



P/N: AST-CLW08E-240WBCZA1-acK

Note:

CLW08E= Product series, LED Corn Light

240W = Rating Power

B= LED manufacturer, Lumileds.

C=Cover type, Clear cover.

Z=Sensor type. "N"for none sensor,with interface of dimming connection, "M"for motion Microwave sensor, "P"for Motion PIR sensor,"C" for Continuous dimming knob.

A1 = Version number.

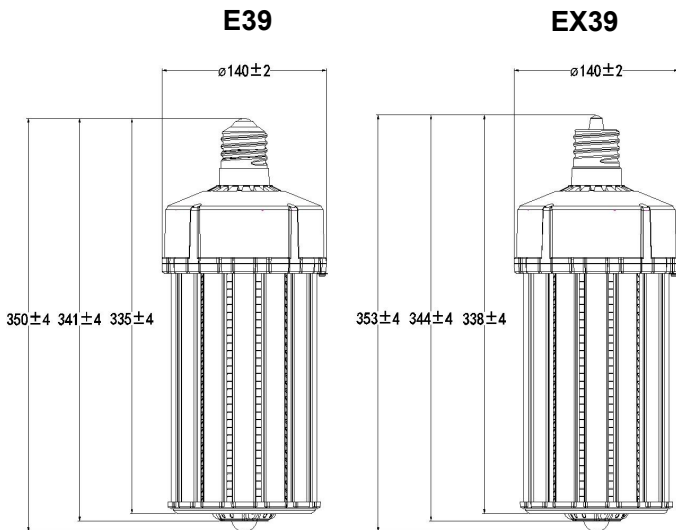
a= the lamp base type, can be E for E39 lamp base, "EX" for EX39

cK= CCT,can be any two digital, like

30K=3000K, 35K=3500K, 40K=4000K, 45K=4500K,

50K=5000K, 57K=5700K, 65K=6500K.

DIMENSIONS



ADVANTAGE

- UL cUL DLC-V5.1(Standard)certificate.
- E39 EX39 lamp base.
- 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

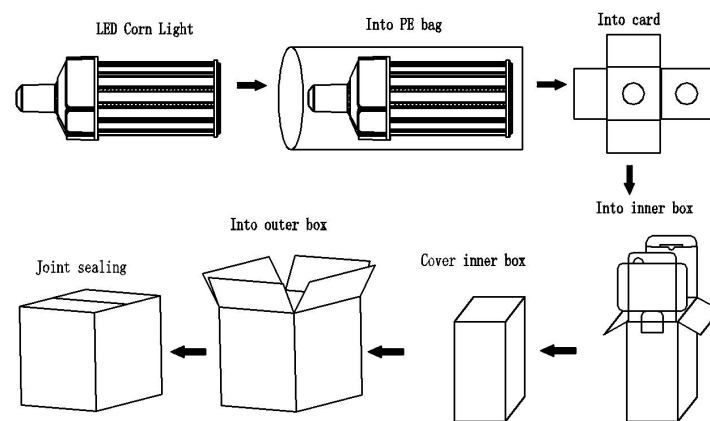
- Replacement Lamps for High Bay Luminaires (UL Type B) .

SPECIFICATIONS

| | | | | | | | | |
|-------------------|---------------------------------|---|---------|---------|---------|---------|---------|---------|
| OPTICAL | Input Power (Tolerance : ±10%) | 240W (Wattage adjustable W=240W/210W/180W) | | | | | | |
| | Color Temperature | 3000K | 3500K | 4000K | 4500K | 5000K | 5700K | 6500K |
| | Lumen (Tolerance : ±10%) | 28515LM | 28833LM | 29150LM | 29423LM | 29695LM | 29967LM | 30739LM |
| | Efficacy (Tolerance :±3%) | 122LM/W | 123LM/W | 125LM/W | 126LM/W | 127LM/W | 128LM/W | 131LM/W |
| | CRI | >80 | | | | | | |
| | Color Consistency | <6 Steps (or <6 SDCM) | | | | | | |
| | Diffuser Type | clear PC | | | | | | |
| | Viewing Angle(Tolerance : ±25%) | 139 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 | 736 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 | 1.58 KG | 1.78 KG |
| Outer box | 450*305*385MM | 6 PCS | 9.5 KG | 11.5 KG |



LIGHT DISTRIBUTION TESTING PARAMETERS

Remark: The testing data comes from the product in luminaires.

Luminaire Property

Luminaire Manufacturer:
 Luminaire Category:
 Lamp Catalog:
 Number of Lamps:
 Luminous Length (mm):
 Luminous Height (mm):
 Current: 1.947 A
 Power Factor: 0.997

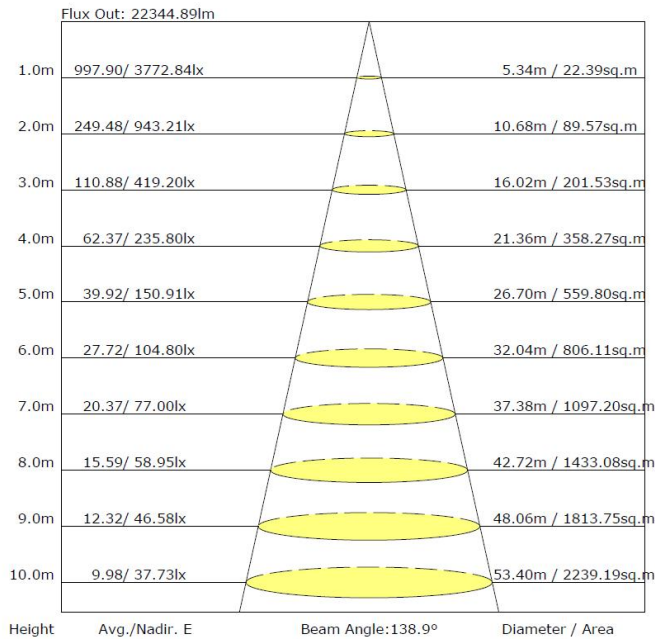
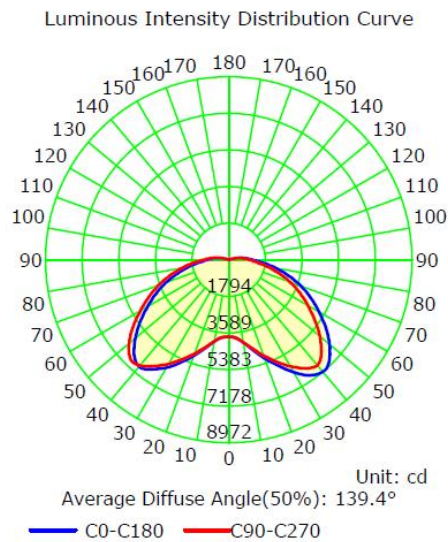
Luminaire Description:
 Lamp Description:
 Lumens per Lamp:
 Luminous Width (mm):
 Voltage: 120.0 V
 Power: 232.93 W

Photometric Results

IES Classification: Type III
 Total Rated Lamp Lumens: 28515.3 lm
 Efficiency: 100%
 Upward Ratio: 4%
 C0r0 Intensity: 3772.84 cd
 Pos of Max. Intensity: H0 V41
 Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 138.9, 140.0, 139.9, 139.6

Longitudinal Classification: Very Short
 Measurement Flux: 28515.3 lm
 Downward Ratio: 96%
 Luminaire Efficacy Rating (LER): 122.47
 Max. Intensity: 7178.15 cd

The Average Illuminance Effective Figure



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. |