

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

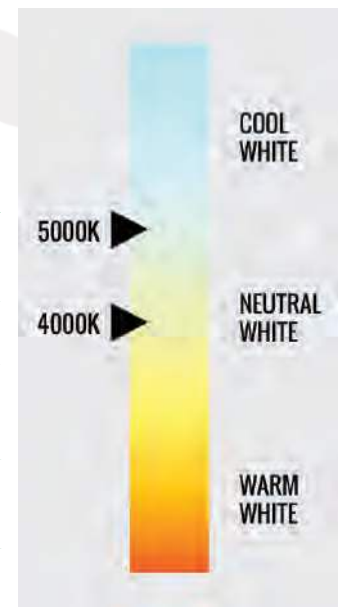
Specifications

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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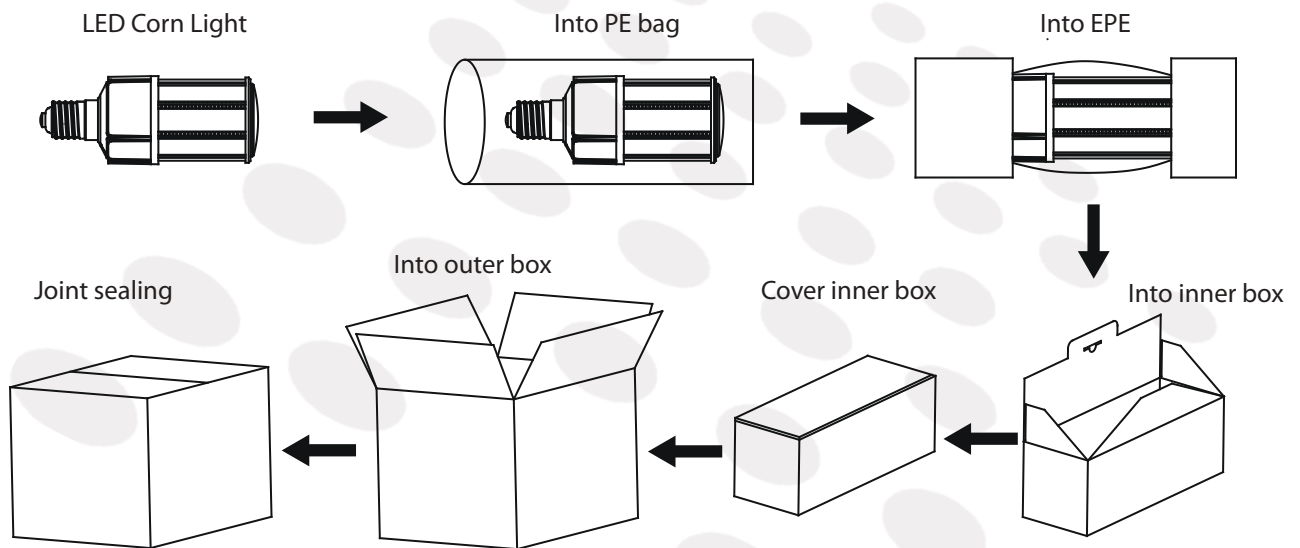
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Package

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



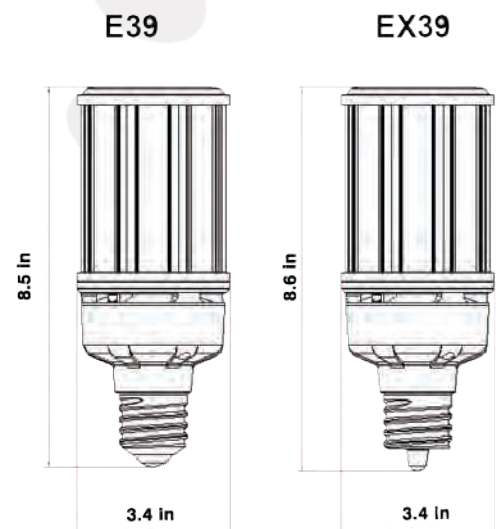
Troubleshooting

- 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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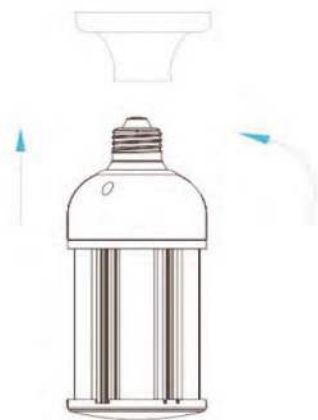
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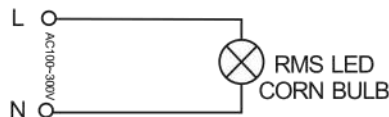
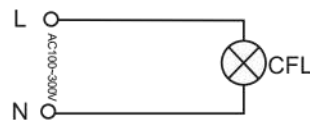
Installation Guide

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

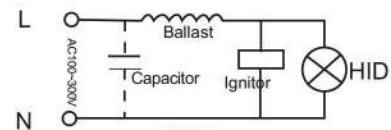
WARNING: Failure to disconnect power could result in serious injury or death. It is the end user's responsibility to consult a licensed electrician and check all local building codes before installation. Risk of fire. Fixtures are rated for use in 100-277Vac, 50-60HZ. Protected circuit and 90°C rated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



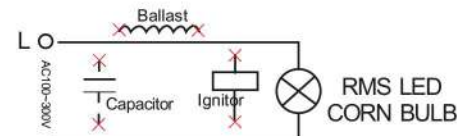
Replace CFL



Replace HID



Inductive Ballast



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Revision Date: 01/16/2019

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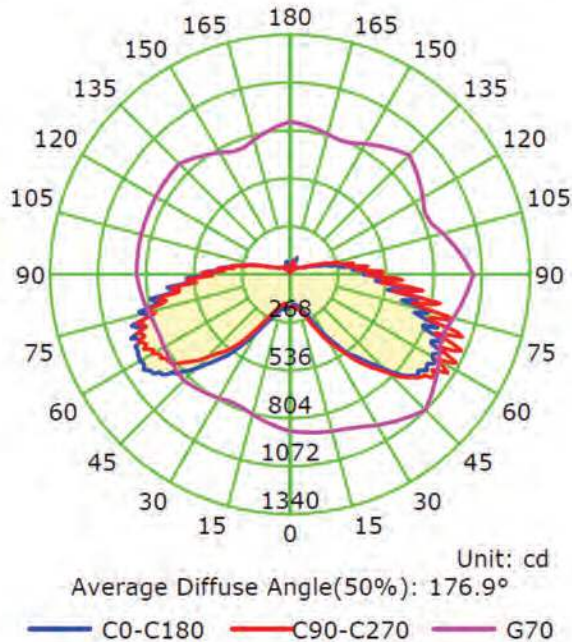
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Light Distribution Testing Parameters

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

* The testing data comes from the product in luminaires.

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure

