

PHILIPS

LED lamps

HID replacements

A wide selection of simple retrofit solutions 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 saving¹
up to 68%



Direct LED replacement solution without replacing the fixture



Reliable lifetime²
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



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.

1 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



60/120° beam angle



DLC 5.1



RoHS COMPLIANT



UL US



Enclosed rated



67%¹
Energy savings

458W

HID lamp
400w
with ballast

150W

TrueForce LED lamp
145w
MasterClass high-bay

\$13,552¹
Energy savings per year

Calculate energy savings¹

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 ²
Energy costs	\$0.11/kWh ³

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 A)

Deliver substantial energy savings

Distribute light exactly where it is needed and use your existing ballast with this cost-effective retrofit alternative for traditional lamps operating in high-bay applications. Providing an easy to upgrade existing fixtures to LED with these plug-and-play options.

2 Design highlights

- ✓ Directional light distribution
- ✓ Instant upgrade with hassle-free installs
- ✓ Passive thermal system (no fan)
- ✓ Type A lamps works with existing ballast
- ✓ Direct connect with ballast
- ✓ Over temperature protection
- ✓ Up to 4kV surge protection



Key features


CRI 70/80 available*


4000K
5000K


EX39 base


50,000 hrs


Non-dimmable


60/120° beam angle



43%¹
Energy savings

458W

HID lamp
400w
with ballast

200W

TrueForce LED lamp
165w
MasterClass high-bay

\$11,352¹
Energy savings per year

Calculate energy savings¹

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 ²
Energy costs	\$0.11/kWh ³

1. Energy savings are based on the comparison of system power consumption = 458W vs system consumption based on TrueForce MasterClass High-bay 200W.
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



Key features



CRI 80 available*



3000, 4000, & 5000K



E26 & EX39 bases



50,000 hrs



Non-dimmable



Enclosed Rated



5.1



Enclosed rated



Lumen Select Switch



68%¹
Energy savings

201W

HID lamp
175w
with ballast

63W

CorePro LED lamp
63w
MasterClass high-bay

\$6,072¹
Energy savings per year

Calculate energy savings¹

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 ²
Energy costs	\$0.11/kWh ³

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

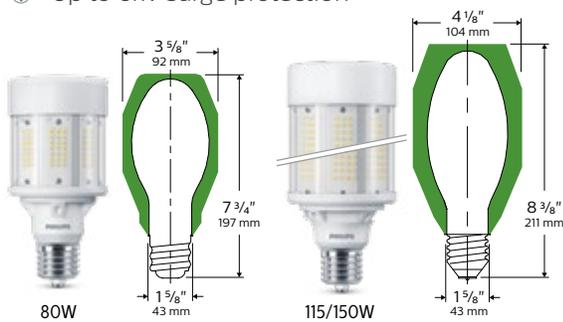
Uncompromising efficacy and color quality

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

- ✓ High wattage replacements up to 1000W
- ✓ 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

Key features

-  CRI 80 available*
-  4000K 5000K
-  EX39 base
-  50,000 hrs
-  Non-dimmable
-  Enclosed rated
-  DLC 5.1
-  RoHS COMPLIANT
-  UL US
-  Lumen Select Switch



67%¹
Energy savings

458W HID lamp
400w with ballast

150W TrueForce LED lamp
150w MasterClass high-bay

\$13,552¹
Energy savings per year

Calculate energy savings¹

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 ²
Energy costs	\$0.11/kWh ³

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



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



RoHS COMPLIANT



UL US



Enclosed rated



Lumen Select Switch



CCT with Select Switch



CCT with Select Switch



Calculate energy savings¹

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 ²
Energy costs	\$0.11/kWh ³

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



Key features

-  CRI 70 available*
-  2700, 3000 & 4000K
-  E26 & E39 bases
-  50,000 hrs
-  Non-dimmable
-  Enclosed Rated
-  DLC
-  RoHS COMPLIANT
-  UL US
-  SA US



Calculate energy savings¹

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 ²
Energy costs	\$0.11/kWh ³

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



25W

38W
E26 lamps

45W

65/75W
EX39 lamps

Key features



CRI 80 available*



3000, 4000 & 5000K



E26 & EX39 bases



25,000 hrs



Non-dimmable



RoHS COMPLIANT



UL US



37%¹
Energy savings

201W

HID lamp
175w
lamp with ballast

75W

CorePro LED lamp
75w
MasterClass high-bay

\$5,544¹
Energy savings per year

Calculate energy savings¹

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 ²
Energy costs	\$0.11/kWh ³

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

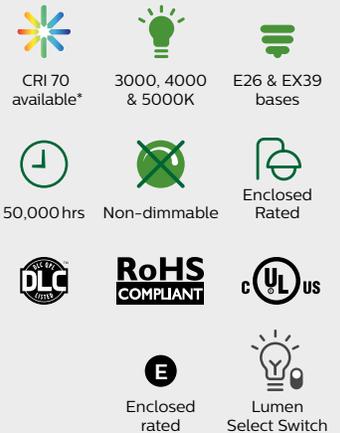
Replace metal halide and high-pressure sodium lamps, with an ideal and easy upgrade making it hassle-free to retrofit and maximize efficiency. Flat panel design with directional LED array delivers more dedicated light distribution and intensity versus general Corn Cob lamps.

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



Calculate energy savings¹

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 ²
Energy costs	\$0.11/kWh ³

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 that is 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%¹
Energy savings

75W

PAR30S lamp
75w
with ballast

23W

TrueForce LED lamp
12w
MasterClass PAR30S

\$2,288¹
Energy savings per year

Calculate energy savings¹

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 ²
Energy costs	\$0.11/kWh ³

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 ¹ (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 LED high-bay (Type A) non-dimming lamps

EX39

Product No. (6nc)	Model No. (12nc)	Description	Watts (W)	Replace Watts (W)	Lumens (lm)	Beam angle	CRI (min)	CCT (K)	Lifetime ¹ (hrs)
TrueForce MasterClass EX39 non-dimming lamps (120-277V)									
465609	929001264804	165HB/LED/740/ND NB DL 2/1	105	250	12,000	Narrow	70	4000	50,000
465625	929001265004	165HB/LED/740/ND WB DL 2/1	105	250	12,000	Wide	70	4000	50,000
465658	929001265304	165HB/LED/840/ND NB UDL 2/1	105	250	12,000	Narrow	80	4000	50,000
465674	929001265504	165HB/LED/840/ND WB UDL 2/1	105	250	12,000	Wide	80	4000	50,000
465609	929001264804	165HB/LED/740/ND NB DL 2/1	165	400	20,000	Narrow	70	4000	50,000
465625	929001265004	165HB/LED/740/ND WB DL 2/1	165	400	20,000	Wide	70	4000	50,000
465658	929001265304	165HB/LED/840/ND NB UDL 2/1	165	400	20,000	Narrow	80	4000	50,000
465674	929001265504	165HB/LED/840/ND WB UDL 2/1	165	400	20,000	Wide	80	4000	50,000



EX39
105/165W



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

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.

Ordering information



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



Product No. (6nc)	Model No. (12nc)	Description	Watts (W)	Replace Watts (W)	Lumens (lm)	CRI (min)	CCT (K)	Lifetime ¹ (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



Product No. (6nc)	Model No. (12nc)	Description	Watts (W)	Replace Watts (W)	Lumens (lm)	CRI (min)	CCT (K)	Lifetime ¹ (hrs)
MasterClass EX39 lamps (120-277V)								
Ⓔ 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
Ⓔ 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
MasterClass EX39 lamps (277-480V)								
Ⓔ 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



Product No. (6nc)	Model No. (12nc)	Description	Watts (W)	Replace Watts (W)	Lumens (lm)	CRI (min)	CCT (K)	Lifetime ¹ (hrs)
TrueForce MasterClass E26 lamps								
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
TrueForce MasterClass E39 lamps								
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 high-bay/low-bay lamps



Product No. (6nc)	Model No. (12nc)	Description	Watts (W)	Replace Watts (W)	Lumens (lm)	CRI (min)	CCT (K)	Lifetime ¹ (hrs)
CorePro E26 non-dimming lamps (120V)								
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
CorePro EX39 non-dimming lamps (120-277V)								
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

CorePro LED wall pack lamps



Product No. (6nc)	Model No. (12nc)	Description	Watts (W)	Replace Watts (W)	Lumens (lm)	CRI (min)	CCT (K)	Lifetime ¹ (hrs)	
CorePro E26 lamps (100-277V)									
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
CorePro EX39 lamps (100-277V)									
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

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 LED PAR lamps



Product No. (6nc)	Model No. (12nc)	Description	Watts (W)	Replace Watts (W)	Lumens (lm)	Beam Angle	CRI (min)	CCT (K)	Lifetime ¹ (hrs)	MBCP	
MasterClass TrueForce E26 PAR30S non-dimming lamps											
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
MasterClass TrueForce E26 PAR30L non-dimming lamps											
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
MasterClass TrueForce E26 PAR38 non-dimming lamps											
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
MasterClass TrueForce PAR38 dimming lamps											
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

Coming soon Glass HID replacement LED lamps

Same look, feel and size as conventional HID lamps at an even more affordable price.

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											
											
	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			
70W HID & below	 18W	 27W	 18W	 27W	 26W	 18W	 27W	 18W	 27W		
100W HID	 27W	 36W	 27W	 36W	 35W	 27W	 36W	 27W	 36W	 20W	
150W HID	 36W	 45W/54W	 36W	 45W/54W	 35W/55W	 36W	 45W/54W	 36W	 45W/54W	 20W	 40W
175W HID	 45W	 54W/63W	 45W	 54W/63W	 55W	 45W	 54W/63W	 45W	 54W/63W	 40W	 60W
250W HID	High bay Gen 2		Corn Cob Gen 2		Corn Cob Gen 2		Corn Cob Gen 2				
	 145W		 80W	 115W	 63W	 80W	 115W	 63W	 80W	 115W	
400W HID	 145W/165W		 115W	 150W		 115W	 150W		 115W	 150W	
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		70W HID & below
Corn Cob Gen 2	Wall Packs	Corn Cob Gen 2	Wall Packs	Corn Cob Gen 2	Corn Cob Gen 2	Wall Packs	100W HID	
18W	27W	18W	27W	18W	27W	18W	27W	150W HID
27W	36W	27W	36W	27W	36W	27W	36W	175W HID
36W	45W/54W	36W	45W/54W	36W	45W/54W	36W	45W/54W	250W HID
45W	54W/63W	45W	54W/63W	45W	54W/63W	45W	54W/63W	400W HID
20W	40W	20W	40W	20W	40W	20W	40W	1000W HID
20W	40W	20W	40W	20W	40W	20W	40W	
80W	115W	80W	115W	80W	115W	80W	115W	
115W	150W	115W	150W	115W	150W	115W	150W	
450W	450W	450W	450W	450W	450W	450W	450W	



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