

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 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