

HID replacement

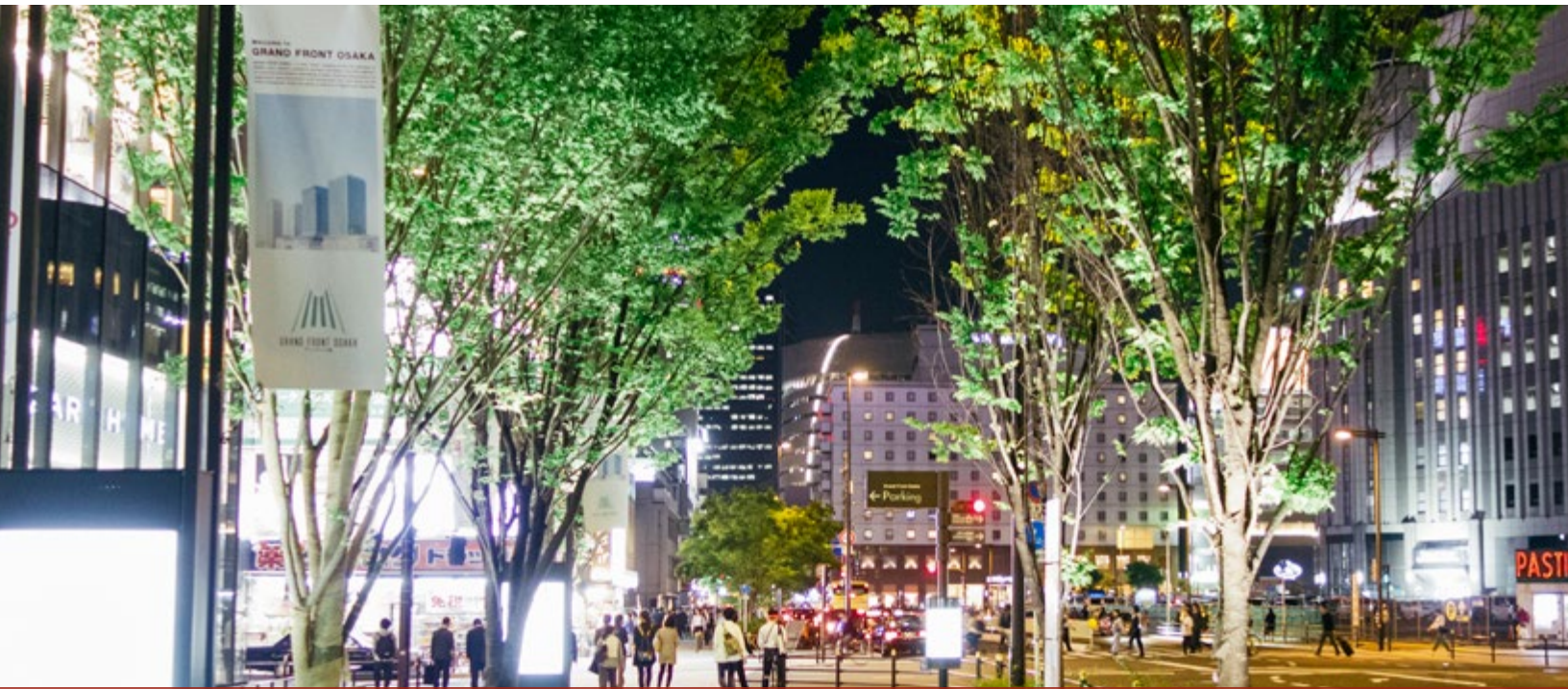
MasterClass and CorePro

Good things come in small packages

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.

Product features:

- 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



Visit philips.com/ledlamps for the latest LED lamp data and literature

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

MasterClass TrueForce Corn Cob lamps

The "perfect fit" and lumen selectable with uncompromising efficacy & color quality

Philips MasterClass High Lumen Corn Cob lamps offer market leading HID replacements in a new, smaller size. Each lamp is specifically designed to meet the **ANSI** profiles of the traditional lamps they are replacing, delivering the ideal LED upgrade solution.

Product benefits:

- Up to 70% energy savings¹
- Delivers up to 1000W replacements
- Long life lowers maintenance costs by reducing re-lamp frequency
- UL Type B lamps allow installer to bypass the ballast and reduce maintenance costs
- Sized to fit within industry standard ANSI measurements
- Includes additional safety cable for secure installation
- Built in switch for lumen selectable down to 20% levels.

Product features:

- Suitable for both enclosed and open fixtures
- Mogul-based lamps are DLC 5.1 rated
- Operational temperature range of -20°C to 55°C
- CRI 80 lamps enable both indoor and outdoor applications where color quality matters
- UL damp rated (UL1993 + UL1598C)
- Active Cooling thermal system
- Built in 8KV surge protection
- Available in both 4000K and 5000K color temperatures (CCT)
- 5-year limited warranty²

1. LED system watts of 35 compared to 130 of a C100S54/ALTO.

2. Visit signify.com/warranties for details.

MasterClass Corn Cob lamps



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



Product Number	Model Number	Description	Volts (V)	Watts (W)	Repl. Watts (W)	Base	CRI (min)	CCT (K)	Life ¹ (hrs)	Lumens (lm)	DLC ID (Type A) ²	Case Qty	Pallet Qty	Legend	
MasterClass Corn Cob															
D E	564054	929002996104	80CC/LED/840/LS EX39 G2 BB 3/1	120-277	80	250	EX39	80	4000	50,000	12000	Pending	3	360	A
D E	564062	929002996204	80CC/LED/850/LS EX39 G2 BB 3/1	120-277	80	250	EX39	80	5000	50,000	12000	Pending	3	360	A
D E	564070	929002996404	115CC/LED/840/LS EX39 G2 BB 3/1	120-277	115	320	EX39	80	4000	50,000	18000	Pending	3	312	B
D E	564088	929002996504	115CC/LED/850/LS EX39 G2 BB 3/1	120-277	115	320	EX39	80	5000	50,000	18000	Pending	3	312	B
D E	564096	929002996704	150CC/LED/840/LS EX39 G2 BB 3/1	120-277	150	400	EX39	80	4000	50,000	24000	Pending	3	312	C
D E	564112	929002996804	150CC/LED/850/LS EX39 G2 BB 3/1	120-277	150	400	EX39	80	5000	50,000	24000	Pending	3	312	C
D E	564732	929003019704	450CC/LED/840/LS EX39 BB 3/1	120-277	450	1000	EX39	80	4000	50,000	65000	Pending	3	60	D
D E	564740	929003019804	450CC/LED/850/LS EX39 BB 3/1	120-277	450	1000	EX39	80	5000	50,000	65000	Pending	3	60	D

1. Tested to B50 L70 requirement. 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).

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

D = Damp location E = Suitable for enclosed fixtures