

PHILIPS

LED lamps

MasterClass 180W ED18
LED Corn Cob



The "Perfect Fit" at "Selectable Power" Levels with uncompromising efficacy.

Philips 180W LED HID Power Selectable Replacement Lamp provides 400w equivalent lumen output from an ED18 shaped lamp. The smaller diameter than existing high wattage Lamps makes it possible to upgrade to LED while fitting in an even greater variety of fixtures & applications than before. No need to replace an entire fixture and no need for a ballast thus avoiding cost & long-term maintenance.



67%¹
Energy savings

400W

HID lamp
444W
with ballast

180W

ED18 LED Lamp
180W
MasterClass Corn Cob

\$13,728¹
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.

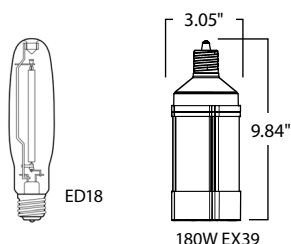
Number of lamps	100
Burning hours per year	4,000 hrs ²
Energy costs	\$0.11/kWh ³

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.

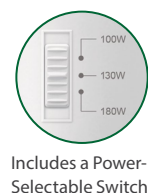
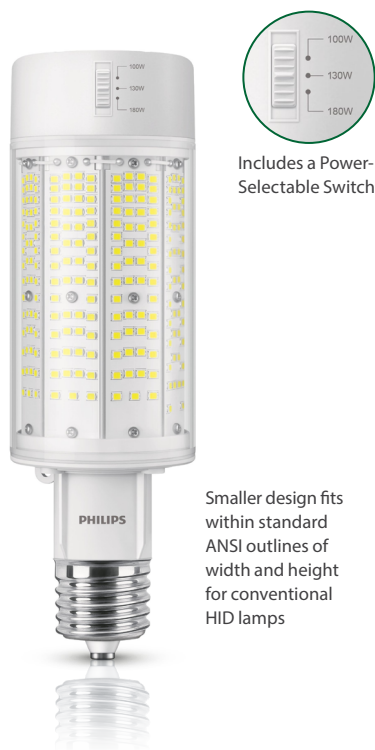
TrueForce MasterClass LED corn cobs

Design highlights

- ✓ Philips 400W -250W replacement LED ED18 HID lamps.
- ✓ Versatile lamp with Power Selectable Switch. Select from 3 different wattages (180/130/100W).
 - ✓ 100W:18,000 Lumens
 - ✓ 130W:23,000 Lumens
 - ✓ 180W:30,000 Lumens
- ✓ Compact ED18 design matching Ansi dimensions. Smaller diameter to fit even more fixtures & applications!
- ✓ Lightweight design for easier installation.
- ✓ 6KV Surge protection.
- ✓ Replace 7 additional Philips Conventional Lamp SKUs.
- ✓ LED Lamp solution for high wattage T14.5, T15 as well as ED18 Conventional lamps making it easier to transition to LED HID!
- ✓ Ballast bypass lamp. Simply remove the ballast for more longevity & less maintenance.



Ordering guide



Includes a Power-Selectable Switch

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

Key features



CRI 70+ available*



4000K
5000K



EX39 base



50,000 hrs



Enclosed rated



Power-Selectable Switch



DLC



RoHS COMPLIANT



UL US



Product No. (6nc)	Model No. (12nc)	Product Description	Watts (W)	Replace Watts (W)	Lumens (lm)	Volts	CRI (min)	CCT (K)	Pricing
MasterClass EX39 lamps (120-277V)									
607424	929004280404	180-130-100CC/LED/3PW/740/EX39 BB 3/1	180/130/100	400W MH 400/400/350W HPS 400/420/350W	100W: 18000 130W: 23000 180W: 30000	120-277	70+	4000K	
607432	929004280504	180-130-100CC/LED/3PW/750/EX39 BB 3/1	180/130/100	400W MH 400/400/350W HPS 400/420/350W	100W: 18000 130W: 23000 180W: 30000	120-277	70+	5000K	



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

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