

# PHILIPS

## LED lamps

### CorePro LED Corn Cob lamps

For a range of industrial,  
commercial and urban applications



Lumen  
Select Switch



# Get the perfect fixture fit at an affordable price

**Our new, smaller Philips CorePro LED Corn Cob lamps** replace conventional metal halide and high pressure sodium lamps, making it hassle-free to retrofit and maximize efficiency. Designed to fit fixtures in most relevant applications, these omni-directional ballast-bypass lamps offer an ideal and affordable way to upgrade existing HID fixtures to the latest LED technology.

## Benefits

- Passive Cooling lamps eliminate fan noise and reduces moving parts which require additional maintenance over time
- Up to 70% 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

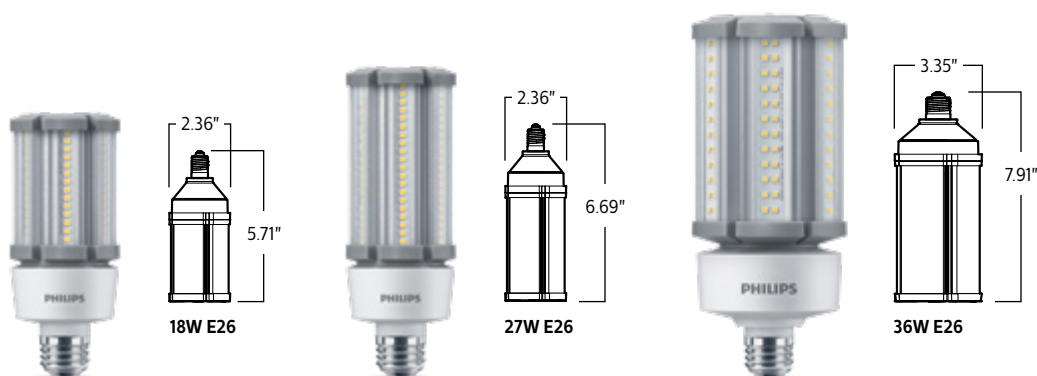
## Features

- Lumen selectable lamps
- Built-in dial to allow pre-set lumen output level down to 20%
- Offered in both mogul-based and medium-based options
- All mogul based lamps DLC 5.1 rated
- UL damp rated (UL1993 + UL1598C)
- Wide ambient temperature operating range from -40°F to +113°F (-40°C to +45°C)
- Built in surge protection
- Available in 3000K, 4000K and 5000K color temperatures (CCT)
- Suitable for both enclosed and open fixtures
- Universal burn positioning
- Passive cooling
- Additional High Wattage Corn Cob lamps available in our MasterClass range
- 5-year limited warranty<sup>2</sup>

<sup>1</sup> LED system watts of 36 compared to 120 of a C100S54/ALTO.

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

# Philips CorePro LED Corn Cob lamps



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
<b>CorePro E26 lamps</b>											
D E	559633	929002395204	18CC/LED/830/ND E26 G2 BB 6/1	18	50-70	2300	120-277	80	3000	50,000	900
D E	559641	929002395304	18CC/LED/840/ND E26 G2 BB 6/1	18	50-70	2400	120-277	80	4000	50,000	900
D E	559658	929002395404	18CC/LED/850/ND E26 G2 BB 6/1	18	50-70	2500	120-277	80	5000	50,000	900
D E	559666	929002395504	27CC/LED/830/ND E26 G2 BB 6/1	27	70-100	3500	120-277	80	3000	50,000	720
D E	559674	929002395604	27CC/LED/840/ND E26 G2 BB 6/1	27	70-100	3700	120-277	80	4000	50,000	720
D E	559682	929002395704	27CC/LED/850/ND E26 G2 BB 6/1	27	70-100	3800	120-277	80	5000	50,000	720
D E	559690	929002395804	36CC/LED/830/ND E26 G2 BB 6/1	36	100-150	5000	120-277	80	3000	50,000	456
D E	559708	929002395904	36CC/LED/840/ND E26 G2 BB 6/1	36	100-150	5200	120-277	80	4000	50,000	456
D E	559716	929002396004	36CC/LED/850/ND E26 G2 BB 6/1	36	100-150	5400	120-277	80	5000	50,000	456

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.

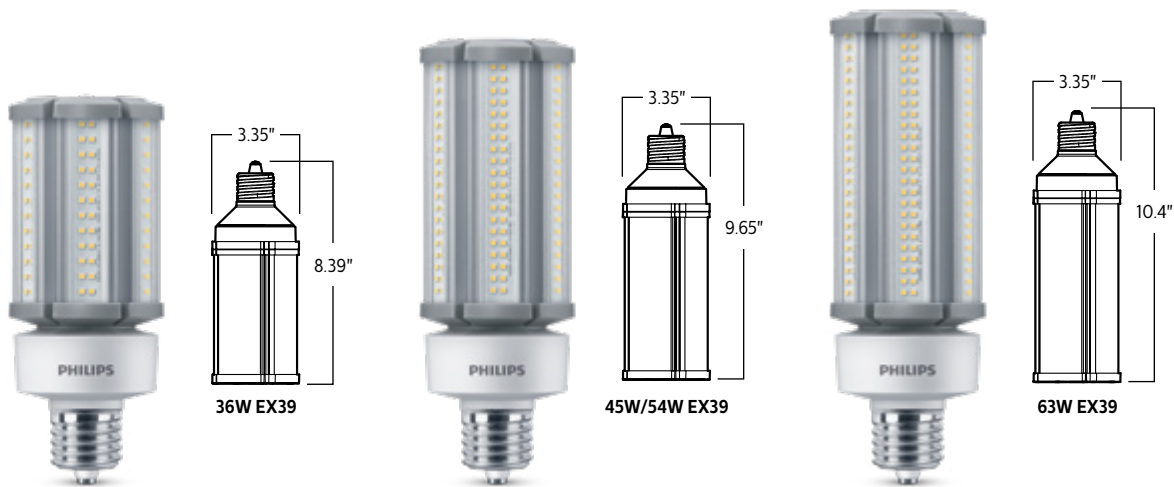
**CAUTION:** Risk of electric shock— do not use where directly exposed to water.

**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>

1. 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.

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Product Model No. (6nc) 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>	Pallet dimensions
<b>CorePro EX39 lamps</b>											
<b>D</b> <b>E</b> 564120 929002998904	36CC/LED/830/LS EX39 G3 BB 3/1	36	150	5000	100-277	80	3000	50000	408	PLM1K5CYBG70	47x39x50
<b>D</b> <b>E</b> 564153 929002999004	36CC/LED/840/LS EX39 G3 BB 3/1	36	150	5200	100-277	80	4000	50000	408	PLPB78A46RFU	47x39x50
<b>D</b> <b>E</b> 564161 929002999104	36CC/LED/850/LS EX39 G3 BB 3/1	36	150	5400	100-277	80	5000	50000	408	PLRN7FDI00ED	47x39x50
<b>D</b> <b>E</b> 564179 929002999204	45CC/LED/830/LS EX39 G3 BB 3/1	45	175	6200	100-277	80	3000	50000	306	PLTD4XAOV3QH	47x39x43
<b>D</b> <b>E</b> 564187 929002999304	45CC/LED/840/LS EX39 G3 BB 3/1	45	175	6500	100-277	80	4000	50000	306	PL3P4HE3UL14	47x39x43
<b>D</b> <b>E</b> 564195 929002999404	45CC/LED/850/LS EX39 G3 BB 3/1	45	175	6700	100-277	80	5000	50000	306	PLHDLSDW2HSG	47x39x43
<b>D</b> <b>E</b> 564203 929002999504	54CC/LED/830/LS EX39 G3 BB 3/1	54	250	7500	100-277	80	3000	50000	306	PLBYTGTV2NOP	47x39x43
<b>D</b> <b>E</b> 564211 929002999604	54CC/LED/840/LS EX39 G3 BB 3/1	54	250	7800	100-277	80	4000	50000	306	PLPTCF95VDU7	47x39x43
<b>D</b> <b>E</b> 564229 929002999704	54CC/LED/850/LS EX39 G3 BB 3/1	54	250	8000	100-277	80	5000	50000	306	PLUBY004T3S2	47x39x43
<b>D</b> <b>E</b> 564237 929002999804	63CC/LED/830/LS EX39 G3 BB 3/1	63	250	8600	100-277	80	3000	50000	306	PLI2LOVUXLDT	47x39x45
<b>D</b> <b>E</b> 564245 929002999904	63CC/LED/840/LS EX39 G3 BB 3/1	63	250	9000	100-277	80	4000	50000	306	PLD6QBHYH4ZR	47x39x45
<b>D</b> <b>E</b> 564252 929003000004	63CC/LED/850/LS EX39 G3 BB 3/1	63	250	9200	100-277	80	5000	50000	306	PL6A9CH8G67L	47x39x45

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- Lamp may also be DLC certified as a Type C system. Search DLC by model number QPL for more information.



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