



LED CORN BULB

Standard Series

ASD LED Corn Bulb fits many different fixtures to replace traditional lamps. These LED retrofits designed to replace metal halide and high-pressure sodium lights and shine brighter than HID lamps. Our LED corn bulbs provide 360 Degree of light with low power consumption. Capable of withstanding water sprays from any direction in thanks to its IP64 rating, these bulbs will keep outdoor paths, back yards and many more locations illuminated for a significantly longer period of time.

Catalog number	
Notes	
Type	

FEATURES AND BENEFITS:

- ▶ Easy installation
- ▶ Energy saving
- ▶ Suitable for use in enclosed luminaires
- ▶ Aluminum with plastic cover
- ▶ 360 degree lighting
- ▶ Operating temperature of -40+131°F (-40 to 55°C)
- ▶ IP64 rating, weatherproof
- ▶ L-70 Life > 54,000 hrs
- ▶ cULus certified
- ▶ 5 Year warranty



PACKAGE CONTENTS:

Description	Q-ty
LED Corn Bulb Fixture	1
Box	1
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ORDERING MATRIX:

Family	Watts	Dimmable	CCT	Base
ASD-LED-CRB	XX	X	50	XXXX
LED Corn Bulb	18 = 18 W	N = Non-dimmable	5,000 K	E26
	27 = 27 W			EX39
	36 = 36 W			
	54 = 54 W			
	75 = 75 W			
	100 = 100 W			
	120 = 120 W			

LED CORN BULB:

Model	Watts	Dimmable	CCT	Lumens	Dimensions (LxWxH)	DLC
ASD-LED-CRB-18N50-E26	18	No	5,000 K	1,980 lm	2 1/3" x 2 1/3" x 5 5/7"	-
ASD-LED-CRB-27N50-E26	27	No	5,000 K	2,943 lm	2 1/3" x 2 1/3" x 6 2/3"	-
ASD-LED-CRB-36N50-E26	36	No	5,000 K	3,852 lm	3 1/3" x 3 1/3" x 7 5/9"	-
ASD-LED-CRB-54N50-EX39	54	No	5,000 K	5,810 lm	3 1/3" x 3 1/3" x 10"	Standard
ASD-LED-CRB-75N50-EX39	75	No	5,000 K	8,419 lm	5 1/8" x 5 1/8" x 10"	Standard
ASD-LED-CRB-100N50-EX39	100	No	5,000 K	10,920 lm	5 1/8" x 5 1/8" x 10 3/7"	Standard
ASD-LED-CRB-120N50-EX39	120	No	5,000 K	13,327 lm	5 1/8" x 5 1/8" x 11 1/4"	Standard

For most up-to-date spec sheets please refer to asd-lighting.com



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PRODUCT SPECIFICATIONS:

Construction & Materials				
Housing	Aluminum + Polycarbonate			
Finish	White			
Cover	Clear			
Weight	ASD-LED-CRB-18N50-E26	0.55 lbs (0.3 kg)	ASD-LED-CRB-54N50-EX39	1.43 lbs (0.7 kg)
	ASD-LED-CRB-27N50-E26	0.62 lbs (0.3 kg)	ASD-LED-CRB-75N50-EX39	2.87 lbs (1.3 kg)
	ASD-LED-CRB-36N50-E26	1.23 lbs (0.6 kg)	ASD-LED-CRB-100N50-EX39	3.22 lbs (1.5 kg)
			ASD-LED-CRB-120N50-EX39	3.42 lbs (1.6 kg)
Environmental System				
Work Environment	Weatherproof, IP64			
Operating Temperature	-40+131°F (-40 to 55°C)			
L-70 Life	> 54,000 hrs			
Optical System				
Luminous Flux	ASD-LED-CRB-18N50-E26	1,980 lm	ASD-LED-CRB-54N50-EX39	5,810 lm
	ASD-LED-CRB-27N50-E26	2,943 lm	ASD-LED-CRB-75N50-EX39	8,419 lm
	ASD-LED-CRB-36N50-E26	3,852 lm	ASD-LED-CRB-100N50-EX39	10,920 lm
			ASD-LED-CRB-120N50-EX39	13,327 lm
Color Temperature	5,000 K			
CRI	>80			
Electrical System				
Input Voltage	100-277V AC 50/60 Hz			
Max input current	ASD-LED-CRB-18N50-E26	0.25 A	ASD-LED-CRB-54N50-EX39	0.6 A
	ASD-LED-CRB-27N50-E26	0.3A	ASD-LED-CRB-75N50-EX39	0.8 A
	ASD-LED-CRB-36N50-E26	0.4 A	ASD-LED-CRB-100N50-EX39	1.0 A
			ASD-LED-CRB-120N50-EX39	1.2 A
Inrush current	30A			
Action time (Inrush current)	ASD-LED-CRB-18N50-E26	0.28 S	ASD-LED-CRB-54N50-EX39	0.35 S
	ASD-LED-CRB-27N50-E26	0.32 S	ASD-LED-CRB-75N50-EX39	0.42 S
	ASD-LED-CRB-36N50-E26	0.28 S	ASD-LED-CRB-100N50-EX39	0.45 S
			ASD-LED-CRB-120N50-EX39	0.45 S
AC input range	min 100 V max 277 V			
Off State Power	0 W			
Power Consumption	ASD-LED-CRB-18N50-E26	18 W	ASD-LED-CRB-54N50-EX39	54 W
	ASD-LED-CRB-27N50-E26	27 W	ASD-LED-CRB-75N50-EX39	75 W
	ASD-LED-CRB-36N50-E26	36 W	ASD-LED-CRB-100N50-EX39	100 W
			ASD-LED-CRB-120N50-EX39	120 W
Power Factor	≥ 0.99			
Output voltage	ASD-LED-CRB-18N50-E26	35-45 V	ASD-LED-CRB-54N50-EX39	45-60 V
	ASD-LED-CRB-27N50-E26	35-45 V	ASD-LED-CRB-75N50-EX39	45-55 V
	ASD-LED-CRB-36N50-E26	35-45 V	ASD-LED-CRB-100N50-EX39	45-55 V
			ASD-LED-CRB-120N50-EX39	45-55 V
Max output current	ASD-LED-CRB-18N50-E26	380 mA	ASD-LED-CRB-54N50-EX39	940 mA
	ASD-LED-CRB-27N50-E26	580 mA	ASD-LED-CRB-75N50-EX39	1.25 A
	ASD-LED-CRB-36N50-E26	670 mA	ASD-LED-CRB-100N50-EX39	1.68 A
			ASD-LED-CRB-120N50-EX39	2.1 A
LED Driver Class	Class 2			
Warranty & Certifications				
5-year limited warranty				
DesignLights Consortium (DLC) listed (Classification: Standard) E488932				
Main: Mogul (E39) Screw-Base Replacements for HID Lamps				
General Application: Low Output				
Primary Use: Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type B)				

The LED Corn Bulb designed as a Lamp Replacement of Outdoor Pole/ Arm-mounted Decorative Luminaires

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INSTALLATION GUIDE

IMPORTANT SAFETY INFORMATION:

Please read all the instructions below before installation.

- ▶ Make sure that the supply voltage corresponds to the rated product voltage.
- ▶ The product must be installed by a qualified electrician in accordance with the National Electrical Code and corresponding local codes.
- ▶ If the product is damaged, do not use it.

INSTALLATION STEPS

1. Turn off the power switch.
2. Screw LED Corn Bulb into the fixture base.
3. Turn on the power switch.

⚠ WARNING

RISK OF PERSONAL INJURY – READ and follow all WARNINGS and installation instructions.

Keep or give to the owner for future reference.

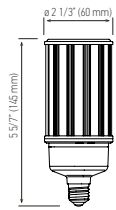
Risk of cuts: Wear gloves to prevent cuts or abrasions when removing from carton, handling, installing, and maintaining this product.

Risk of electric shock: This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

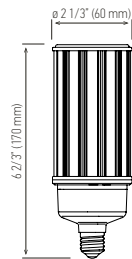
Risk of Fire: Minimum 194°F supply conductors. Consult a qualified electrician to ensure correct branch circuit conductor.

ASD® assumes no responsibility for claims arising out of improper or careless installation or handling of this product.

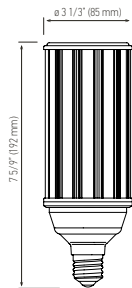
ASD-LED-CRB-18N50-E26



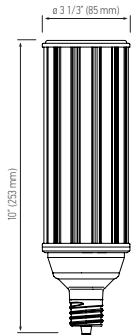
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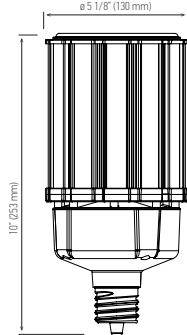
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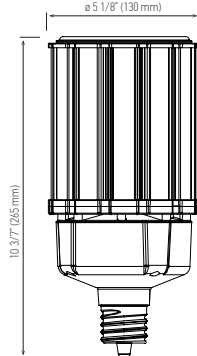
ASD-LED-CRB-54N50-EX39



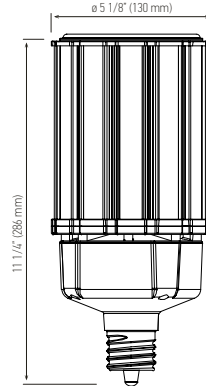
ASD-LED-CRB-75N50-EX39



ASD-LED-CRB-100N50-EX39



ASD-LED-CRB-120N50-EX39



ORDERING INFORMATION

LED CORN BULB ORDERING INFORMATION:

Model	Watts	CCT	UPC	GTIN-14	Pcs in one Carton	Carton Size	Carton Weight
ASD-LED-CRB-18N50-E26	18	5,000 K	819201027835	10819201027832	24	11.02" x 8.46" x 15.75"	21.38 lbs
ASD-LED-CRB-27N50-E26	27	5,000 K	819201027606	10819201027603	24	11.02" x 8.46" x 17.72"	22.49 lbs
ASD-LED-CRB-36N50-E26	36	5,000 K	819201027842	10819201027849	12	14.96" x 11.42" x 10.43"	20.94 lbs
ASD-LED-CRB-54N50-EX39	54	5,000 K	819201027613	10819201027610	12	14.96" x 11.42" x 12.01"	24.69 lbs
ASD-LED-CRB-75N50-EX39	75	5,000 K	819201027620	10819201027627	6	14.96" x 11.42" x 12.01"	21.38 lbs
ASD-LED-CRB-100N50-EX39	100	5,000 K	819201027637	10819201027634	6	16.54" x 11.22" x 12.40"	23.37 lbs
ASD-LED-CRB-120N50-EX39	120	5,000 K	819201027644	10819201027641	6	16.54" x 11.22" x 13.19"	24.03 lbs

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