

# HD FL Series

Indoor / Outdoor Lighting



45W

## Features

- Dual heat dissipation of the lamp body.
- IP64 Waterproof Rating.
- Beam Angle: 180°
- Efficiency up to 125 lumens per watt
- Combined heat sink reserve gaps for more ventilation area.
- No fixture to replace, easy installation.
- Large heat sink, no fan.

## Input Voltage

- 100-277Vac 50/60Hz



## Advantages

- No lighting shadow, more luminance uniformity.
- Isolated aluminum heat sink for increased airflow.
- Suitable for totally enclosed fixtures.
- More than 15% LED compared with general corn bulb in market.

## Recommended Use

- Replacement lamps for outdoor pole/ arm - mounted decorative luminaires (Type B).



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| HD FL Series Corn Bulbs |                         |
|-------------------------|-------------------------|
| SKU #                   | 151009                  |
| MODEL #                 | BLT-CLW07-045WA-CA1-50K |
| CONSUMPTION             | 45W                     |
| LUMEN                   | 5400lm                  |

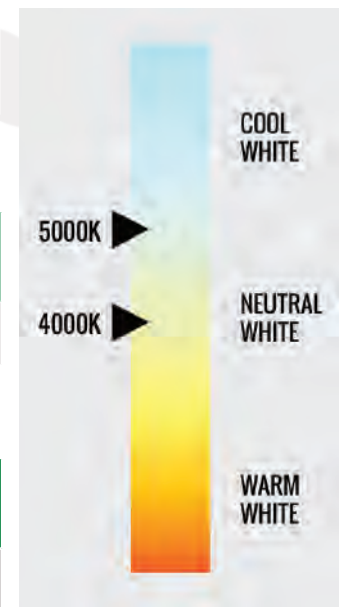
## Specifications

|                   |                     |
|-------------------|---------------------|
| COLOR TEMPERATURE | 5000K               |
| VIEWING ANGLE     | 180°                |
| INPUT VOLTAGE     | VAC 100-277 50/60Hz |
| POWER FACTOR      | >0.9                |
| BASE TYPE         | E39                 |
| WATERPROOF RATING | IP64                |
| LIFESPAN          | 50,000hrs           |

## Fixture Specifications

|               |              |
|---------------|--------------|
| LED BRAND     | Samsung      |
| LED TYPE      | SMD2835      |
| LED QUANTITY  | 126 PCS      |
| HOUSING       | PC +Aluminum |
| HOUSING COLOR | Any Colors   |
| COVER         | Clear        |

CORRELATED  
COLOR TEMPERATURE  
(CCT)



## Others

| OPERATING TEMPRATURE | APPLICATION      | CRI | BEAM ANGLE | DIMMABLE |
|----------------------|------------------|-----|------------|----------|
| -40°F TO 113°F       | Indoor / Outdoor | >80 | 180°       | No       |

## Warranty & Qualification

| WARRANTY       | UL LISTED | DLC |
|----------------|-----------|-----|
| 5 Year Limited | Yes       | Yes |

Due to continuous product improvement, information in this document is subject to change.

Revision Date: 12/04/2018

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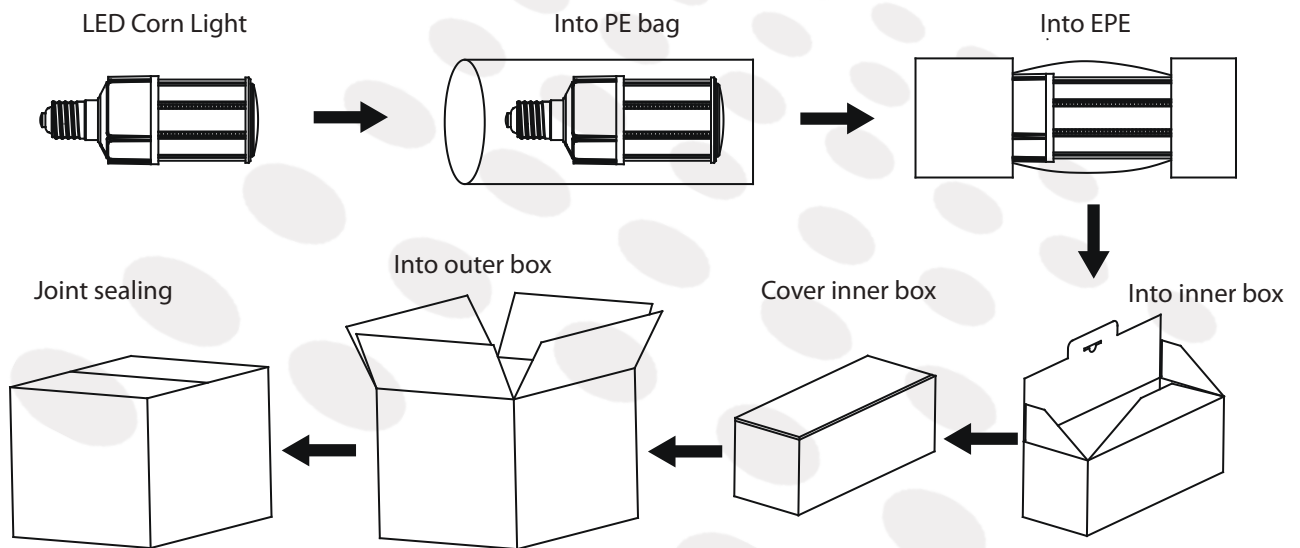
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## Indoor / Outdoor Lighting

### Package

| BOX TYPE  | SIZE                | QTY / CARTON | WEIGHT / CARTON | GROSS WEIGHT / CARTON |
|-----------|---------------------|--------------|-----------------|-----------------------|
| Inner Box | 12.2" x 4.7" x 4.7" | 1 PC         | 1.68 lbs        | 2.1 lbs               |
| Outer Box | 19.5" x 15" x 13"   | 12 PCS       | 20.3 lbs        | 26.9 lbs              |



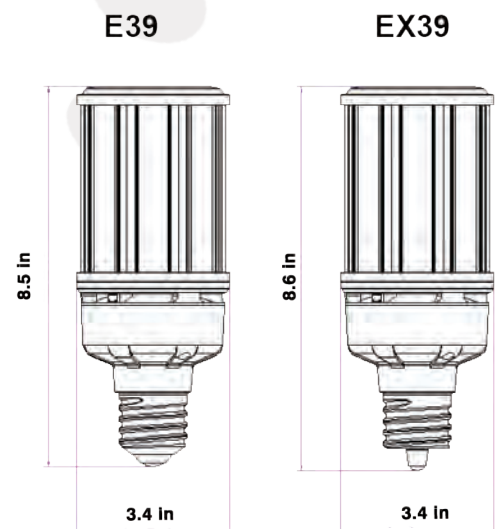
### Troubleshooting

- If the light flickers, turn off the power and turn it on again in 3 minutes. If this problem persists, please call agencies to assist.
- If item does not seem to be working, please recheck the connection.

### Notice for User

- Please turn off power before installation or changing assembly
- 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 installing the lamps.
- Suitable for damp locations. Do not use with dimmers
- Suitable for use in enclosed luminaires, min. lamp compartment dimensions: 15.7" x 7.9" x 7.9" Inches.
- Licensed electrician installation ONLY.

### Dimensions



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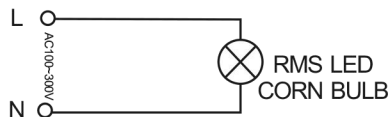
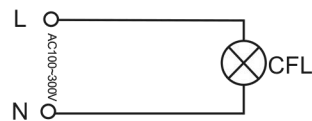
## Installation Guide

For safety, all power MUST be disconnected prior to removal of existing lamps and installation of LED Corn Bulb.

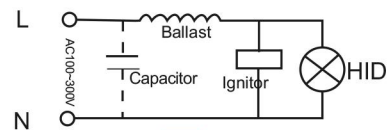
**WARNING:** Failure to disconnect power could result in serious injury or death. It is the end user's responsibility to consult a licensed electrician and check all local building codes before installation. Risk of fire. Fixtures are rated for use in 100-277Vac, 50-60HZ. Protected circuit and 90°C rated supply Risk of cut. The enclosed product may have sharp edges. Wear gloves to prevent cuts when handling, removing, installing, and maintaining.



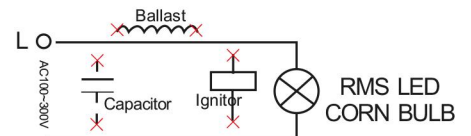
Replace CFL



Replace HID



Inductive Ballast



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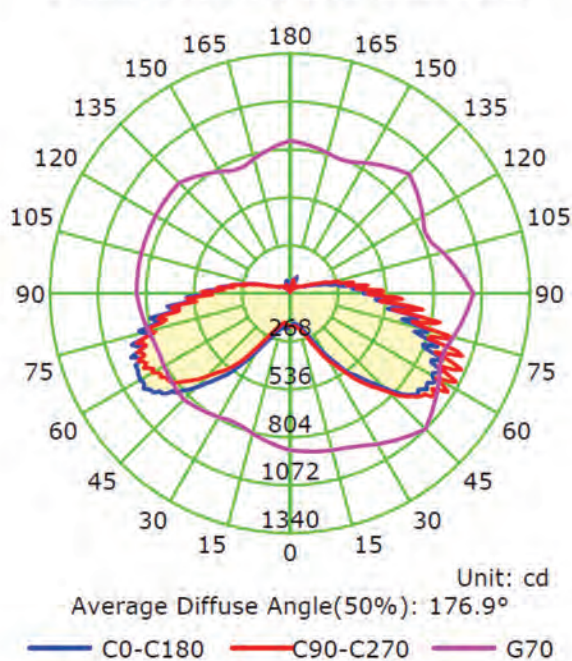
Indoor / Outdoor Lighting

## Light Distribution Testing Parameters

| Photometric Results            |           |                                    |            |
|--------------------------------|-----------|------------------------------------|------------|
| <b>IES Classification</b>      | Type IV   | <b>Longitudinal Classification</b> | Short      |
| <b>Total Rated Lamp Lumens</b> | 5189.1 lm | <b>Measurement Flux</b>            | 5189.1 lm  |
| <b>Efficiency</b>              | 100%      | <b>Downward Ratio</b>              | 81%        |
| <b>Upward Ratio</b>            | 19%       | <b>Luminaire Efficacy Rating</b>   | 114.78     |
| <b>Central Intensity</b>       | 184.9 cd  | <b>Max Intensity</b>               | 1072.79 cd |
| <b>Pos of Max Intensity</b>    | H45 V70   |                                    |            |

\* The testing data comes from the product in luminaires.

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure

