The "Perfect Fit" & selectable "light levels" with uncompromising efficacy and color quality

Philips MasterClass High Lumen Corn Cob lamps offer market leading HID replacements, now with Lumen selectable technology. Each lamp is specifically designed to be small enough to meet the ANSI profiles of the traditional lamps they are replacing, delivering the ideal LED upgrade solution.

Benefits

- Up to 70% energy savings¹
- Delivers up to 1000W replacements
- Long life lowers maintenance costs by reducing re-lamp frequency
- Fits within industry ANSI outline offering perfect-fit in all HID fixtures
- Lumen selectable down to 20% output level
- UL Type B lamps allow installer to bypass the ballast and reduce maintenance costs

Features

- Includes additional safety cable for secure installation
- Suitable for both enclosed and open fixtures
- Operational temperature range of -20°C to 55°C
- CRI 80 lamps enable both indoor and outdoor applications where color quality matters
- DLC 5.1 mogul based lamps as well as medium based options
- UL damp rated (UL1993 + UL1598C)
- Active Cooling thermal system
- Built in 8KV surge protection
- Available in both 4000K and 5000K color temperatures (CCT)
- UL Type B system solution
- 5-year limited warranty²

¹ LED watts of 150w compared to 458w system watts for an MH400/U.
² Depending upon operating hours. For details please visit www.signify.com/warranties.
### Philips LED TrueForce MasterClass High Lumen Corn Cob lamps

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

<table>
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<th>Product No. (6nc)</th>
<th>Model No. (12nc)</th>
<th>Description</th>
<th>Watts (W)</th>
<th>Replace Watts (W)</th>
<th>Lumens (lm)</th>
<th>Volts (V)</th>
<th>CRI (min)</th>
<th>CCT (K)</th>
<th>Lifetime 1 (hrs)</th>
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**Energy saving solution**

For TrueForce Corn Cob G2 Active cooling 150W

- **Estimated lighting costs using a 400 MH lamp with ballast**
  - Present Wattage: 458 watts
  - Annual operating hours: 4,000 hours
    - 1,832,000 watt-hours
    - $201.52 annual energy cost

- **Estimated lighting costs using a Philips Corn Cob LED lamp**
  - Present Wattage: 150 watts
  - Annual operating hours: 4,000 hours
    - 600,000 watt-hours
    - $66.00 annual energy cost

**Total estimated savings:** $135.52/annum savings

Based on 100 lamps per space operating at 4000 hours per year.

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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