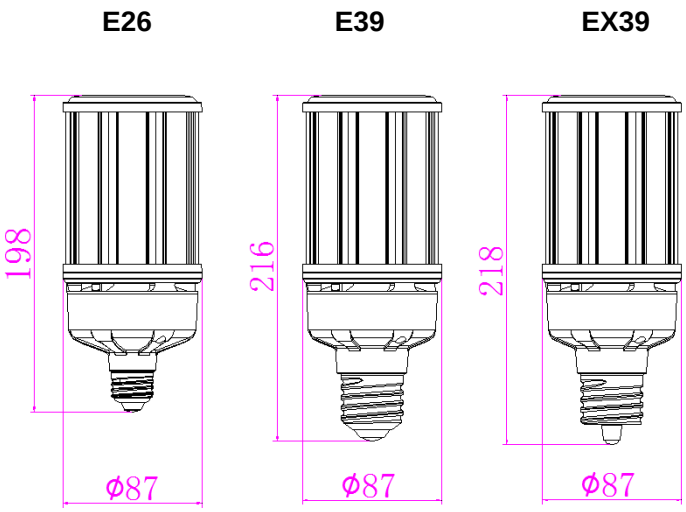
ASMART LIGHT CO., LIMITED
E-mail: sales@asmart-light.com
www.asmart-light.com

c UL us
LISTED
E495045

P/N: AST-CLW07-027WXYA1-abcK

Note:
AST= Company name
CLW07 = Product series, LED Corn Light
027W = Rating Power
X = LED manufacturer,A=HONGLI, B=SAMSUNG
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,
b=represent the Top cover material,can be "P" or "M","P" for plastic,"M" for metal.
c=represents CCT, can be two digital.

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 thefixtures before install the lamps.
- Suitable for damp locations. Do not use with dimmers.
- Suitable for use in enclosed luminaires, min. lamp compartment dimensions: 340*200*200MM.
- No-professionals, must not install and disassemble the lamps.

ADVANTAGE

- UL cUL certificate.
- E26 E39 EX39 lamp base.
- 360 degree lighting.
- Can be with clear or frosted cover.
- IP65 Waterproof Rating.
- Big heat sink, NO fan.
- Internal driver, input voltage AC100-277V.
- Meet 4KV surge immunity level.
- Sealant pouring for whole driver and lamp plastic housing.
- Long lifespan and good heat dissipation.
- Direct replacement for Metal Halide, easy installation.
- Fits many different fixtures to replace traditional lamps.

APPLICATION

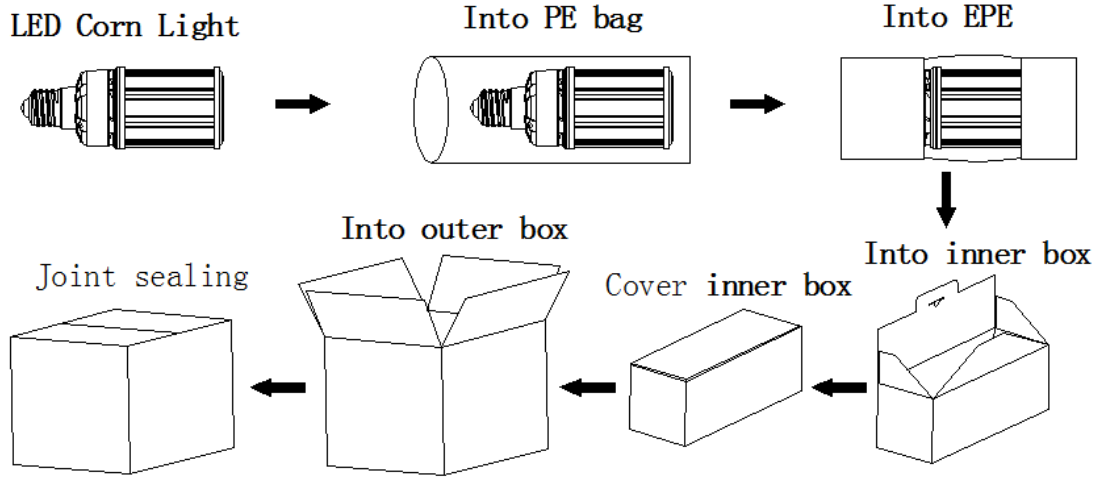
- Widely used in supermarket, warehouse, garage, home, office, hotel, hospital, school, street, garden etc.

SPECIFICATIONS

OPTICAL	Input Power	27W
	Lumen	3510-3780 LM (Clear) / 2970-3240 LM (Frosted)
	Lumen Efficacy	130-140M/W (Clear) / 110-120 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	60W CFL，100W MHL/HPS/HID
MATERIALS	LED Brand	HONGLI /SAMSUNG
	LED Type	SMD2835
	LED QTY	80 PCS
	Housing	PC + Aluminum
	Housing Color	Any colour
	Cover	Clear / Frosted
	Waterproof Rating	IP65
OTHERS	Operating Temperature	-25℃ TO 45℃
	Operating Humidity	20%-70% RH
	Storage Temperature	-40℃ TO 80℃
	Storage Humidity	10%-75% RH
	Warranty Time	5 Years

PACKAGE

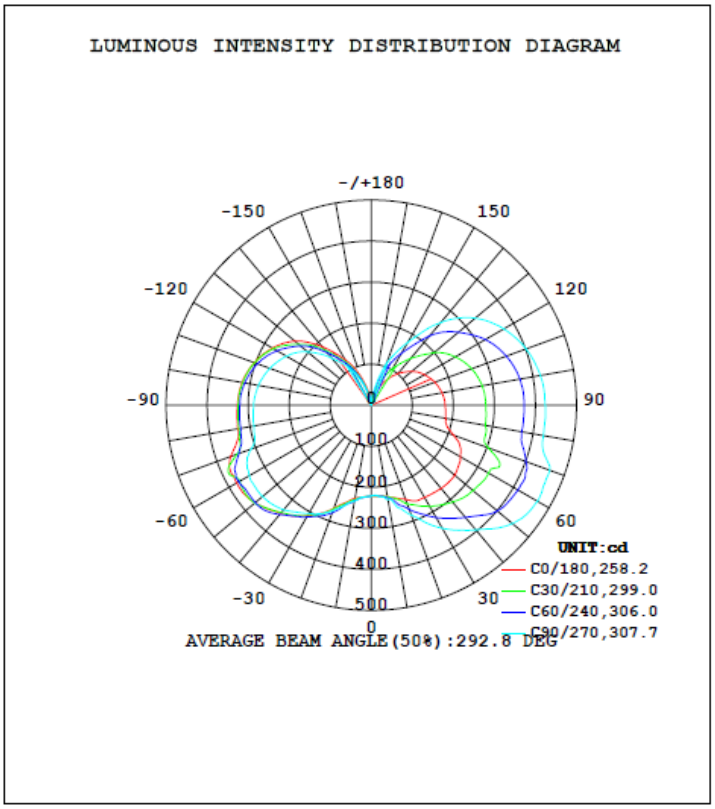
	Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Inner box	253*120*120 MM	1 PC	0.58 KG	0.7 KG
Outer box	495*380*275 MM	12 PCS	7.0 KG	9.4 KG

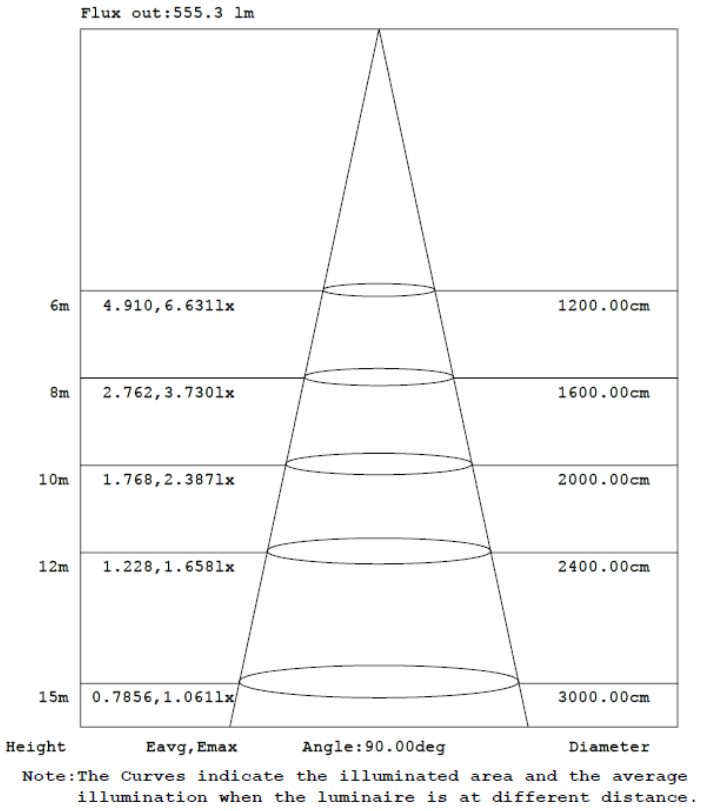


LIGHT DISTRIBUTION TESTING PARAMETERS

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

DATA OF LAMP		PHOTOMETRIC DATA Eff: 133.35 lm/W			
MODEL		Imax(cd)	498.5	S/MH(C0/180)	2.21
NOMINAL POWER(W)	27	LOR(%)	100.0	S/MH(C90/270)	2.13
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	3571.7	η UP,DN(C0-180)	23.6,31.5
NOMINAL FLUX(lm)	3571.66	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	18.0,26.9
LAMPS INSIDE	1	η up(%)	41.6	CIBSE SHR NOM	2.00
TEST VOLTAGE(V)	120	η down(%)	58.4	CIBSE SHR MAX	0.00





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.