

E39 Corn bulb LED Light



Date:_____ Location: _____

Product:_____ Project:_____

Quantity:_____ Catalog# _____

FEATURES

- 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

SUITABLE APPLICATIONS

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

CONSTRUCTION:

Heavy die-cast aluminum alloy with plastic housing and E39 base.

ELECTRICAL:

Available as 120-277V input. -20°C to 45°C

OPTICAL SYSTEM:

High brightness lumileds LED chips. High quality tempered PC lens.360° beam angle.

INSTALLATION&MOUNTING:

Screw installation with E39 base

WARRANTY:

5-year limited warranty. Actual performance may differ as a result of end-user environment and application.

PERFORMANCE

Model NO	PFC	Wattage	Voltage/CurrentInput		Light Efficiency	Kelvin Options
			120V	277V		
LS2CR54WBCA1-acK	>0.95	54W	0.45A	0.19A	130LM/W	3000K/4000K/5000K
LS2CR75WBCA1-acK	>0.95	75W	0.63A	0. 27A	130LM/W	3000K/4000K/5000K
LS2CR100WBCA1-acK	>0.95	100W	0.83A	0.036A	130LM/W	3000K/4000K/5000K
LS2CR120WBCA1-acK	>0.95	120W	1.0A	0.43A	130LM/W	3000K/4000K/5000K

➤ Electric Characteristic

Specification/Model	LS2CR54WBCA1-acK	LS2CR75WBCA1-acK	LS2CR100WBCA1-acK	LS2CR120WBCA1-acK
LED Driver	UL Driver			
Input power	54W	75W	100W	120W
Lumens output	7020LM	9750LM	13000LM	15600LM
Efficiency	130LM/W	130LM/W	130LM/W	130LM/W
CRI	>80	>80	>80	>80
Color Temperature	5000K	5000K	5000K	5000K
Input voltage	120-277V/AC	120-277V/AC	120-277V/AC	120-277V/AC
Light distribution type	360°	360°	360°	360°
Working temperature	-20+45°C	-20+45°C	-20+45°C	-20+45°C
Junction temperature	<75°C	<75°C	<75°C	<75°C
lamps efficiency	≥90%	≥90%	≥90%	≥90%
Certificate	UL CUL DLC	UL CUL DLC	UL CUL DLC	UL CUL DLC
Equivalent	100-150W MH/HPS	150-200W MH/HPS	200-300W MH/HPS	250-400W MH/HPS

PRODUCT ORDERING GUIDE

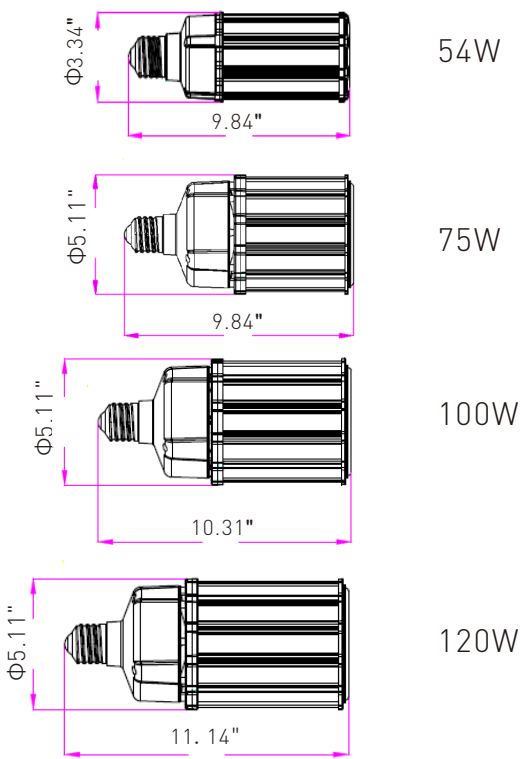
LS2CR54WBCA1-acK

1 2 3 4

LS -CR 54W BC A1 -acK

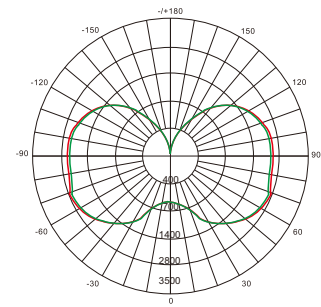
- ☒ LS
- Factory code
- ☒ CR
- LED Corn Light
- ☒ 54W
- Power
- ☒ A1
- Represent the lamp base type E39

➤ Dimensions



DISTRIBUTION DIAGRAM

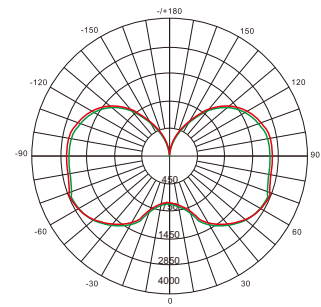
LS2CR54WBCA1-acK



AVERAGE BEAM ANGLE(50%): 360°

UNIT:CD
— C0/180,180.5
— C30/210,179.5
— C60/240,179.5
— C90/270,180.5
Lumens:7020LM
Test Number:54W
Test Number:5000K

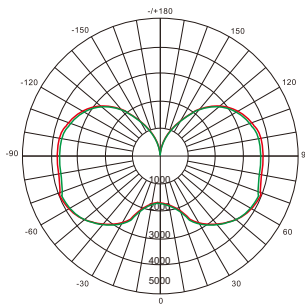
LS2CR75WBCA1-acK



AVERAGE BEAM ANGLE(50%): 360°

UNIT:CD
— C0/180,180.5
— C30/210,179.5
— C60/240,179.5
— C90/270,180.5
Lumens:9750LM
Test Number:75W
Test Number:5000K

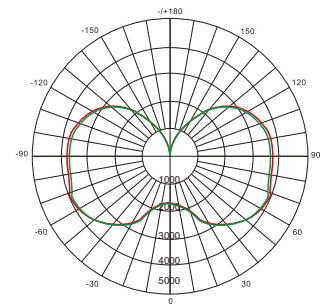
LS2CR100WBCA1-acK



AVERAGE BEAM ANGLE(50%): 360°

UNIT:CD
— C0/180,180.5
— C30/210,179.5
— C60/240,179.5
— C90/270,180.5
Lumens:13000LM
Test Number:100W
Test Number:5000K

LS2CR120WBCA1-acK



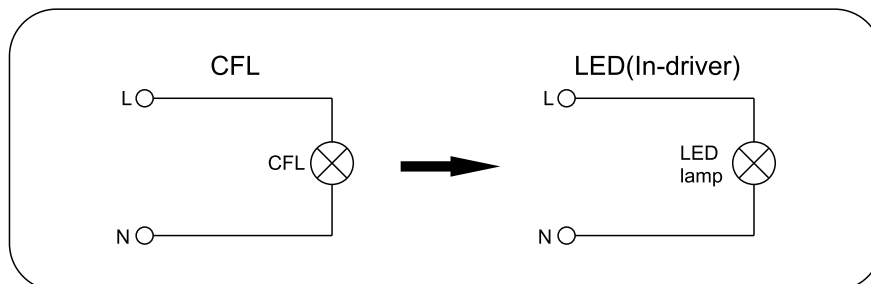
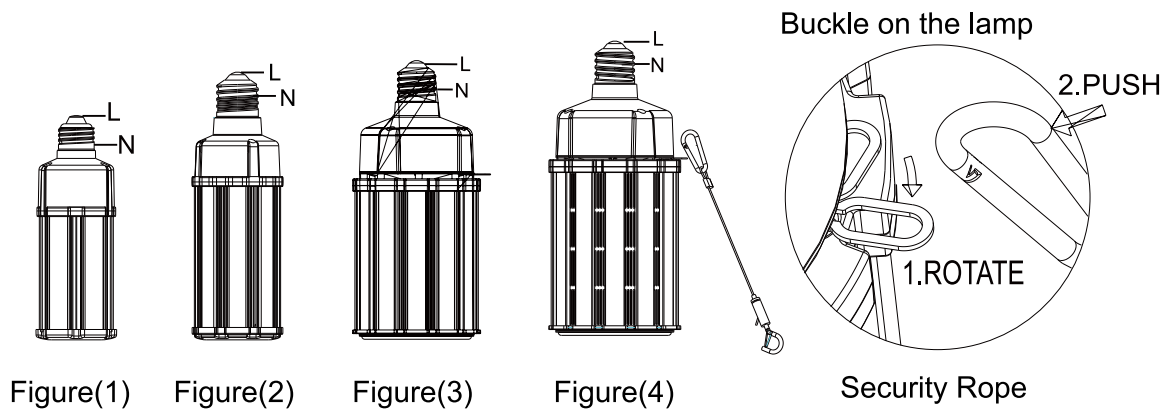
AVERAGE BEAM ANGLE(50%): 360°

UNIT:CD
— C0/180,180.5
— C30/210,179.5
— C60/240,179.5
— C90/270,180.5
Lumens:15600LM
Test Number:120W
Test Number:5000K

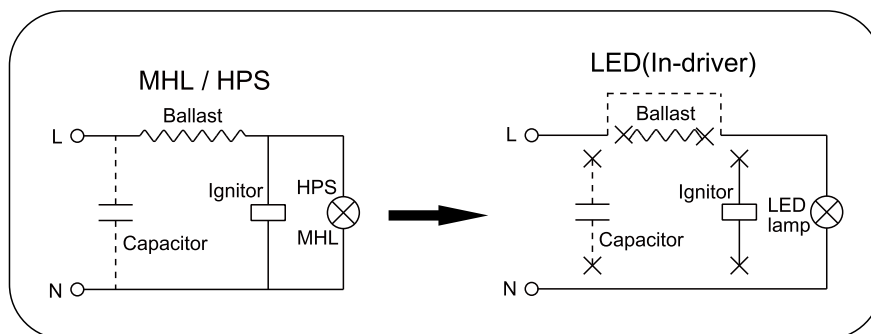
Installation Instructions:

Warning: Please make sure the power is off before installation.

1. Turn off the power switch.
2. Screw off the CFL or MHL or HPS and so on, see Figure (5)(6)
3. Take out led corn light and screw on, see Figure (1)(2)(3) Figure (1)(2)(3) (4):AC internal driver,
 (Note: Please make sure to take off the ballast before installing led corn light, otherwise the ballast will produce the resonance of high voltage and make led corn light breakdown.)
4. If security rope provided, pls fix the rope on the lamp with hand then fix the wire of other end on the shell, see Figure (4).
5. Turn on the power switch. (Finished!)



Figure(5)



Figure(6)