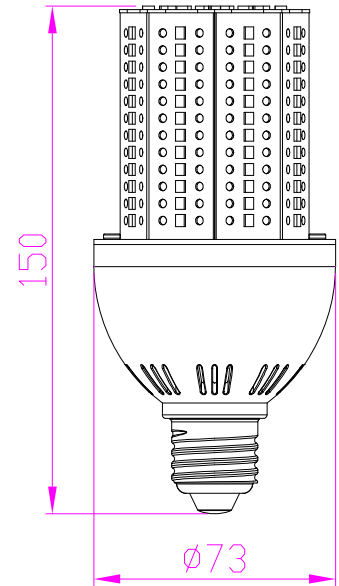


# TECHNICAL DATA SHEET

**UL** US  
LISTED  
E465717



**NAME:** LED Corn Light

**P/N:** CL-20WA2

## Advantage

- UL、CUL certificate
- E26 lamp base
- Warm / Natural / Cool / Cold white
- 360 degree lighting, high CRI.
- 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.

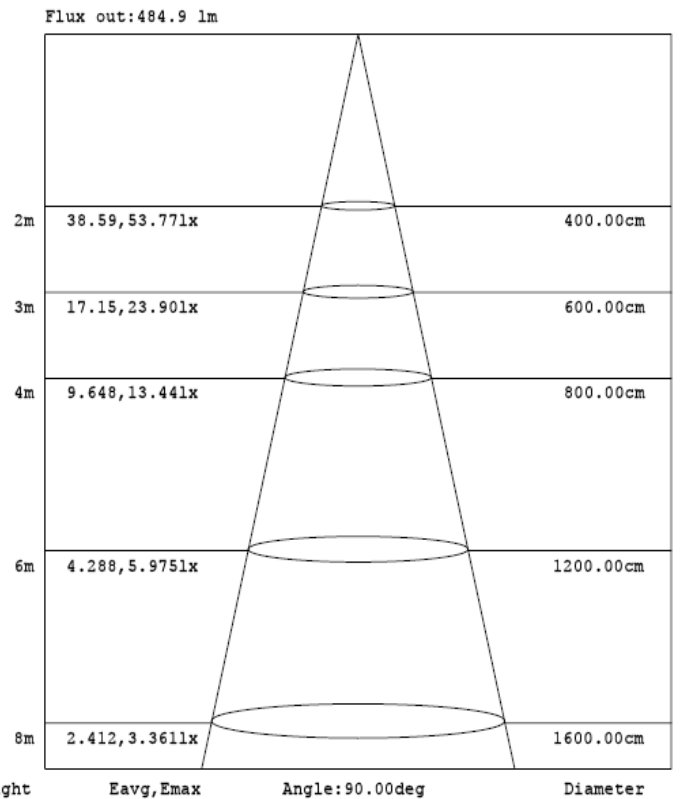
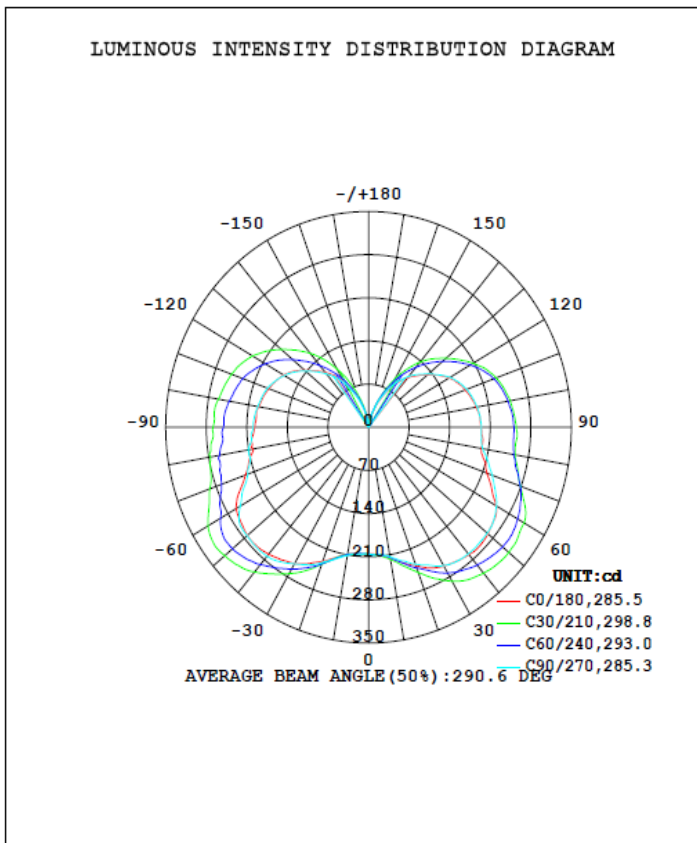
# TECHNICAL DATA SHEET

PRODUCT SPECIFICATIONS	
Product name	LED Corn Light
Light Type	Corn Light
Part No	CL-20WA2
Dimension	Φ73*150 MM
Technical Characteristic	
Color temperature	2700-6500K
CRI	> 80
Lumen	2400-2600 LM
Lumen Efficacy	120-130 LM/W
Input Power	20 W
Viewing Angle	360 degree
Input Voltage	AC100-277V 50/60Hz
PFC	>0.9
Equivalent	42W CFL , 70W MHL/HPS/HID
Waterproof Rating	IP40
MATERIALS	
LED Brand	EPISTAR
LED Type	SMD2835
LED QTY	108 PCS
Housing	PC+FR4
Housing color	White+Grey
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/Outdoor
Safety Certification	UL、 CUL
Warranty Time	5 Years

# TECHNICAL DATA SHEET

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

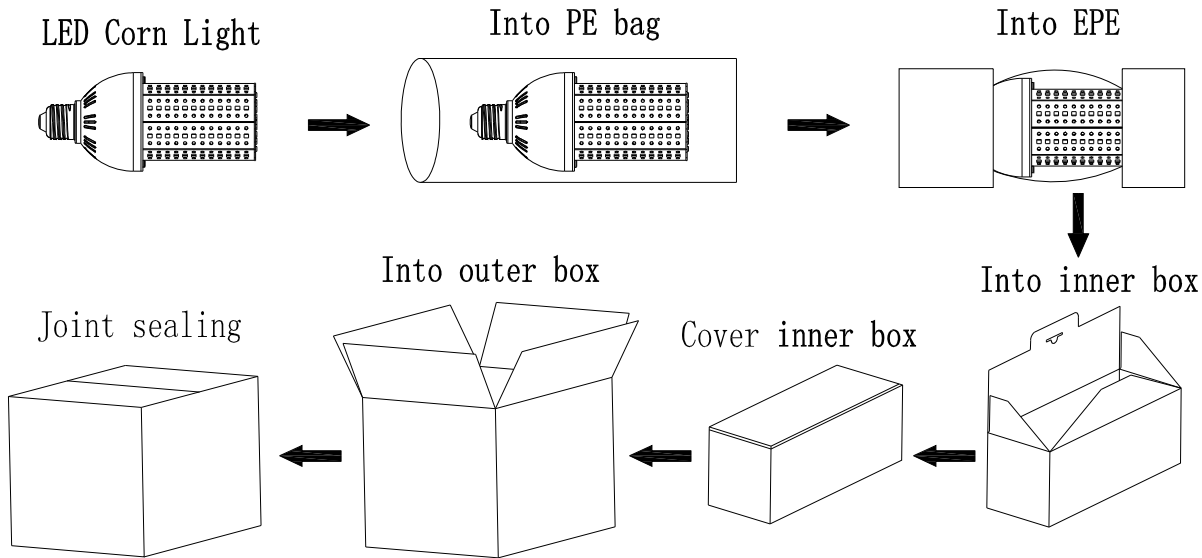
DATA OF LAMP		PHOTOMETRIC DATA    Eff: 135.96 lm/W			
MODEL		I <sub>max</sub> (cd)	327.5	S/MH (C0/180)	1.91
NOMINAL POWER (W)	20	LOR (%)	100.0	S/MH (C90/270)	1.92
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	2737.6	η UP, DN (C0-180)	19.3, 30.2
NOMINAL FLUX (lm)	2737.59	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	20.0, 30.4
LAMPS INSIDE	1	η up (%)	39.3	CIBSE SHR NOM	2.00
TEST VOLTAGE (V)	120	η down (%)	60.7	CIBSE SHR MAX	0.00



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

# TECHNICAL DATA SHEET

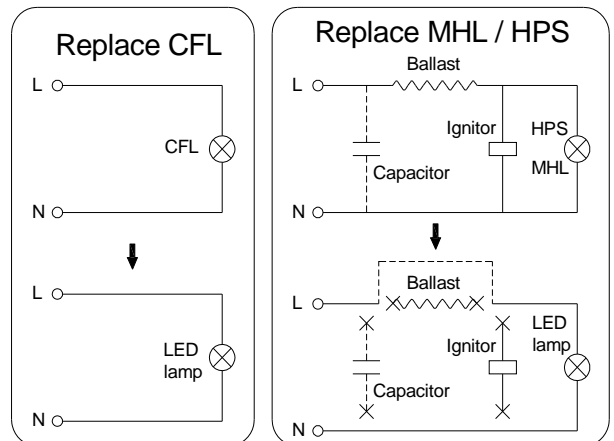
## Package



	Size	Qty/ Carton	Net Weight/ Carton	Gross Weight/ Carton
Inner box	190*100*100 MM	1 PC	0.14 KG	0.22 KG
Outer box	415*315*400 MM	24 PCS	3.4 KG	6.4 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.
- Use in dry location only. Do not use with dimmers.
- Suitable for use in enclosed luminaires, min. lamp compartment dimensions: 300\*200\*200MM.
- 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