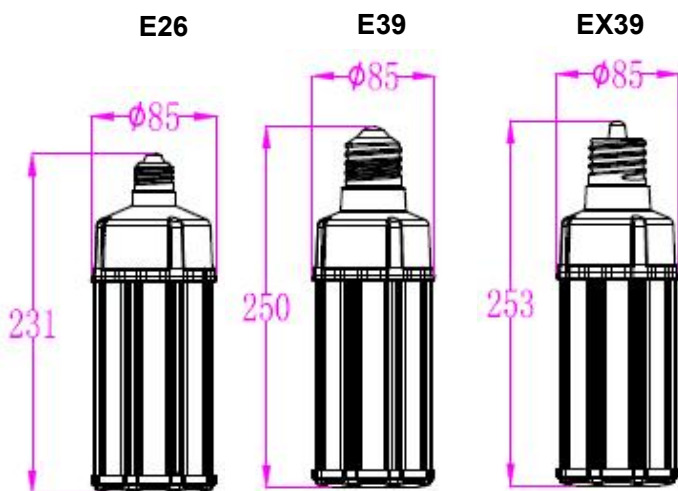




DIMENSIONS



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*210*210MM.
- ◆ No-professionals, must not install and disassemble the lamps.

P/N: AST-CLW08-054WXYA1-acK

Note:

AST= Company name

CLW08= Product series, LED Corn Light

05W = Rating Power

X = LED manufacturer, B =LUMILEDS

Y = Cover type, X=C, for Clear cover;

X=F, for Frosted cover

a= represent the lamp base type, can be "E" for E39, "EX" for EX39, BLANK for E26.

c=represents CCT, can be two digital..

ADVANTAGE

- UL cUL certificate.
- 360 degree lighting.
- Can be with clear or frosted cover.
- Big heat sink, NO fan.
- Internal driver, input voltage AC100-277V.
- Meet 4KV surge immunity level
- Long lifespan and good heat dissipation.
- Direct replacement for Metal Halide, easy installation.
- Fits many different fixtures to replace traditional lamps.

APPLICATION

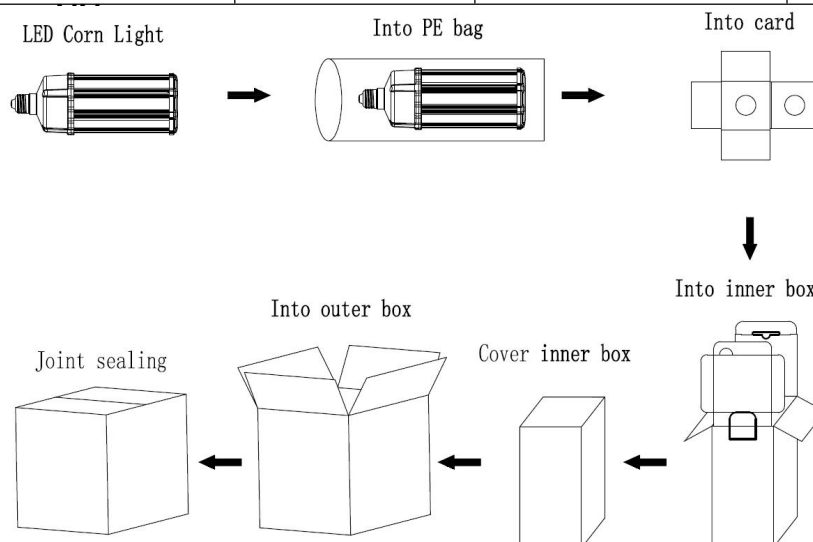
- Widely used in supermarket, warehouse, garage, home, office, hotel, hospital, school, street, garden etc.

SPECIFICATIONS

OPTICAL	Input Power	54W
	Lumen	6750-8370 LM (Clear) / 5175-5625LM (Frosted)
	Lumen Efficacy	125-155M/W (Clear) / 115-125 LM/W (Frosted)
	Color Temperature	2700-6500K
	CRI	>80
	Viewing Angle	360 Degree
ELECTRICAL	Input Voltage	100-277VAC 50/60Hz
	PF	≥0.9
	THD	≤20%
	Equivalent	100W CFL, 150W MHL/HPS/HID
MATERIALS	LED Brand	Lumileds
	LED Type	SMD2835
	LED QTY	162 PCS
	Housing	PC + Aluminum
	Housing Color	Any colour
	Cover	Clear / Frosted
	Waterproof Rating	IP64
OTHERS	Operating Temperature	-40°C TO 45°C
	Operating Humidity	20%-70% RH
	Storage Temperature	-40°C TO 80°C
	Storage Humidity	10%-75% RH
	Warranty Time	5 Years

PACKAGE

	Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Inner box	90*90*285MM	1 PC	0.65KG	0.85 KG
Outer box	380*290*305MM	12 PCS	7.8 KG	11.2 KG



LIGHT DISTRIBUTION TESTING PARAMETERS

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

Luminaire Property

Luminaire Manufacturer:
Voltage: 121.0 V
Power: 54.42 W

Current: 0.455 A
Power Factor: 0.990

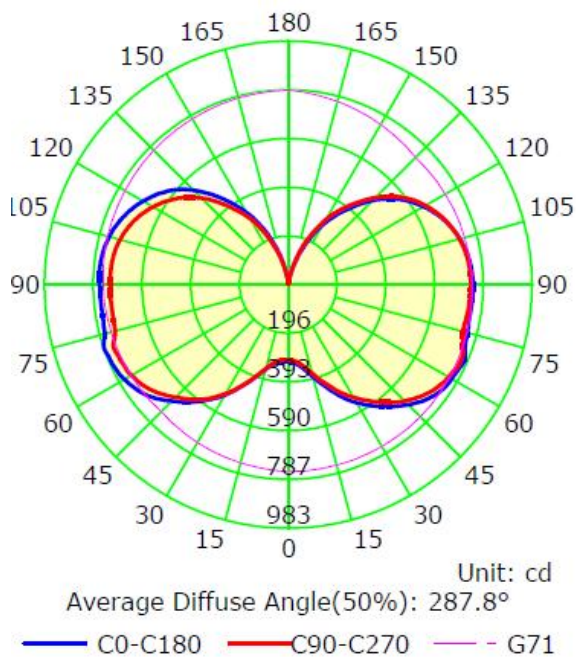
Photometric Results

CIE Class: General Diffuse
Measurement Flux: 7716.8 lm
Downward Ratio: 54%
Horizontal Diffuse Angle(50%): H287.7
Vertical Diffuse Angle(50%): V288.9
Luminaire Efficacy Rating (LER): 141.85
Max. Intensity: 787.04 cd
S/MH(C0/C180): 2.70

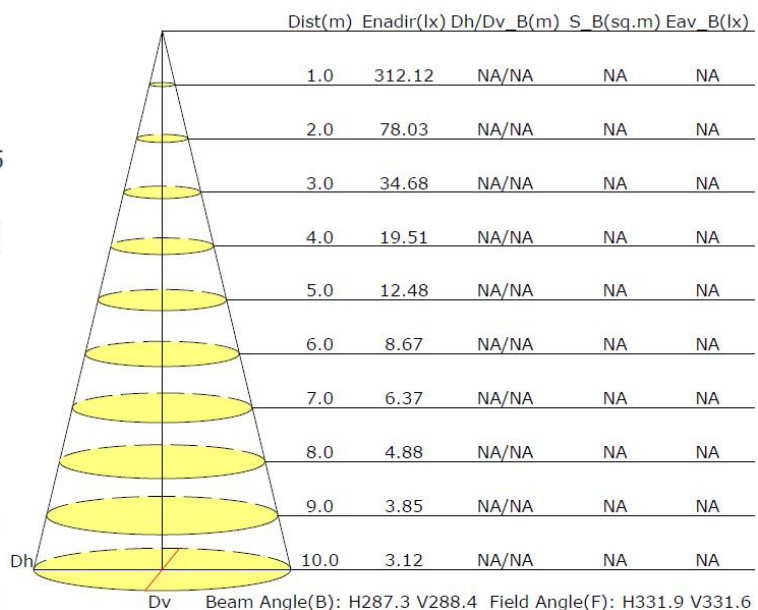
Total Rated Lamp Lumens: 7716.8 lm
Efficiency: 100%
Upward Ratio: 46%

Central Intensity: 312.12 cd
Pos of Max. Intensity: H180 V71
S/MH(C90/C270): 2.68

Luminous Intensity Distribution Curve



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.