Philips TrueForce LED high lumen Type B lamp now offering compatibility with a separate PIR motion sensor for additional energy savings.

**Features & Benefits**

- Easy to install and works on wide voltage (120-277V)
- Ballast bypass (Type B) lamp takes ballast maintenance out of the equation
- Standard EX39 base to replace E and O rated metal halide lamps
- Wide operating temperature range for industrial applications: -40°F to 130°F (-40°C to 55°C)
- Energy saving over 50%¹
- Ability to pre-set light output level down to 10% to work with a PIR motion sensor
- Select a pre-set light output level which works with a PIR motion sensor
- Narrow and wide beam options to ensure uniform light distribution in application
- Instant-On for no warm-up time
- Suitable for use in enclosed fixtures
- Floor to ceiling lighting (wide beam lamp skus offer both up & downlights)
- 50,000 hour LED lifetime² vs a typical 20,000 hour rated average life for metal halide lamps
- DLC 5.1 compliant

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

PLT-18053BN 09/21
Philips TrueForce LED high bay (Type B) lamp

## Ordering, electrical and technical data

(Subject to change without notice)

### MasterClass EX39 lamps

<table>
<thead>
<tr>
<th>Product No. (6nc)</th>
<th>Model No. (12nc)</th>
<th>Description</th>
<th>Watts (W)</th>
<th>Replacement Watts (W)</th>
<th>Lumens (lm)</th>
<th>Volts (V)</th>
<th>Beam angle</th>
<th>CRI (min)</th>
<th>Lifetime¹ (hrs)</th>
<th>CCT (K)</th>
<th>Base</th>
<th>DLC</th>
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<td>20000</td>
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<td>Narrow</td>
<td>80</td>
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### PLT-18053BN 09/21 philips.com/lighting

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## Energy saving solution

### For TrueForce Type B high bay product

#### Estimated lighting costs using a 400 MH lamp with ballast

- Present Wattage: 458 watts
- Annual operating hours: 4,000 hours
- × 1,832.00 watt-hours = 1,832 kW per year
- × kwh rate of $0.11 = $201.52 per year
- × 100 lamps = $20,152.00 annual energy cost

#### Estimated lighting costs using a Philips high bay LED lamp

- Present Wattage: 165 watts
- Annual operating hours: 4,000 hours
- × 600.000 watt-hours = 600 kW per year
- × kwh rate of $0.11 = $67.60 per year
- × 100 lamps = $67,600.00 annual energy cost

**Total estimated savings:** $12,892.00 annual savings

Based on 100 lamps per space operating at 4,000 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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