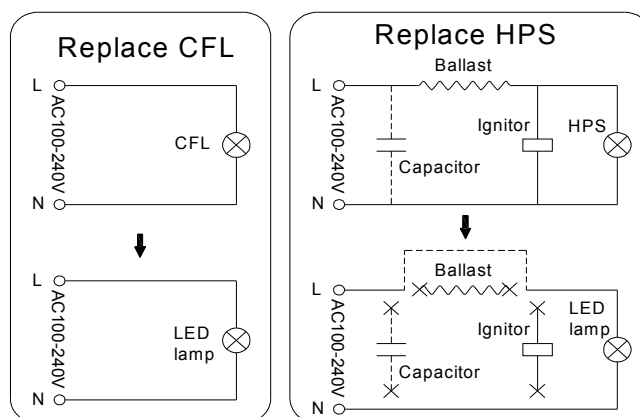
## Package



	Size	Qty/ Carton	Net Weight/ Carton	Gross Weight/ Carton
Inner box	320*150*150 MM	1	1.2 kg	1.4 kg
Outer box	630*470*340 MM	12	14.4 kg	18.2 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\*240\*240MM.
- 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
Out of working	Please check the connection

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