Wakefield- Vette’s PinLED is designed with 99.7% high-purity aluminum cold forging process. The design of the series is simple and gorgeous, and the blade is cylindrical, which makes the convection heat dissipation reasonable. This is compatible with Light Modules such as Edison, Xicato, Bridgelux, Osram, Lumileds, Cree, Tridonic, LG, Lustrous, Prolight, Samsung, SHARP, Luminus and Philips.

**Features:**

- Mechanical compatibility with direct mounting of the LED modules to the LED cooler and thermal performance matching the lumen packages
- Several Diameters, Several Standard heights
- Forged from highly conductive aluminum
- Black Anodized
- Blank surface with no holes to mount any device listed below

**Compatible with:**

- Xicato XSM, XIM, XTM
- Bridgelux ESS, ESR, Vero 10, Vero 13, Vero 18 V-series
- Citizen CLL024-CLU028, CLL034-CLU038
- Cree XLamp CXA13xx, CXA15xx, CSA18xx
- Lumileds Luxeon COB’s 1203, 1204, 1205, Luxeon K arrays K12, K16
- Osram PrevaLED Core, SOLERIQ P and SOLERIQ S LED engines
  - Seoul Semiconductor ZC6, ZC12, ZC18, ZC25
  - Tridonic TALEXXmodule SLE modules
  - LG Innotek LEMWM18 10W, 13W, 17W
- Edison EdiLex SLM and EdiLex II COB LED engines
- Lustrous LUSTRON 6 series LL604F, LL608D, LL613F, LL620F
  - Prolight Opto PABS, PABA, PACB, PANA
- Samsung LC013, LC019, LC026 COB LED engines
- SHARP Mini Zenigata Intermo and Mega Zenigata LED engines
  - Philips Fortimo SLM LED engines
  - Vossloh-Schwabe LUGA Shop LED engines
  - Luminus C##9, C##14 LED engines

www.wakefield-vette.com
LED Heat Sinks

PINLED Heat Sink

48mm Diameter

<table>
<thead>
<tr>
<th>WKV Part Number</th>
<th>Description</th>
<th>Height (mm)</th>
<th>Diameter (mm)</th>
<th>Max. Lumen (lm)</th>
<th>Dissipated Power (W)</th>
<th>Thermal Resistance (°C/W)</th>
<th>Weight (g)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINLED-4830</td>
<td>Pin LED Heat Sink 48MM DIA 30H</td>
<td>30</td>
<td>48</td>
<td>1100</td>
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<td>PINLED-4850</td>
<td>Pin LED Heat Sink 48MM DIA 50H</td>
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<td>1400</td>
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</tbody>
</table>

*Note: All Bases Have no Holes

Thermal Data PINLED-4830

Thermal Data PINLED-4850
# LED Heat Sinks

## PINLED Heat Sink

**58mm Diameter**

<table>
<thead>
<tr>
<th>WKV Part Number</th>
<th>Description</th>
<th>Height (mm)</th>
<th>Diameter (mm)</th>
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<th>Thermal Resistance (°C/W)</th>
<th>Weight (g)</th>
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<tbody>
<tr>
<td>PINLED-5830</td>
<td>Pin LED Heat Sink 58MM DIA 30H</td>
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*Note: All Bases Have no Holes*

### Thermal Data PINLED-5830

<table>
<thead>
<tr>
<th>Dissipated Power Pd(W)</th>
<th>Heat sink to ambient thermal resistance Rhs-amb (°C/W)</th>
<th>Heat sink to ambient temperature rise Ths-amb (°C)</th>
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<tbody>
<tr>
<td>3</td>
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<td>6</td>
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### Thermal Data PINLED-5850

<table>
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<tr>
<th>Dissipated Power Pd(W)</th>
<th>Heat sink to ambient thermal resistance Rhs-amb (°C/W)</th>
<th>Heat sink to ambient temperature rise Ths-amb (°C)</th>
</tr>
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<tbody>
<tr>
<td>3</td>
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<tr>
<td>6</td>
<td>4.67</td>
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LED Heat Sinks

PINLED Heat Sink

68mm Diameter

<table>
<thead>
<tr>
<th>WKV Part Number</th>
<th>Description</th>
<th>Height (mm)</th>
<th>Diameter (mm)</th>
<th>Max. Lumen (lm)</th>
<th>Dissipated Power (W)</th>
<th>Thermal Resistance (°C/W)</th>
<th>Weight (g)</th>
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<tbody>
<tr>
<td>PINLED-6830</td>
<td>Pin LED Heat Sink 68MM DIA 30H</td>
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*Note: All Bases Have no Holes

Thermal Data PINLED-6830

Thermal Data PINLED-6860
LED Heat Sinks

PINLED Heat Sink

78mm Diameter

<table>
<thead>
<tr>
<th>WKV Part Number</th>
<th>Description</th>
<th>Height (mm)</th>
<th>Diameter (mm)</th>
<th>Max. Lumen (lm)</th>
<th>Dissipated Power (W)</th>
<th>Thermal Resistance (°C/W)</th>
<th>Weight (g)</th>
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</thead>
<tbody>
<tr>
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<td>Pin LED Heat Sink 78MM DIA 30H</td>
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*Note: All Bases Have no Holes

Thermal Data PINLED-7830

<table>
<thead>
<tr>
<th>Dissipated Power (Pd) (W)</th>
<th>Heat sink to ambient thermal resistance Δθs-amb (°C/W)</th>
<th>Heat sink to ambient temperature rise Δθs-amb (°C)</th>
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<tbody>
<tr>
<td>5</td>
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Thermal Data PINLED-7850

<table>
<thead>
<tr>
<th>Dissipated Power (Pd) (W)</th>
<th>Heat sink to ambient thermal resistance Δθs-amb (°C/W)</th>
<th>Heat sink to ambient temperature rise Δθs-amb (°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>3.5</td>
<td>21</td>
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<tr>
<td>12</td>
<td>2.67</td>
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