

LED CORN BULBS | 12W - 120W |  
NORTH AMERICA MARKET



**LED CORN BULBS**

LED modules comply with IESNA LM-79 and LM-80 standards.  
DesignLights Consortium™ Qualified and classified for DLC Standard  
(some models are not DLC qualified), refer to [www.designlights.org](http://www.designlights.org) for  
details.

### **Ideal Replacement**

CFL, HID, MH & HPS Lamps in existing Fixtures.

### **Compact Size**

Easily installed into Standard Fixtures. Easy Installation & Retrofitting. Simply bypass Ballast and Screw-in.

### **Beam Angle**

360° Illumination with high Lumen Efficacy of 130 Lm/w – perfect for High Bays, Shoe Box, Street and Roadway Lighting applications.

### **Flexible Mounting**

Can be Mounted with Base Up, Down or Sideways.

### **Ultra-Long Design Life**

Up to 60,000 hours Up to 14 years at an on-time of 12 hrs./day or up to 17 years at on-time of 10 hrs./day. (Depending upon the ambient temperature of the installation location.

### **Solid-State**

High-Shock and High-Vibration Resistant

### **No Moving Parts**

Quality built means this bulb requires no active cooling fan. Bulbs with fans are at risk of burning out if the fan stops working or if bugs get inside.

### **Instant Start & Restart**

No warm up time required even in Extreme Cold.

### **Instant On and Flicker-Free**

No restrike time or waiting for 10-20 minutes for the lights to turn back on like HID's.

### **Enhances Vision**

Zero Dark Spots for greater Visibility & Safety No Noise or RF Interference.

No UV Emissions/Does Not attract Insects. Radiation/Emissions-Free

No Harmful IR, No RFI/EMI/HD Fully Encapsulated with Heat and Impact Resistant, UV Protected, Non-yellowing, Optical grade PC Lens.

### **Wide Operating Temperature Range**

-22°F to +104°F [-30°C to +40°C] Patented Technology Delivers Maximum, Lifetime Energy Savings Ideal for use with Renewable Energy: Solar & Wind Power Eliminates the hassle of repeated relamping Shortest Payback Period and High ROI Longer Life = Increased Sustainability + Dependability.



## ORDERING INFORMATION

MODEL	POWER	INPUT VOLTAGE	LEDS	DELIVERED LUMENS	BEAM ANGLE
ORL-CBB-12W	12W	AC100-277V 50-60Hz	SMD2835	1500lm	360°
ORL-CBB-15W	15W	AC100-277V 50-60Hz	SMD2835	1875lm	360°
ORL-CBB-18W	18W	AC100-277V 50-60Hz	SMD2835	2250lm	360°
ORL-CBB-28W	28W	AC100-277V 50-60Hz	SMD2835	3500lm	360°
ORL-CBB-38W	38W	AC100-277V 50-60Hz	SMD2835	4750lm	360°
ORL-CBB-48W	48W	AC100-277V 50-60Hz	SMD2835	6000lm	360°
ORL-CBB-58W	58W	AC100-277V 50-60Hz	SMD2835	7250lm	360°
ORL-CBB-80W	80W	AC100-277V 50-60Hz	SMD2835	10000lm	360°
ORL-CBB-100W	100W	AC100-277V 50-60Hz	SMD2835	12500lm	360°
ORL-CBB-120W	120W	AC100-277V 50-60Hz	SMD2835	15000lm	360°

## PACKING INFORMATION

MODEL	DIMENSION (MM)	QTY/CASE	N.W.(KGS)	G.W.(KGS)	INNER BOX SIZE (MM)	OUTBOX SIZE (MM)
ORL-CBB-12W	Φ64*155.9	50PCS	9.5	12	83*83*176	433*433*372
ORL-CBB-15W	Φ64*175.9	50PCS	10.5	14	83*83*196	433*433*392
ORL-CBB-18W	Φ64*196.9	50PCS	11.5	15	83*83*216	433*433*452
ORL-CBB-28W	Φ91.7*220	20PCS	9.6	14	132*132*245	680*560*265
ORL-CBB-38W	Φ91.7*248	20PCS	10.2	16	132*132*277	680*560*297
ORL-CBB-48W	Φ106*249.1	20PCS	12	18	132*132*277	680*560*297
ORL-CBB-58W	Φ106*273.1	20PCS	13.2	20	132*132*300	680*560*320
ORL-CBB-80W	Φ119.5*240.7	12PCS	15.6	19	151*151*270	620*468*290
ORL-CBB-100W	Φ119.5*296.7	12PCS	18	23	151*151*324	620*468*344
ORL-CBB-120W	Φ119.5*328.7	12PCS	19	25	151*151*353	620*468*373