



ITEM SKU#: 662187482446

Ace Corn Bulb

INDUSTRIAL LIGHTING | RETROFIT LAMPS

FEATURES

- CCT & power selectable capability.
- Soft & uniform light output with high CRI.
- Big heat sink for effective heat dissipation.
- Meets 6 kV surge immunity level.
- Continuous or segmented dimming options available.

APPLICATIONS

Perfect Retrofit Bulb for Traditional Lights in Garages, Street Lighting, Highway Lighting, Security Zones, Walkways, Schools, Residential Buildings.

PRODUCT DETAILS

ELECTRICAL

Max Power	122.33 W
Voltage	120-277 V
Current	0.22 A
Power Factor	0.9
Total Harmonic Distortion (THD)	15%
Surge Protection	6 kV

LIGHTING PERFORMANCE

Lumens	10746.4 lm-13433 lm-16432 lm
Efficacy	134.33 lm/W
Color Temperature (Selectable)	3000 K-4000 K-5000 K
Color Rendering (CRI)	80
R9 (Red Value)	3
R13 (Skin Tones)	83-86-83
Beam Angle	285°
Light Distribution	Type I, Very Short - Type II, Very Short
Dimmable Lighting Control	Continuous Dimming to 10% or Below

*Lumen output may vary by $\pm 10\%$ depending on the chosen power and CCT combination.
*R13 value is calculated at 5000 K



ENVIRONMENT

Operating Temperature	-40 °F ~ +122 °F
Suitable Location	DAMP
Ingress Protection Rating (IP)	IP64

LIFESPAN

Average Life (Hours)	50,000
Warranty (Years)	5 (Extendable Up to 10 Years)

COMPONENTS

LED Light Source	Lumileds 2835
Driver	IKIO Internal

CONSTRUCTION

Housing	Aluminum
Cover Material / Lens	Polycarbonate
Diffuser	Clear
Base	E39 / EX39
Finish	White

PART NUMBER & QUALIFICATIONS

Ordering Part Number	IK-CRL2-120W-30/40/50K-E
Qualified Part Number	IK-CRL2-120W-30/40/50K-[E;EX]
SKU Number	662187482446



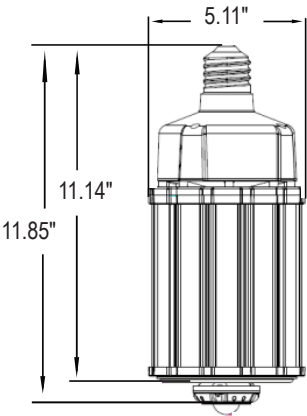
Not all product variations listed on this page are DLC qualified. Visit <https://www.designlights.org/qpl> to confirm qualification.

DIMENSIONS AND WEIGHT

Height (Inches)	11.14"
Height (With Sensor)	11.85"
Diameter (Inches)	5.11"
Net Weight (lbs)	3.52

PACKAGING

Box Dimensions (Inches)	16.53" x 11.22" x 13.18"
Box Weight (lbs)	24.03
Quantity Per Box	6



SUPPORTING DOCUMENTS

DOCUMENTS	DOCUMENT LINK
Product Sheet	View / Download
IES Files	View / Download
LM79 Report	View / Download
Installation Instructions	View / Download

ORDERING INFORMATION

SKU NUMBER	DESCRIPTION	QUANTITY/BOX
662187482446	ACE CORN BULB: 122.33 W / 10746.4-13433-16432 LM / 30-40-50 K / 120-277 V / WHITE	6