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# DATASHEET



## LED Corn Bulb

Available in Choice of Color Temperature


### Features

High-power LED Corn Bulbs are designed to replace traditional Compact Fluorescent, High Pressure Sodium, or Metal Halide bulbs in parking lot and other exterior lighting applications. Based on a Samsung SMD5630 chip, these bulbs feature a built-in fan and heat sink for optimal heat dissipation and longer life. Available in E39 bases. HCI LED Corn Bulbs are also available by special order in E40 bases (Minimum order: 6 pieces). Multi-voltage inputs make for a quick and easy install. Available in 5000K or 6500K.

### Specifications

<i>Physical</i>	Dimensions:	Varies by model
	Material:	Fin Aluminum + PC
	Base:	E39, E40
<i>Electrical</i>	Power supply:	AC80-305V 50-60Hz
	Power consumption:	120W
	Led Chip:	SMD5630
	Power Factor:	>0.95
<i>Output</i>	CRI (Ra):	>0.80
	Color Temperature	5000K, 6500K
	CRI (Ra):	>0.8
	View Angle:	360°
<i>Safety</i>	IP Grade:	63
	Estimated Lifespan:	>50,000 Hours
	Warranty	5 years

Item	Photo	Power	Luminous Flux	Replaces		
				CFL	HPS	MHL
CBNW007W		7W	800LM	13W	-	-
CBNW009W		9W	1000LM	18W	-	-
CBNW012W		12W	1400LM	23W	-	-

Item	Photo	Power	Luminous Flux	Replaces		
				CFL	HPS	MHL
CBNW015W		15W	1800LM	26W	-	-
CBNW018W		18W	2100LM	35W	35W	35W
CBNW028W		28W	3300LM	50W	70W	70W
CBNW038W		38W	4560LM	85W	100W	100W
CBNW048W		48W	5760LM	105W	125W	125W
CBNW058W		58W	7000LM	125W	175W	175W
CBNW080W		80W	9600LM	150W	250W	250W
CBNW100W		100W	12000LM	180W	300W	300W
CBNW120W		120W	15000LM	250W	400W	400W

## Dimensions

Model	Dimension
CBNW007W	ø64*125mm
CBNW009W	ø64*137mm
CBNW012W	ø64*156mm
CBNW015W	ø64*176mm
CBNW018W	ø64*191mm
CBNW028W	ø92*218mm
CBNW038W	ø92*250mm
CBNW048W	ø106*240mm
CBNW058W	ø106*270mm
CBNW080W	ø120*300mm
CBNW100W	ø120*328mm
CBNW120W	ø120*345mm

## Packaging

Model	Packaging
CBNW007W	42*42*31cm/50pcs
CBNW009W	42*42*37cm/50pcs
CBNW012W	42*42*37cm/50pcs
CBNW015W	42*42*44cm/50pcs
CBNW018W	42*42*44cm/50pcs
CBNW028W	42*52*26cm/20pcs
CBNW038W	62*52*29cm/20pcs
CBNW048W	62*52*28cm/20pcs
CBNW058W	62*52*32cm/20pcs
CBNW080W	64*48*37/12pcs
CBNW100W	64*48*37/12pcs
CBNW120W	64*48*40/12pcs