Philips TrueForce LED high lumen Type B lamps are a new lightweight model offering even more lumen output.

Features & Benefits

- Easy to install and works on wide voltage (120-277V)
- Ballast bypass (Type B) lamp takes ballast maintenance out of the equation
- Instant-On for no warm-up time
- 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
- Narrow and wide beam options to ensure uniform light distribution in application
- Floor to ceiling lighting (wide beam lamp skus offer both up & downlights)
- 50,000 hour LED lifetime ² vs a typical 20,000 hour rated average life for metal halide lamps
- Suitable for use in enclosed fixtures
- DLC at launch

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 TrueForce LED Type B high bay lamps

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

<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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</thead>
<tbody>
<tr>
<td>557314</td>
<td>929002283104</td>
<td>145HB/LED/850/ND NB DL BB 4/1</td>
<td>165</td>
<td>400</td>
<td>25000</td>
<td>120-277</td>
<td>Narrow</td>
<td>80</td>
<td>50,000</td>
<td>4000</td>
<td>EX39</td>
<td>At launch</td>
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<td>Wide</td>
<td>80</td>
<td>50,000</td>
<td>4000</td>
<td>EX39</td>
<td>At launch</td>
</tr>
</tbody>
</table>

### 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
- **1,000** watt-hours = 1,832 watt-hours
- **kWh rate of $0.11** = $0.2152 per kWh
- **100 lamps** = $20,152 annual energy cost

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

Present Wattage: 165 watts

- Annual operating hours: 4,000 hours
- **1,000** watt-hours = 600,000 watt-hours
- **kWh rate of $0.11** = $7.25 per kWh
- **100 lamps** = $7,260 annual energy cost

**Total estimated savings: $12,892 annual 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 are for bare lamp without fixture.