

# PHILIPS

## LED lamps

### MasterClass Corn Cob with Selectable CCT

For a range of industrial, commercial and urban applications



Lumen Select Switch



CCT with Select Switch

# The flexibility of perfect light output for multiple applications with one lamp

Hassle-free UL Type-B retrofit lamps designed with lumen and CCT selectable features, offering customizable light output replacing up to 8500 lumens and continuous dimming down to 20%. Designed to fit fixtures in most relevant applications, these omni-directional ballast-bypass lamps provide an ideal and affordable way to upgrade existing HID fixtures to the latest LED technology.

## Benefits

- Reduce & streamline inventory with three color temperatures in one lamp
- Passive Cooling lamps eliminate fan noise and reduces moving parts which require additional maintenance over time
- Up to 80% energy savings<sup>1</sup>
- Long life lowers maintenance costs by reducing re-lamp frequency
- UL Type B solution allows installer to bypass the ballast and reduce maintenance costs

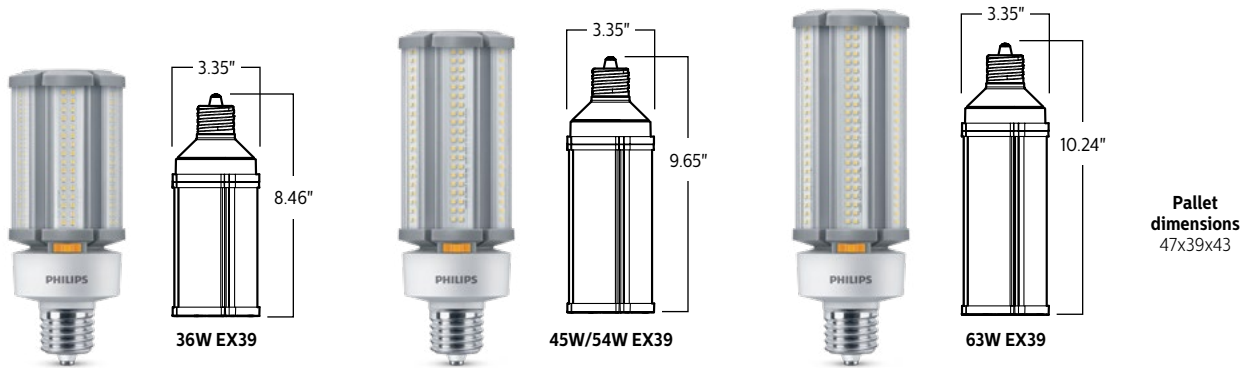
## Features

- Built in switch to select CCT for different applications
- Wide ambient temperature operating range from -22°F to +122°F (-30°C to 55°C)
- DLC 5.1 certified mogul based lamps
- UL damp rated (UL1993 + UL1598C)
- Built in surge protection
- Choose between 3000K, 4000K or 5000K color temperatures in one lamp (CCT)
- Built in Dial to select lumen output level down to 20%
- Universal burn positioning
- Suitable for both enclosed and open fixtures
- 5-year limited warranty<sup>2</sup>

1. LED system watts of 36 compared to 120 of a C100554/ALTO.

2. Depending upon operating hours. For details please visit [www.signify.com/warranties](http://www.signify.com/warranties).

# Philips LED MasterClass Corn Cob lamps with Selectable CCT



Ordering, electrical and technical data (Subject to change without notice)



Product No. (6nc)	Model No. (12nc)	Description	Watts (W)	Replace Watts (W)	Lumens (lm)	Volts (V)	CRI (min)	CCT (K)	Lifetime <sup>1</sup> (hrs)	Qty per pallet	DLC ID (Type A) <sup>2</sup>	
<b>CorePro EX39 lamps</b>												
D E	570465	929003065204	36CC/LED/3CCT/LS EX39 G3 BB 3/1	36	150	4800/5000/5000	100-277	80	3000/4000/5000	50,000	408	PLBJN6CXJY4T
D E	570473	929003065304	45CC/LED/3CCT/LS EX39 G3 BB 3/1	45	175	5800/6200/6200	100-277	80	3000/4000/5000	50,000	306	PLQBU4L9A885
D E	570481	929003065404	54CC/LED/3CCT/LS EX39 G3 BB 3/1	54	250	7000/7500/7500	100-277	80	3000/4000/5000	50,000	306	PLI2F538JT5L
D E	570499	929003065504	63CC/LED/3CCT/LS EX39 G3 BB 3/1	63	250	7800/8500/8500	100-277	80	3000/4000/5000	50,000	306	PLKHJQIOIQ2U

D = Damp location E = Enclosed fixtures

## Energy saving solution

### For CorePro LED Corn Cob G2 Passive cooling 63w

#### Estimated lighting costs using a 175 MH lamp with ballast

Present Wattage	201 watts
× Annual operating hours	4,000 hours
=	804,000 watt-hours
÷ 1,000	804 kWh per year
× kWh rate of \$0.11	\$88.44 per year
× 100 lamps	\$8,844.00 annual energy cost

#### Estimated lighting costs using a Philips Corn cob LED lamp

Present Wattage	63 watts
× Annual operating hours	4,000 hours
=	252,000 watt-hours
÷ 1,000	252 kWh per year
× kWh rate of \$0.11	\$27.72 per year
× 100 lamps	\$2,772.00 annual energy cost

**Total estimated savings \$6,072.00 annual savings**

Based on 100 lamps per space operating at 4000 hours per year.

This example shows an application of 100 lamps accenting a space, operating 4,000 hours. Your actual savings may vary depending on the energy costs in your geographic location.

#### WARNINGS AND CAUTIONS

**Risk of property damage or personal injury** – The weight of the lamp is within the UL weight specification of a mogul (E39) base. However, before installing the lamp please ensure that the lamp holder (or socket) is not damaged or loose. The lamp holder (or socket) must be secured firmly to the fixture. If the lamp holder is damaged, corroded, charred or blackened, it must be replaced.

**CAUTION:** Risk of electric shock – do not use where directly exposed to water.

**NOTES:** This device complies with Part 15 of the FCC rule. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This Class B digital apparatus complies with Canadian ICES-005. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This lamp is suitable for dry and/or damp locations (indoor & outdoor applications). Suitable for use in outdoor luminaires as these luminaires provide a damp location for the lamp. This lamp is suitable for use in totally enclosed luminaires.

For more details visit: <https://www.usa.lighting.philips.com/products/product-highlights/led-hid-replacements>

- LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70). Lamps rated 50,000 hours is for bare lamp without fixture.
- Lamp may also be DLC certified as a Type C system. Search DLC by model number QPL for more information.



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