High-Bay LED Value series
LED Replacements for HID Lighting

LED is the Future of Lighting

http://led-clair.jp/eng
**High-Bay LED Value Series**

**VS Series**
**Socket Type**
(suitable for E39 socket lamp)

**Compact yet Light Weight**

**400 Value VS300-400-50YT**
[Equivalent to 400W HID]
- 90W (Power consumption)
- 940g (Weight of Lamp unit)
- φ224mm

*Please use the included Safety Wires that are required to secure the unit and prevent possible droppage.*

**700 Value VS300-700-50YT**
[Equivalent to 700W HID]
- 150W (Power consumption)
- 1520g (Weight of Lamp unit)
- φ299mm

*Please use the included Safety Wires that are required to secure the unit and prevent possible droppage.*

**VTU Series**
**Pendant Type**

- Hang from Ceiling
- LED Drive may be attached or separate from Lamp Unit.

**400 Value VTU-400-50YT**
[Equivalent to 400W HID]
- 90W (Power consumption)
- 2410g (Total weight of Lamp unit, LED Driver and Bracket)

**700 Value VTU-700-50YT**
[Equivalent to 700W HID]
- 150W (Power consumption)
- 2990g (Total weight of Lamp unit, LED Driver and Bracket)

**Options**
Select from Various Options

**Lens**

- **Transparent lens** [Standard]
- **Glare lens**
  - Beam Angle 150°
LED Replacements for HID Lighting
Factory / Warehouse / Stadium / Shopping Mall / Sport hall... etc

VFR series
Eye-Bolt Type
Suitable for hanging down from ceiling by using a Chain

400 Value VFR-400-50YT
[Equivalent to 400W HID]
90W (Power consumption) 910g (Weight of Lamp unit)

*Chain sold separately

*Please use the included Safety Wires that are required to secure the unit and prevent possible droppage.

700 Value VFR-700-50YT
[Equivalent to 700W HID]
150W (Power consumption) 1490g (Weight of Lamp unit)

*Chain sold separately

*Please use the included Safety Wires that are required to secure the unit and prevent possible droppage.

VNA series
Flood Type
Suitable for Outdoor Lighting Can be Mounted on a Pole or Wall.

400 Value VNA-400-50YT
[Equivalent to 400W HID]
90W (Power consumption) 3510g (Total weight of Lamp unit, LED Driver and Bracket)

700 Value VNA-700-50YT
[Equivalent to 700W HID]
150W (Power consumption) 4090g (Total weight of Lamp unit, LED Driver and Bracket)

*LED Driver can be separated from Lamp unit

*Colors other than 5000K will be order-made.

Colour Temperature

- 5000K
  [Standard]
- 4000K
  [Option]
- 3000K
  [Option]
- 2400K
  [Option]
### Specification of LED Lamp

<table>
<thead>
<tr>
<th>Feature</th>
<th>High-Bay LED 400 (Value)</th>
<th>Equivalent to 400W HID</th>
<th>High-Bay LED 700 (Value)</th>
<th>Equivalent to 700W HID</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product Name</strong></td>
<td>VS300-400-50YT (Standard)</td>
<td></td>
<td>VS300-700-50YT (Standard)</td>
<td></td>
</tr>
<tr>
<td><strong>Model Name</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>224mm x 300mm</td>
<td></td>
<td>299mm x 300mm</td>
<td></td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>940g</td>
<td></td>
<td>1520g</td>
<td></td>
</tr>
<tr>
<td><strong>Power Consumption</strong></td>
<td>90W</td>
<td></td>
<td>150W</td>
<td></td>
</tr>
<tr>
<td><strong>Luminous Flux (Product output)</strong></td>
<td>9500lm</td>
<td></td>
<td>5000K</td>
<td></td>
</tr>
<tr>
<td><strong>Colour Temperature (CCT)</strong></td>
<td>(Option: 3000K or 4000K)</td>
<td></td>
<td>(Option: 3000K or 4000K)</td>
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</tr>
<tr>
<td><strong>Colour Rendering Index (CRI)</strong></td>
<td>Ra70</td>
<td></td>
<td>Ra70</td>
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<tr>
<td><strong>Socket</strong></td>
<td>E39</td>
<td></td>
<td>E39</td>
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</tr>
<tr>
<td><strong>Socket Size</strong></td>
<td>300mm</td>
<td></td>
<td>300mm</td>
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</tr>
<tr>
<td><strong>Beam Angle</strong></td>
<td>100°</td>
<td></td>
<td>100°</td>
<td></td>
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<tr>
<td><strong>Lens Type</strong></td>
<td>Transparent</td>
<td></td>
<td>Transparent</td>
<td></td>
</tr>
<tr>
<td><strong>Working Temperature</strong></td>
<td>-20° to +60°C</td>
<td></td>
<td>-20° to +60°C</td>
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</tr>
<tr>
<td><strong>Life Span</strong></td>
<td>50000h</td>
<td></td>
<td>50000h</td>
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<tr>
<td><strong>Warranty Period</strong></td>
<td>3 Years</td>
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<td>3 Years</td>
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</tbody>
</table>

### Specification of LED DRIVER

<table>
<thead>
<tr>
<th>Feature</th>
<th>90W LED DRIVER</th>
<th>150W LED DRIVER</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Model Name</strong></td>
<td>NSP400-90</td>
<td>NSP700-150</td>
</tr>
<tr>
<td><strong>Constant AC Supply</strong></td>
<td>AC100V/200V/220V</td>
<td>AC100V/200V/220V</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>75mm x 44mm x 243mm</td>
<td>75mm x 44mm x 243mm</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>1400g</td>
<td>1450g</td>
</tr>
<tr>
<td><strong>Input Voltage</strong></td>
<td>AC100V-AC254V</td>
<td>AC100V-AC254V</td>
</tr>
<tr>
<td><strong>Frequency</strong></td>
<td>50Hz/60Hz</td>
<td>50Hz/60Hz</td>
</tr>
<tr>
<td><strong>Input Current</strong></td>
<td>0.9A(100V) 0.45A(200V)</td>
<td>1.50A(100V) 0.75A(200V)</td>
</tr>
<tr>
<td><strong>Output voltage</strong></td>
<td>DC43V</td>
<td>DC43V</td>
</tr>
<tr>
<td><strong>IP Rating</strong></td>
<td>IP67</td>
<td>IP67</td>
</tr>
<tr>
<td><strong>Power Efficiency</strong></td>
<td>100V: 99%/200V: 98%</td>
<td>100V: 99%/200V: 98%</td>
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<tr>
<td><strong>Certification Specification</strong></td>
<td>PSE Certified</td>
<td>PSE Certified</td>
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</tbody>
</table>

*Luminous Flux Data is a running average taken from sample units. *The above product specifications were updated in October, 2014. Product specifications are subject to change without prior notice.

*Some products options may be made-to-order. *Not suitable for use in conditions with high humidity or where grease and soot may accumulate.

**Development & Manufacture**

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