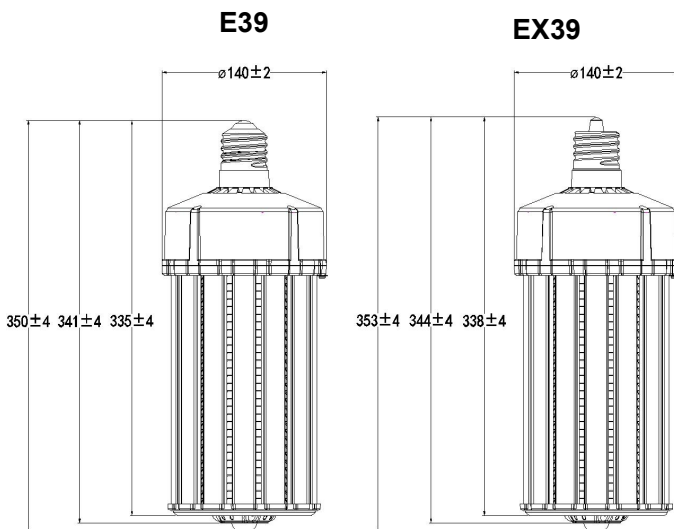


P/N: LW01252



DIMENSIONS



ADVANTAGE

- UL cUL certificate.
- E39 EX39 lamp base.
- 360 degree lighting.
- Can be with clear or frosted cover.
- Internal driver, input voltage AC120-277V.
- Meet 4KV surge immunity level
- Long lifespan and good heat dissipation ,With fan
- Direct replacement for Metal Halide, easy installation.
- Two dimming modes optional, continuous dimming, sensor dimming.
- Motion microwave sensor or motion PIR sensor optional, 0-10V continuous dimming.
- Fits many different fixtures to replace traditional lamps.

NOTICE FOR USER

- Please turn off power before installation or changing any 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.
- Recommended for use in an open environment.
- No-professionals must not install or disassemble the lamps.

APPLICATION

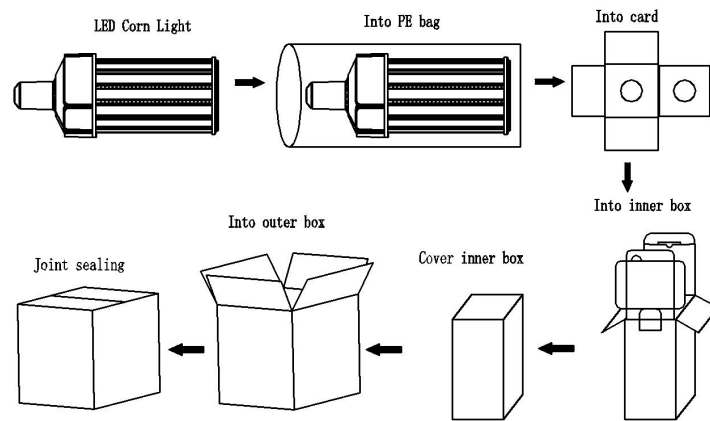
- Widely used in supermarket, warehouse, garage, home, office, hotel, hospital, school, street, garden etc.

SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	300W	
	Color Temperature	3000K	4000K~6500K
	Lumen (Tolerance : ±10%)	41100LM	43800LM
	Efficacy (Tolerance : ±3%)	137LM/W	146LM/W
	CRI	>80	
	Color Consistency	<6 Steps (or <6 SDCM)	
	Diffuser Type	clear or frosted PC	
	Viewing Angle (Tolerance : ±25%)	360 Degree	
ELECTRICAL	Input Voltage and Frequenc	120-277VAC 50/60Hz	
	PF (Tolerance : -3%)	≥0.9	
	THD (Tolerance : +5%)	≤20%	
	Flicker Percent	<5%	
	Driver Surge protection	L-N: 4kV	
	Dimmable	0-10V dimming standard (through manual knob on the lamp)	
	Sensor Type	Daylight Sensor, Occupancy Sensor, Multifunction Sensor, Integral Sensor Receptacle	
	Optional Accessory	Motion Mircowave sensor, Motion PIR sensor	
	Equivalent	600W MHL/HPS/HID	
MATERIALS	LED Brand	Lumileds	
	LED Type	SMD2835	
	LED QTY	874 PCS	
	Housing	PC + Aluminum	
	Housing Color	Any Colors	
	Waterproof Rating	DAMP (IP64)	
OTHERS	Operating Temperature	Without Motion Sensor: -40℃ TO 50℃; With Motion Sensor: -30℃ TO 50℃	
	Operating Humidity	20%-70% RH	
	Storage Temperature	-40℃ TO 80℃	
	Storage Humidity	10%-75% RH	
	Warranty Time	5 years	

PACKAGE

	Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Inner box	145*145*365 MM	1 PC	1.48 KG	1.67 KG
Outer box	450*305*385MM	6 PCS	8.9 KG	10.2 KG



LIGHT DISTRIBUTION TESTING PARAMETERS

Remark: The testing data comes directly from the product test.(5000K)

Luminaire Property

Luminaire Manufacturer:
Voltage: 118.2 V
Power: 301.39 W

Current: 2.556 A
Power Factor: 0.997

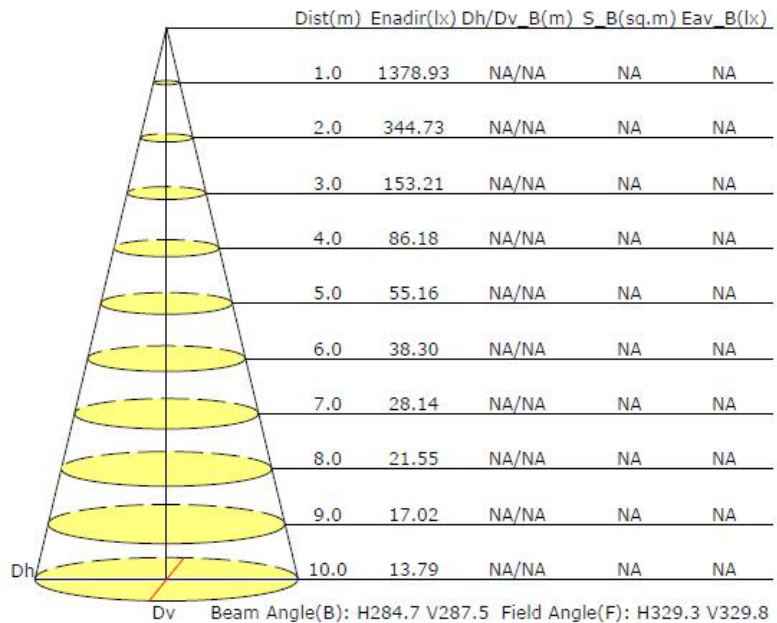
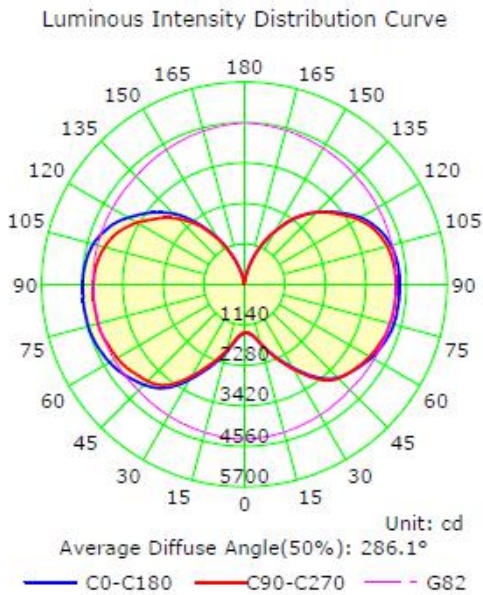
Photometric Results

CIE Class: General Diffuse
Measurement Flux: 44005.5 lm
Downward Ratio: 54%
Horizontal Diffuse Angle(50%): H285.9
Vertical Diffuse Angle(50%): V287.5
Luminaire Efficacy Rating (LER): 146.06
Max. Intensity: 4560.67 cd
S/MH(C0/C180): 3.05

Total Rated Lamp Lumens: 44005.5 lm
Efficiency: 100%
Upward Ratio: 46%

Central Intensity: 1378.93 cd
Pos of Max. Intensity: H180 V82
S/MH(C90/C270): 3.02

Illuminance at a Distance(Beam Angle)



TROUBLE SHOOTINGS

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.