

**PHILIPS**

LED lamps

HID replacements

# A solutions for every application with **spectacular energy savings**

A comprehensive retrofit LED HID replacement portfolio  
allowing hassle-free installation for all your application needs



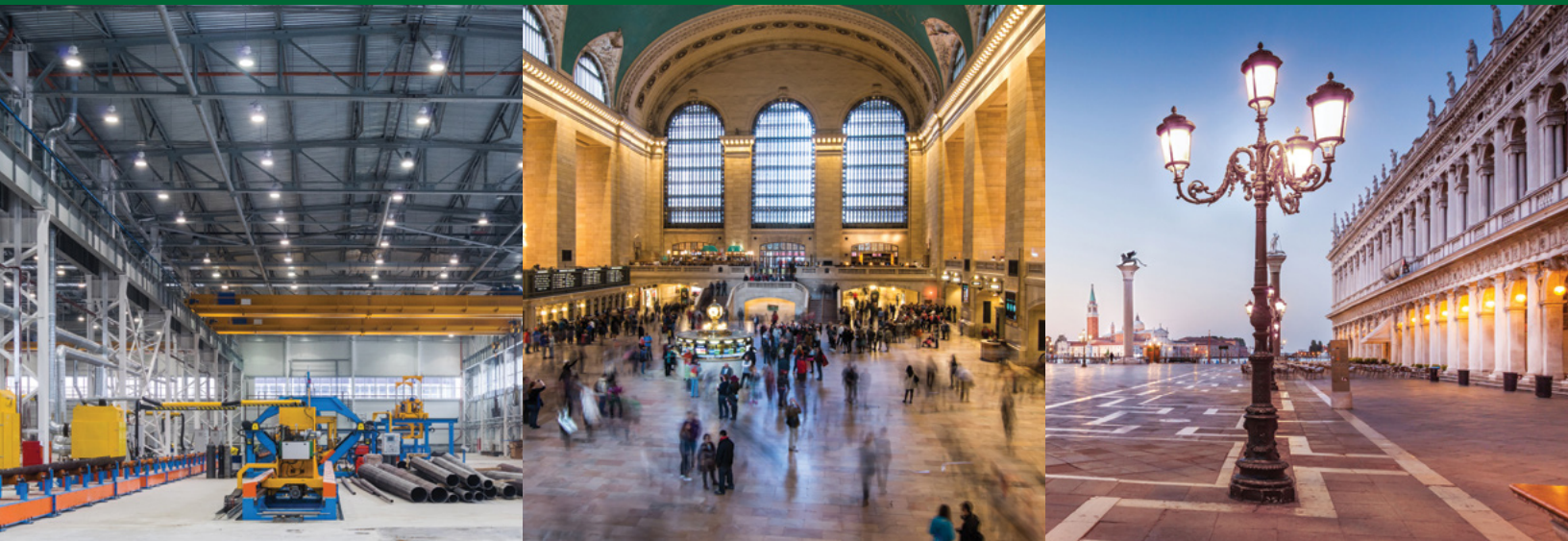


# Good things come in small packages

## Philips HID replacement lamps

provide the perfect fit for every space

**Introducing Philips HID Replacement LED lamps** — offering the light output and dependability of HID with all the benefits of LED: Energy savings, longer life, improved lumen and color maintenance, instant on and superior surge protection.



## Powerful reasons to switch from HID to LED



**Energy saving<sup>1</sup>**  
up to 68%



**Direct LED replacement solution** without replacing the fixture



**Reliable lifetime<sup>2</sup>**  
up to 50.000 hours



**Optically efficient,**  
emits light towards usage direction

1. Energy savings are based on the comparison of system power consumption = 201W vs system consumption based on TrueForce MasterClass High-bay 63W.  
2. 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).

# Upgrade your HID lighting to LED and benefit from **instant savings and low initial costs**

- **Hassle-free installation** for safer and faster adoption – no need to replace existing fixture
- **Sustainability** – low energy consumption
- **Enhance comfort, safety and productivity**
- **Low heat dissipation** – provide a cooler environment and reduce air-conditioning cost

## TrueForce MasterClass

HID replacement lamps

**Brighter, lightweight, high performance lighting to suit application specific needs**

TrueForce LED range is perfectly suitable for industry and retail lighting as well as urban lighting solutions.



## CorePro

HID replacement lamps

**Affordable, versatile lighting you need for many applications backed by Philips quality standards**

- High Lumen output options at competitive pricing
- No visible flickering or stroboscopic effect
- Color consistency over long life
- Ballast Bypass lamps
- Passive cooling system



## TrueForce Metal Halide/CDM

PAR replacement lamps

**Brighter, high performance lighting with contemporary aesthetic design**

- Color consistency over long life
- Highest lumen output in the market meeting ENERGY STAR® and UL/cUL requirements
- Unique single-optic lens design for accent lighting, reduces glare to improve experience
- Deep dimming down to <5% without flicker
- Ballast Bypass lamps



## CorePro LED Glass

# Easy and most affordable upgrade to LED without compromising look and feel

The energy efficiency and long-life of LED along with instant savings from a low initial investment. These lamps are designed with an optimal lamp size as well as light distribution and the familiar look and feel of conventional HID lamps.

### 1 Design highlights

- ✓ Glass housing for familiar look and feel as HID lamps
- ✓ Lowest up-front costs offering most affordable LED solution
- ✓ **Replicates HID burning arc length and location for closest light distribution**
- ✓ UL-type B lamp allows bypass of ballast for less maintenance over time
- ✓ Up to 2KV surge protection
- ✓ Suitable for indoor and outdoor applications



### Key features



CRI 80 available\*



3000K, 4000K & 5000K



E26 & EX39 base



25,000 hrs



Non-dimmable



Enclosed Rated



**67%<sup>1</sup>**  
Energy savings

**458W**

HID lamp  
**150w**  
with ballast

**150W**

Glass LED lamp  
**36w**  
CorePro

**\$5,016<sup>1</sup>**  
Energy savings per year

### Calculate energy savings<sup>1</sup>

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.

Number of lamps	100
Burning hours per year	4,000 hrs <sup>2</sup>
Energy costs	\$0.11/kWh <sup>3</sup>

1. Energy savings are based on the comparison of system power consumption = 458W vs system consumption based on TrueForce MasterClass High-bay 145W.
2. Energy use based on burning 1,000 hours per year.
3. Energy price based on the U.S. average of \$0.11/kWh.



## TrueForce MasterClass LED high-bay (UL TYPE B)

Lightweight model offering even more lumen output and customized light levels

**Distribute light exactly where it is needed** with this cost-effective retrofit alternative for traditional lamps operating in high-bay applications. Providing an easy to upgrade existing fixtures to LED and available in Type B options.

### 2 Design highlights

- ✓ Directional lighting with floor to ceiling light distribution (up & down light)
- ✓ Instant upgrade with hassle-free installs
- ✓ **Attach to a separate PIR sensor for motion sensing and dimmability**
- ✓ Passive thermal system (no fan)
- ✓ DLC qualified direct wire ballast bypass lamps
- ✓ Over temperature protection
- ✓ Up to 6kV surge protection



### Key features



CRI 80 available\*



4000K  
5000K



EX39  
base



50,000 hrs



Non-dimmable



Enclosed  
Rated



5.1



RoHS  
COMPLIANT



UL  
US



60/120°  
beam angle



67%<sup>1</sup>

Energy savings

458W

HID lamp  
**400w**  
with ballast

150W

TrueForce LED lamp  
**145w**  
MasterClass high-bay

**\$13,552<sup>1</sup>**

Energy savings per year

### Calculate energy savings<sup>1</sup>

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.

Number of lamps	100
Burning hours per year	4,000 hrs <sup>2</sup>
Energy costs	\$0.11/kWh <sup>3</sup>

1. Energy savings are based on the comparison of system power consumption = 458W vs system consumption based on TrueForce MasterClass High-bay 145W.  
2. Energy use based on burning 1,000 hours per year.  
3. Energy price based on the U.S. average of \$0.11/kWh.

## CorePro LED corn cobs

# The right fixture fit and selectable lumen levels at an affordable price

Replace conventional metal halide and high-pressure sodium lamps, making it hassle-free to retrofit and maximize efficiency. Designed to fit fixtures in most applications, these omnidirectional ballast-bypass lamps offer an ideal and affordable way to upgrade existing HID fixtures to the latest LED technology.

### 3 Design highlights

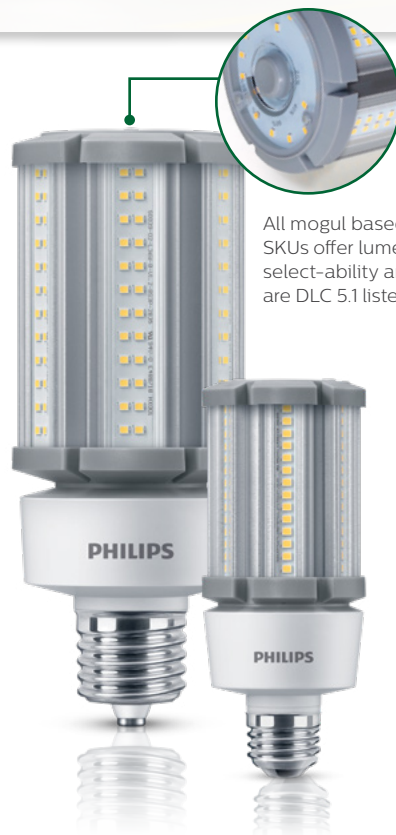
- ✓ Smaller design for the perfect-fit
- ✓ Universal burn
- ✓ Passive thermal system (no fan)
- ✓ UL damp rated, humidity resistant
- ✓ Over temperature protection
- ✓ Up to 6kV surge protection



18W 27W 36W  
E26 lamps



36W 45/54W 63W  
EX39 lamps



All mogul based SKUs offer lumen select-ability and are DLC 5.1 listed

### Key features



CRI 80 available\*



3000, 4000, & 5000K



E26 & EX39 bases



50,000 hrs



Non-dimmable



Enclosed Rated



DLC 5.1



RoHS COMPLIANT



UL US



Lumen Select Switch



68%<sup>1</sup>  
Energy savings

201W

HID lamp  
175w  
with ballast

63W

CorePro LED lamp  
63w  
MasterClass high-bay

\$6,072<sup>1</sup>  
Energy savings per year

## Calculate energy savings<sup>1</sup>

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.

Number of lamps	100
Burning hours per year	4,000 hrs <sup>2</sup>
Energy costs	\$0.11/kWh <sup>3</sup>

1. Energy savings are based on the comparison of system power consumption = 201W vs system consumption based on TrueForce MasterClass High-bay 63W.
2. Energy use based on burning 1,000 hours per year.
3. Energy price based on the U.S. average of \$0.11/kWh.



# TrueForce MasterClass LED corn cobs

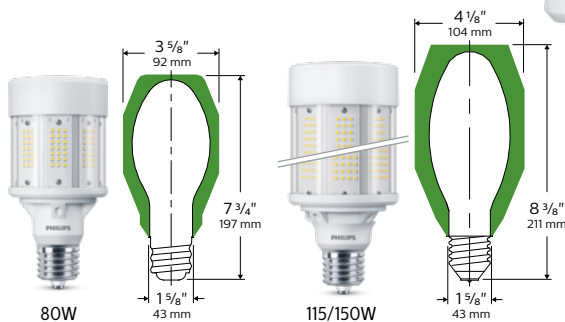
## Uncompromising efficacy and color quality

**Maximize energy savings and flexibility** of a high output Corn Cob lamp with the reassurance of a perfect fixture fit as well as lumen select-ability. Our tiny Active Cooling Corn Cob lamps offer up to 65,000 lumens and fit within **ANSI** standards, providing a seamless HID to LED upgrade.

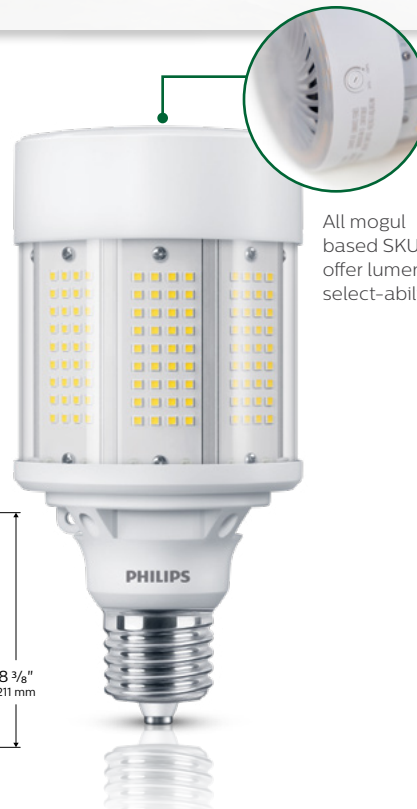


### 4 Design highlights

- ✓ Up to 1000W high watt replaceable
- ✓ Universal burn
- ✓ Active thermal system (smallest lamp)
- ✓ UL damp rated, humidity resistant
- ✓ Over temperature protection
- ✓ Up to 6kV surge protection

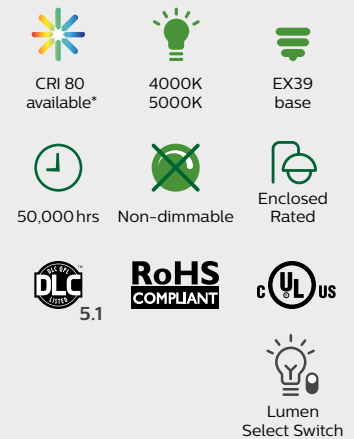


Smaller design fits within standard ANSI outlines of width and height for conventional HID lamps



All mogul based SKUs offer lumen select-ability

### Key features



### Calculate energy savings<sup>1</sup>

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.

Number of lamps	100
Burning hours per year	4,000 hrs <sup>2</sup>
Energy costs	\$0.11/kWh <sup>3</sup>

1. Energy savings are based on the comparison of system power consumption = 458W vs system consumption based on TrueForce MasterClass High-bay 150W.  
2. Energy use based on burning 1,000 hours per year.  
3. Energy price based on the U.S. average of \$0.11/kWh.

# MasterClass CCT Selectable LED corn cobs

## Three color temperatures in one lamp

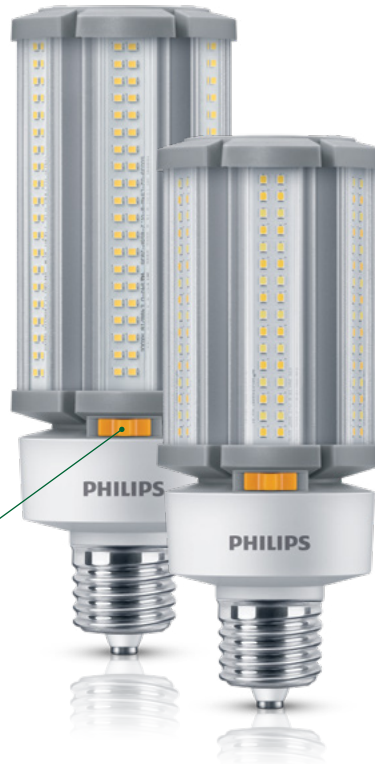
Streamline your inventory and customize the perfect color and lumen level for your application.

### 5 Design highlights

- ✓ Built-in dial to allow lumen selectability down to 20% before installation
- ✓ Universal burn
- ✓ Passive thermal system (no fan)
- ✓ UL damp rated, humidity resistant
- ✓ Over temperature protection
- ✓ All Mogul based lamps are DLC 5.1 Listed



Built in switch to allow pre-set of a choice of 3 color temperatures (CCT selectable)



### Key features



CRI 80 available\*



3000, 4000, & 5000K



E26 & E39 bases



50,000 hrs



Non-dimmable



Enclosed Rated



5.1



Lumen Select Switch



CCT with Select Switch



**68%<sup>1</sup>**  
Energy savings

**201W**

HID lamp  
**175w**  
with ballast

**63W**

CorePro LED lamp  
**63w**  
MasterClass high-bay

**\$6,072<sup>1</sup>**  
Energy savings per year

### Calculate energy savings<sup>1</sup>

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.

Number of lamps	100
Burning hours per year	4,000 hrs <sup>2</sup>
Energy costs	\$0.11/kWh <sup>3</sup>

1. Energy savings are based on the comparison of system power consumption = 458W vs system consumption based on TrueForce MasterClass High-bay 150W.
2. Energy use based on burning 1,000 hours per year.
3. Energy price based on the U.S. average of \$0.11/kWh.



## TrueForce MasterClass LED post top

# Save energy and retain your unique charm

Make it easy to upgrade to long lasting, energy saving LED technology without sacrificing your site's unique outdoor character. Save yourself the hassle of replacing your entire fixture, and retrofit to upgrade your urban lighting.



### 6 Design highlights

- ✓ Perfect fit compact size
- ✓ Lightweight SKUs as low as 365g
- ✓ Select SKUs have a NEMA socket
- ✓ Passive thermal system (no fan)
- ✓ UL damp rated, humidity resistant
- ✓ Over temperature protection
- ✓ Up to 10kV surge protection



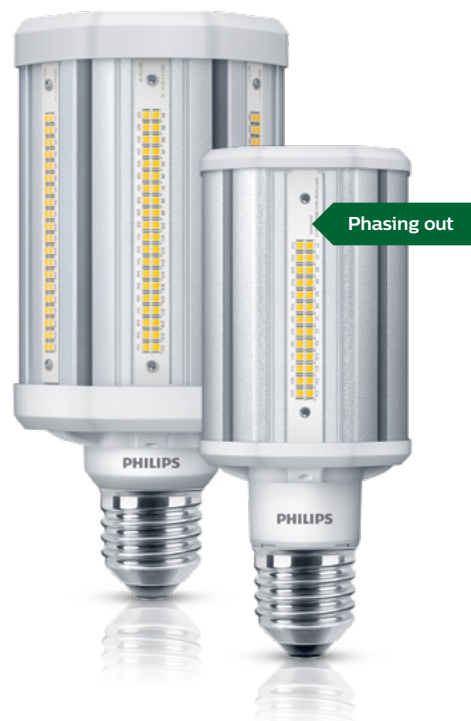
26W  
E26 lamp

35W

38W

E39 lamps

55W



### Key features



CRI 70  
available\*



2700, 3000  
& 4000K



E26 & E39  
bases



50,000 hrs



Non-dimmable



Enclosed  
Rated



27%<sup>1</sup>

Energy savings

130W

HID lamp  
**100w**  
lamp with ballast

35W

TrueForce LED lamp  
**35w**  
MasterClass high-bay

\$4,180<sup>1</sup>

Energy savings per year

## Calculate energy savings<sup>1</sup>

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.

Number of lamps	100
Burning hours per year	4,000 hrs <sup>2</sup>
Energy costs	\$0.11/kWh <sup>3</sup>

1. Energy savings are based on the comparison of system power consumption = 130W vs system consumption based on TrueForce MasterClass High-bay 35W.  
2. Energy use based on burning 1,000 hours per year.  
3. Energy price based on the U.S. average of \$0.11/kWh.

# CorePro LED high-bay/low-bay

## Superior brightness at a fraction of the cost

Perfect for a variety of low bay applications such as garages, warehouses and work-sites. They have a wide beam ranging between 200° and 240° to light up larger surface areas.

### 7 Design highlights

- ✓ Instant upgrade with hassle-free installation
- ✓ Direct wire ballast bypass lamps
- ✓ Passive thermal system (no fan)
- ✓ Over temperature protection
- ✓ Up to 1kV surge protection



### Key features



CRI 80  
available\*



3000, 4000  
& 5000K



E26 & EX39  
bases



25,000 hrs



Non-dimmable



cUL US



RoHS  
COMPLIANT



cUL US



**37%<sup>1</sup>**  
Energy savings

**201W**

HID lamp  
**175w**  
lamp with ballast

**75W**

CorePro LED lamp  
**75w**  
MasterClass high-bay

**\$5,544<sup>1</sup>**  
Energy savings per year

### Calculate energy savings<sup>1</sup>

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.

Number of lamps	100
Burning hours per year	4,000 hrs <sup>2</sup>
Energy costs	\$0.11/kWh <sup>3</sup>

1. Energy savings are based on the comparison of system power consumption = 201W vs system consumption based on TrueForce MasterClass High-bay 75W.
2. Energy use based on burning 1,000 hours per year.
3. Energy price based on the U.S. average of \$0.11/kWh.



## CorePro LED wall packs

# From wall packs to LED lamps with optimal light distribution

Replace metal halide and high-pressure sodium lamps, with an ideal and easy upgrade making it hassle-free to retrofit and maximize efficiency. Flat panel design with directional LED array delivers more dedicated light distribution and intensity versus general Corn Cob lamps.



### 8 Design highlights

- ✓ Smaller design for the perfect-fit
- ✓ Lumen-selectable with built-in dial
- ✓ Mogul based skus are lumen-selectable
- ✓ Flat Panel design for optimal light output
- ✓ Passive thermal system (no fan)
- ✓ Rotatable screw base
- ✓ Up to 4kV surge protection



### Key features



CRI 70  
available\*



3000, 4000  
& 5000K



E26 & EX39  
bases



50,000 hrs



Non-dimmable



Enclosed  
Rated



DLC



RoHS  
COMPLIANT



UL US



Lumen  
Select Switch



21%<sup>1</sup>

Energy savings

195W

HID lamp  
150W  
with ballast

40W

CorePro LED lamp  
40W  
Wall Pack

\$6,820<sup>1</sup>

Energy savings per year

## Calculate energy savings<sup>1</sup>

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.

Number of lamps	100
Burning hours per year	4,000 hrs <sup>2</sup>
Energy costs	\$0.11/kWh <sup>3</sup>

1. Energy savings are based on the comparison of system power consumption = 195W vs system consumption based on TrueForce MasterClass High-bay 40W.

2. Energy use based on burning 1,000 hours per year.

3. Energy price based on the U.S. average of \$0.11/kWh.

## TrueForce LED PARs

A contemporary aesthetic design with brighter and higher performance

Philips LED TrueForce PAR high lumen lamps are the perfect transition from CDM lamps to LED. Unique trimless design with single-optic V-groove lens perfect for accent lighting.

### 9 Design highlights

- ✓ Unique trim-less design with single-optic V-groove lens perfect for accent lighting
- ✓ No visible flickering or stroboscopic effect
- ✓ Deep dimming down to <5%
- ✓ Special over-heat protection design



### Key features



CRI 70/80 available\*



4000K  
5000K



EX39  
base



50,000 hrs



Non-dimmable



60/120°  
beam angle



**31%<sup>1</sup>**  
Energy savings

**75W**

PAR30S lamp  
**75w**  
with ballast

**23W**

TrueForce LED lamp  
**12w**  
MasterClass PAR30S

**\$2,288<sup>1</sup>**  
Energy savings per year

### Calculate energy savings<sup>1</sup>

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.

Number of lamps	100
Burning hours per year	4,000 hrs <sup>2</sup>
Energy costs	\$0.11/kWh <sup>3</sup>

1. Energy savings are based on the comparison of system power consumption = 75W vs system consumption based on TrueForce MasterClass High-bay 12W.
2. Energy use based on burning 1,000 hours per year.
3. Energy price based on the U.S. average of \$0.11/kWh.



## Ordering information

### TrueForce MasterClass LED high-bay (Type B) lamps

EX39

Product No. (6nc)	Model No. (12nc)	Description	Watts (W)	Replace Watts (W)	Lumens (lm)	Beam angle	CRI (min)	CCT (K)	Lifetime <sup>1</sup> (hrs)
TrueForce MasterClass EX39 lamps (120-277V)									
D 563932	929002496004	145HB/LED/840/D NB DL BB G2 4/1	145	250-400	20000	Narrow	80	4000	50,000
D 563940	929002496104	145HB/LED/840/D WB UDL BB G2 4/1	145	250-400	20000	Wide	80	4000	50,000
D 563956	929002496204	145HB/LED/850/D NB DL BB G2 4/1	145	250-400	20000	Narrow	80	5000	50,000
D 563964	929002496304	145HB/LED/850/D WB UDL BB G2 4/1	145	250-400	20000	Wide	80	5000	50,000
D 563972	929002496404	165HB/LED/840/D NB DL BB G2 4/1	165	400-600	25000	Narrow	80	4000	50,000
D 563980	929002496504	165HB/LED/840/D WB UDL BB G2 4/1	165	400-600	25000	Wide	80	4000	50,000
D 563998	929002496604	165HB/LED/850/D NB DL BB G2 4/1	165	400-600	25000	Narrow	80	5000	50,000
D 564005	929002496704	165HB/LED/850/D WB UDL BB G2 4/1	165	400-600	25000	Wide	80	5000	50,000
D 564013	929002497104	LED highbay sensor accessory	N/A	N/A	N/A	N/A	N/A	N/A	N/A



EX39  
145/165W



**TrueForce MasterClass**  
directional lighting with floor to ceiling  
light distribution (up & down light)

### CorePro LED Glass Lamps

E26 E39

Product No. (6nc)	Model No. (12nc)	Description	Watts (W)	Replace Watts (W)	Lumens (lm)	CRI (min)	CCT (K)	Lifetime <sup>1</sup> (hrs)
CorePro Corn Cob Glass (120/277V)								
W 577593	929003150604	32GC/LED/850/ND E39 BB 6/1	32	100	5000	80	5000	25,000
W 577601	929003150704	36GC/LED/850/ND E39 BB 6/1	36	150	5900	80	5000	25,000
W 577577	929003154804	32GC/LED/830/ND E39 BB 6/1	32	100	4600	80	3000	25,000
W 577585	929003154904	36GC/LED/830/ND E39 BB 6/1	36	150	5200	80	3000	25,000
CorePro Corn Cob Glass (120/277V)								
W 578815	929003507404	14GC/LED/830/ND E26 BB 6/1	14	70	2000	80	3000	25000
W 578823	929003507504	14GC/LED/840/ND E26 BB 6/1	14	70	2000	80	4000	25000
W 578831	929003507604	14GC/LED/850/ND E26 BB 6/1	14	70	2000	80	5000	25000
W 578849	929003507704	19GC/LED/830/ND E26 BB 6/1	19	100	3000	80	3000	25000
W 578856	929003507804	19GC/LED/840/ND E26 BB 6/1	19	100	3000	80	4000	25000
W 578864	929003507904	19GC/LED/850/ND E26 BB 6/1	19	100	3000	80	5000	25000
W 578872	929003508004	28GC/LED/830/ND E26 BB 6/1	28	125	4000	80	3000	25000
W 578880	929003508104	28GC/LED/840/ND E26 BB 6/1	28	125	4000	80	4000	25000
W 578898	929003508204	28GC/LED/850/ND E26 BB 6/1	28	125	4000	80	5000	25000
CorePro Corn Cob Glass (120/277V)								
W 578914	929003508304	34GC/LED/830/ND EX39 BB 6/1	34	150	5000	80	3000	25000
W 578922	929003508404	34GC/LED/840/ND EX39 BB 6/1	34	150	5000	80	4000	25000
W 578930	929003508504	34GC/LED/850/ND EX39 BB 6/1	34	150	5000	80	5000	25000
W 578948	929003508604	38GC/LED/830/ND EX39 BB 6/1	38	175	6000	80	3000	25000
W 578954	929003508704	38GC/LED/840/ND EX39 BB 6/1	38	175	6000	80	4000	25000
W 578962	929003508804	38GC/LED/850/ND EX39 BB 6/1	38	175	6000	80	5000	25000



EX39  
32/36W



EX39  
34/386W

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.










W = Wet location D = Damp location E = Suitable for enclosed fixtures

## Ordering information



**CorePro** LED corn cob lamps and **MasterClass CCT Selectable** LED corn cob lamps



	E26 18W		E26 27W		E26 36W		EX39 36W		EX39 45/54W		EX39 63W		EX39 36W		EX39 45/54W		EX39 63W
Product No. (6nc)	Model No. (12nc)	Description				Watts (W)	Replace Watts (W)	Lumens (lm)	CRI (min)	CCT (K)	Lifetime <sup>1</sup> (hrs)						
CorePro E26 lamps (120-277V)																	
D E	559633	929002395204	18CC/LED/830/ND E26 G2 BB 6/1			18	50-70	2300	80	3000	50,000						
D E	559641	929002395304	18CC/LED/840/ND E26 G2 BB 6/1			18	50-70	2400	80	4000	50,000						
D E	559658	929002395404	18CC/LED/850/ND E26 G2 BB 6/1			18	50-70	2500	80	5000	50,000						
D E	559666	929002395504	27CC/LED/830/ND E26 G2 BB 6/1			27	70-100	3500	80	3000	50,000						
D E	559674	929002395604	27CC/LED/840/ND E26 G2 BB 6/1			27	70-100	3700	80	4000	50,000						
D E	559682	929002395704	27CC/LED/850/ND E26 G2 BB 6/1			27	70-100	3800	80	5000	50,000						
D E	559690	929002395804	36CC/LED/830/ND E26 G2 BB 6/1			36	100-150	5000	80	3000	50,000						
D E	559708	929002395904	36CC/LED/840/ND E26 G2 BB 6/1			36	100-150	5200	80	4000	50,000						
D E	559716	929002396004	36CC/LED/850/ND E26 G2 BB 6/1			36	100-150	5400	80	5000	50,000						
CorePro EX39 lamps (100-277V)																	
D E	564120	929002998904	36CC/LED/830/LS EX39 G3 BB 3/1			36	150	5000	80	3000	50,000						
D E	564153	929002999004	36CC/LED/840/LS EX39 G3 BB 3/1			36	150	5200	80	4000	50,000						
D E	564161	929002999104	36CC/LED/850/LS EX39 G3 BB 3/1			36	150	5400	80	5000	50,000						
D E	564179	929002999204	45CC/LED/830/LS EX39 G3 BB 3/1			45	175	6200	80	3000	50,000						
D E	564187	929002999304	45CC/LED/840/LS EX39 G3 BB 3/1			45	175	6500	80	4000	50,000						
D E	564195	929002999404	45CC/LED/850/LS EX39 G3 BB 3/1			45	175	6700	80	5000	50,000						
D E	564203	929002999504	54CC/LED/830/LS EX39 G3 BB 3/1			54	250	7500	80	3000	50,000						
D E	564211	929002999604	54CC/LED/840/LS EX39 G3 BB 3/1			54	250	7800	80	4000	50,000						
D E	564229	929002999704	54CC/LED/850/LS EX39 G3 BB 3/1			54	250	8000	80	5000	50,000						
D E	564237	929002999804	63CC/LED/830/LS EX39 G3 BB 3/1			63	250	8600	80	3000	50,000						
D E	564245	929002999904	63CC/LED/840/LS EX39 G3 BB 3/1			63	250	9000	80	4000	50,000						
D E	564252	929003000004	63CC/LED/850/LS EX39 G3 BB 3/1			63	250	9200	80	5000	50,000						
MasterClass CCT Selectable EX39 lamps (100-277V)																	
D E	570465	929003065204	36CC/LED/3CCT/LS EX39 G3 BB 3/1			36	150 (100-150)	4800/5000/5000	80	3000/4000/5000	50,000						
D E	570473	929003065304	45CC/LED/3CCT/LS EX39 G3 BB 3/1			45	175 (150-175)	5800/6200/6200	80	3000/4000/5000	50,000						
D E	570481	929003065404	54CC/LED/3CCT/LS EX39 G3 BB 3/1			54	250 (150-250)	7000/7500/7500	80	3000/4000/5000	50,000						
D E	570499	929003065504	63CC/LED/3CCT/LS EX39 G3 BB 3/1			63	250 (175-250)	7800/8500/8500	80	3000/4000/5000	50,000						

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.

D = Damp location E = Suitable for enclosed fixtures



## Ordering information



### TrueForce MasterClass LED corn cob lamps

EX39



Product No. (6nc)	Model No. (12nc)	Description	Watts (W)	Replace Watts (W)	Lumens (lm)	CRI (min)	CCT (K)	Lifetime <sup>1</sup> (hrs)
<b>MasterClass EX39 lamps (120-277V)</b>								
Ⓔ 564054	929002996104	80CC/LED/840/LS EX39 G2 BB 3/1	80	250	12000	80	4000	50,000
Ⓔ 564062	929002996204	80CC/LED/850/LS EX39 G2 BB 3/1	80	250	12000	80	5000	50,000
Ⓔ 564070	929002996404	115CC/LED/840/LS EX39 G2 BB 3/1	115	320	18000	80	4000	50,000
Ⓔ 564088	929002996504	115CC/LED/850/LS EX39 G2 BB 3/1	115	320	18000	80	5000	50,000
Ⓔ 579003	929003507004	115CC/LED/840/LS EX39 G2 BB 277-480V 3/1	115	320	18000	80	4000	50,000
Ⓔ 579011	929003507104	115CC/LED/850/LS EX39 G2 BB 277-480V 3/1	115	320	18000	80	5000	50,000
Ⓔ 564096	929002996704	150CC/LED/840/LS EX39 G2 BB 3/1	150	400	24000	80	4000	50,000
Ⓔ 564112	929002996804	150CC/LED/850/LS EX39 G2 BB 3/1	150	400	24000	80	5000	50,000
Ⓔ 579029	929003507204	150CC/LED/840/LS EX39 G2 BB 277-480V 3/1	150	400	23500	80	4000	50,000
Ⓔ 579037	929003507304	150CC/LED/850/LS EX39 G2 BB 277-480V 3/1	150	400	23500	80	5000	50,000
<b>MasterClass EX39 lamps (277-480V)</b>								
Ⓔ 564732	929003019704	450CC/LED/840/LS EX39 BB 3/1	450	1000	65000	80	4000	50,000
Ⓔ 564740	929003019804	450CC/LED/850/LS EX39 BB 3/1	450	1000	65000	80	5000	50,000

### TrueForce MasterClass LED post top lamps

E26 E39



Product No. (6nc)	Model No. (12nc)	Description	Watts (W)	Replace Watts (W)	Lumens (lm)	CRI (min)	CCT (K)	Lifetime <sup>1</sup> (hrs)
<b>TrueForce MasterClass E26 lamps</b>								
473595	9290013964	26ED23.5/LED/727/ND 120-277V G2 4/1	26	70	2800	70	2700	50,000
473579	9290013962	26ED23.5/LED/730/ND 120-277V G2 4/1	26	70	3000	70	3000	50,000
473587	9290013963	26ED23.5/LED/740/ND 120-277V G2 4/1	26	70	3000	70	4000	50,000
<b>TrueForce MasterClass E39 lamps</b>								
473629	9290013967	35ED23.5/LED/727/ND 120-277V G2 4/1	35	100	5000	70	2700	50,000
473603	9290013965	35ED23.5/LED/730/ND 120-277V G2 4/1	35	100	5000	70	3000	50,000
473611	9290013966	35ED23.5/LED/740/ND 120-277V G2 4/1	35	100	5000	70	4000	50,000
473553	9290013960	38ED28/LED/727/ND 120-277V G2 CT 4/1	38	100	5000	70	2700	50,000
476044	9290018184	38ED28/LED/730/ND 120-277V G2 CT 4/1	38	100	5000	70	3000	50,000
476051	9290018185	38ED28/LED/740/ND 120-277V G2 CT 4/1	38	100	5000	70	4000	50,000
473652	9290013970	55ED28/LED/727/ND 120-277V G2 4/1	55	150	8000	70	2700	50,000
473637	9290013968	55ED28/LED/730/ND 120-277V G2 4/1	55	150	8000	70	3000	50,000
473645	9290013969	55ED28/LED/740/ND 120-277V G2 4/1	55	150	8000	70	4000	50,000

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.

Ⓔ = Suitable for enclosed fixtures

## Ordering information



### CorePro LED wall pack lamps



	Product No. (6nc)	Model No. (12nc)	Description	Watts (W)	Replace Watts (W)	Lumens (lm)	CRI (min)	CCT (K)	Lifetime <sup>1</sup> (hrs)
<b>CorePro E26 lamps (100-277V)</b>									
D E	559906	929002397904	20WP/LED/830/ND E26 G2 BB 6/1	20	70-100	2800	80	2800	50,000
D E	559914	929002398004	20WP/LED/840/ND E26 G2 BB 6/1	20	70-100	2900	80	2900	50,000
D E	559922	929002398104	20WP/LED/850/ND E26 G2 BB 6/1	20	70-100	3000	80	3000	50,000
<b>CorePro EX39 lamps (100-277V)</b>									
D E	564260	929003000104	40WP/LED/840/LS EX39 G3 BB 3/1	40	175 (100-175)	5800	80	4000	50,000
D E	564278	929003000204	40WP/LED/850/LS EX39 G3 BB 3/1	40	175 (100-175)	6000	80	5000	50,000
D E	564286	929003000304	60WP/LED/840/LS EX39 G3 BB 3/1	60	250 (175-250)	8700	80	4000	50,000
D E	564294	929003000404	60WP/LED/850/LS EX39 G3 BB 3/1	60	250 (175-250)	9000	80	5000	50,000

### CorePro LED high-bay/low-bay lamps



	Product No. (6nc)	Model No. (12nc)	Description	Watts (W)	Replace Watts (W)	Lumens (lm)	CRI (min)	CCT (K)	Lifetime <sup>1</sup> (hrs)
<b>CorePro E26 non-dimming lamps (120V)</b>									
	541912	929001989604	25HB/LED/830/ND FB 6/1	25	40	2650	80	2700	25,000
	541920	929001989704	38HB/LED/830/ND FB 6/1	38	55	3500	80	3000	25,000
	541938	929001989804	45HB/LED/830/ND FB 6/1	45	70	4500	80	4000	25,000
	541950	929001990004	25HB/LED/850/ND FB 6/1	25	40	2800	80	2700	25,000
	541960	929001990104	38HB/LED/850/ND FB 6/1	38	55	3800	80	3000	25,000
	541978	929001990204	45HB/LED/850/ND FB 6/1	45	70	4800	80	4000	25,000
	543066	929001999104	25HB/LED/840/ND FB 6/1	25	40	2800	80	2700	25,000
	543074	929001999204	38HB/LED/840/ND FB 6/1	38	55	3800	80	3000	25,000
	543082	929001999304	45HB/LED/840/ND FB 6/1	45	70	4800	80	4000	25,000
<b>CorePro EX39 non-dimming lamps (120-277V)</b>									
	542290	929001990304	65HB/LED/850/ND FB 4/1	65	125	7000	80	2700	25,000
	542316	929001990504	75HB/LED/850/ND FB 4/1	75	150	8500	80	3000	25,000
	542308	929001993004	65HB/LED/840/ND FB 4/1	65	125	7000	80	4000	25,000
	542324	929001993104	75HB/LED/840/ND FB 4/1	75	150	8500	80	4000	25,000

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.

D = Damp location E = Suitable for enclosed fixtures





## TrueForce LED PAR lamps



	Product No. (6nc)	Model No. (12nc)	Description	Watts (W)	Replace Watts (W)	Lumens (lm)	Beam Angle	CRI (min)	CCT (K)	Lifetime <sup>1</sup> (hrs)	MBCP
<b>MasterClass TrueForce E26 PAR30S non-dimming lamps</b>											
D	534685	929001917404	23PAR30S/PER/930/S15/ND/120V 6/1FB	23	75	1900	15	90	3000	25,000	12,000
D	534693	929001917504	23PAR30S/PER/930/F25/ND/120V 6/1FB	23	75	1900	25	90	3000	25,000	9,000
<b>MasterClass TrueForce E26 PAR30L non-dimming lamps</b>											
D	534644	929001917004	25.5PAR30L/PER/830/S15/ND/120-277V 6/1FB	25.5	75	2500	15	80	3000	25,000	16,000
D	534651	929001917104	25.5PAR30L/PER/830/F25/ND/120-277V 6/1FB	25.5	75	2500	25	80	3000	25,000	11,500
D	534669	929001917204	25.5PAR30L/PER/930/S15/ND/120-277V 6/1FB	25.5	75	2150	15	90	3000	25,000	13,500
D	534677	929001917304	25.5PAR30L/PER/930/F25/ND/120-277V 6/1FB	25.5	75	2150	25	90	3000	25,000	10,000
<b>MasterClass TrueForce E26 PAR38 non-dimming lamps</b>											
D	534586	929001916604	36PAR38/PER/830/S15/ND/120V 6/1FB	36	250	3800	15	80	3000	25,000	31,000
D	534594	929001916704	36PAR38/PER/830/F25/ND/120V 6/1FB	36	250	3800	25	80	3000	25,000	11,000
<b>MasterClass TrueForce PAR38 dimming lamps</b>											
D	569723	929003063504	27PAR38TrueF 830 F15 DIM 120V-277V 6/1FB	27	250	2800	15	80	3000	25,000	18,000
D	569731	929003063604	27PAR38TrueF 830 F25 DIM 120V-277V 6/1FB	27	250	2800	25	80	3000	25,000	8,500
D	534602	929001916804	33PAR38/PER/830/S15/DIM/120V 6/1FB	33	250	3000	15	80	3000	25,000	35,000
D	534610	929001916904	33PAR38/PER/830/F25/DIM/120V 6/1FB	33	250	3000	25	80	3000	25,000	10,000
D	534628	929001919604	33PAR38/PER/830/S15/DIM/120V B 6/1FB	33	250	3000	15	80	3000	25,000	35,000
D	534636	929001919704	33PAR38/PER/830/F25/DIM/120V B 6/1FB	33	250	3000	25	80	3000	25,000	10,000

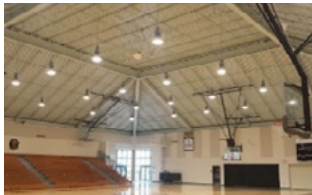




















































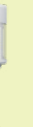















1. Lamps rated 15,000 hours is in an enclosed fixture. Life rating is 25,000 in an unenclosed. Warranty is based off of 15,000 hour claim.  
Lamps rated at 25,000 hours is for an unenclosed fixture. Life rating is 15,000 hours for enclosed. Warranty is based off of 25,000 hour claim.

D = Damp location ■ = ENERGY STAR® qualified

# HID Replacement Guide

Good things come in small packages...

Get the Perfect-Fit with our new line of smaller, lighter HID replacement lamps – because size matters!

High ceiling indoor, Warehouse, Gymnasiums, Schools, Retail		Street lighting, Pedestrian walkways			Street lighting		Outdoor Parking lots, Public spaces				
Applications											
											
70W HID & below	Highbay/ Lowbay		Post top			Tear drop		Shoe box / Area lighting			
	Corn Cob Gen 2		Corn Cob Gen 2		Urban Gen 2	Corn Cob Gen 2		Corn Cob Gen 2		Wall Packs	
100W HID											
150W HID											
175W HID											
250W HID											
400W HID	High bay Gen 2		Corn Cob Gen 2			Corn Cob Gen 2		Corn Cob Gen 2			
1000W HID											
											
											
	450W		450W			450W			450W		



Street and  
Roadway lighting



Outdoor walls of  
commercial structures



Indoor warehouse  
and parking garages



Outdoor commercial structure  
Visual & Security



Applications

Cobra head		Wall pack		Canopy / Ceiling mount		Flood lighting / Landscape		Applications
Corn Cob Gen 2	Wall Packs	Corn Cob Gen 2	Wall Packs	Corn Cob Gen 2	Wall Packs	Corn Cob Gen 2	Wall Packs	
 18W	 27W			 18W	 27W	 18W	 27W	70W HID & below
 27W	 36W	 20W		 27W	 36W	 27W	 36W	100W HID
 36W	 45W/54W	 20W	 40W	 36W	 45W/54W	 36W	 45W/54W	150W HID
 45W	 54W/63W	 40W	 60W	 45W	 54W/63W	 45W	 54W/63W	175W HID
Corn Cob Gen 2		Corn Cob Gen 2		Corn Cob Gen 2		Corn Cob Gen 2		Applications
 80W	 115W	 80W	 115W	 80W	 115W	 80W	 115W	250W HID
 115W	 150W	 115W	 150W	 115W	 150W	 115W	 150W	400W HID
 450W	 450W	 450W	 450W	 450W	 450W	 450W	 450W	1000W HID



© 2022 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify.

PLt-20018BR 03/23 [philips.com/LEDlamps](https://philips.com/LEDlamps)

Signify North America Corporation  
400 Crossing Blvd, Suite 600  
Bridgewater, NJ 08807  
Telephone: 855-486-2216

Signify Canada Ltd.  
281 Hillmount Road,  
Markham, ON, Canada L6C 2S3  
Telephone: 800-668-9008

Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V. All other trademarks are owned by Signify Holding or their respective owners.