• Constant voltage output
• Compatible with Forward phase, Reverse phase, Triac, MLV, ELV Dimmers
• Cooling by free air convection
• Flicker-free dimming
• Dry and damp location
• cULus Listed, Class 2, Class P, Type HL
• Power Factor of 0.95

**ELECTRICAL**

<table>
<thead>
<tr>
<th>Wattage</th>
<th>30 Watt (PDCL.30.24)</th>
<th>60 Watt (PDCL.60.24)</th>
<th>96 Watt (PDCL.96.24)</th>
<th>288 Watt (PDCL.288.24)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Voltage Range</td>
<td>100/277 VAC</td>
<td>1100/277 VAC</td>
<td>100/277 VAC</td>
<td>100/277 VAC</td>
</tr>
<tr>
<td>Input Frequency</td>
<td>47-63Hz</td>
<td>47-63Hz</td>
<td>47-63Hz</td>
<td>47-63Hz</td>
</tr>
<tr>
<td>Input Inrush</td>
<td>7A, 50%, 420us</td>
<td>14A, 50%, 780us</td>
<td>20A, 50%, 1.6ms</td>
<td>43A, 50%, 1.0ms</td>
</tr>
<tr>
<td>Input AC Current (Max.)</td>
<td>0.5A@100VAC</td>
<td>0.9A@100VAC</td>
<td>1.3A@100VAC</td>
<td>3.4A@100VAC</td>
</tr>
<tr>
<td>Output Power</td>
<td>30W</td>
<td>60W</td>
<td>60W</td>
<td>288W (3x96W)</td>
</tr>
<tr>
<td>Output Current</td>
<td>1.25A</td>
<td>2.5A</td>
<td>2.5A</td>
<td>4.0A</td>
</tr>
<tr>
<td>Output Voltage</td>
<td>24V</td>
<td>24V</td>
<td>24V</td>
<td>24V</td>
</tr>
</tbody>
</table>

Note: PDCL.288.24 is controlled by 1 input circuit.

<table>
<thead>
<tr>
<th>Wattage</th>
<th>30 Watt (PDCL.30.24)</th>
<th>60 Watt (PDCL.60.24)</th>
<th>96 Watt (PDCL.96.24)</th>
<th>288 Watt (PDCL.288.24)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length (L)</td>
<td>6.50” (165.10mm)</td>
<td>7.40” (188.00mm)</td>
<td>8.66” (220.00mm)</td>
<td>11.85” (301.00mm)</td>
</tr>
<tr>
<td>Width (W)</td>
<td>3.62” (92.20mm)</td>
<td>3.62” (92.20mm)</td>
<td>3.66” (93.00mm)</td>
<td>4.25” (108.00mm)</td>
</tr>
<tr>
<td>Height (H)</td>
<td>1.03” (26.20mm)</td>
<td>1.03” (26.20mm)</td>
<td>1.61” (41.00mm)</td>
<td>1.81” (46.00mm)</td>
</tr>
<tr>
<td>Net Weight</td>
<td>2.0 lbs (0.95 kg)</td>
<td>2.4 lbs (1.1kg)</td>
<td>2.8 lbs (1.3 kg)</td>
<td>5.2 lbs (2.4 kg)</td>
</tr>
<tr>
<td>Ambient Temp. Range¹</td>
<td>-22 to 140°F (-40 to +60°C)</td>
<td>-22 to 140°F (-40 to +60°C)</td>
<td>-22 to 140°F (-40 to +60°C)</td>
<td>-22 to 140°F (-40 to +60°C)</td>
</tr>
<tr>
<td>Warranty</td>
<td>5 years</td>
<td>5 years</td>
<td>5 years</td>
<td>5 years</td>
</tr>
</tbody>
</table>

¹: If temperature exceeds 104°F (+40°C), please see derating curve (Page 2).

**Note:** All Pure DC® Lite drivers require a 10% minimum load to obtain optimal dimming performance.
**DERATING CURVE**

![Derating Curve Graph]

**Note:** Operations above 104°F (+40°C) failing to comply with derating curve above may result in voided warranty.

**DIMENSIONS**

**30 Watt (PDCL.30.24)**
- Length (L): 6.50" (165.10mm)
- Width (W): 3.62" (92.20mm)
- Height (H): 1.03" (26.20mm)
- Knock Out (D): 1/4 Trade Size, 0.50" (12.7mm) Diameter

**60 Watt (PDCL.60.24)**
- Length (L): 7.40" (188.00mm)
- Width (W): 3.62" (92.20mm)
- Height (H): 1.03" (26.20mm)
- Knock Out (D): 1/4 Trade Size, 0.50" (12.7mm) Diameter

**96 Watt (PDCL.96.24)**
- Length (L): 8.66" (220.00mm)
- Width (W): 3.66" (93.00mm)
- Height (H): 1.61" (41.00mm)
- Knock Out (D): 1/2 Trade Size, 0.86" (21.00mm) Diameter

**288 Watt (PDCL.288.24)**
- Length (L): 11.85" (301.00mm)
- Width (W): 4.25" (108.00mm)
- Height (H): 1.81" (46.00mm)
- Knock Out (D): 1/2 Trade Size, 0.86" (22.00mm) Diameter
WIRING DIAGRAM

INSTALLATION NOTES

1. Installation must be carried out by a qualified professional.
2. Driver must be installed with adequate ventilation around the case to allow for proper heat dissipation. See derating curve (page 2) for ambient temperature range.
3. Ensure that wiring is correct prior to applying power in order to prevent damage to the driver and/or luminaire system.
4. See installation guide for full instructions.
DIMMING NOTES

1. Driver dims from 1%-100% on compatible controls.
2. Driver is designed for use with forward phase, leading edge, MLV, triac, reverse phase, trailing edge and ELV Dimmers.
3. Use verified dimmers for guaranteed dimming performance (list below).

DIMMER COMPATIBILITY

The below dimmers have been tested and verified to achieve a low end dimming level of 1% or lower.*

FORWARD PHASE

1. Lutron Skylark® C.L: SCL-153PR-WH**
2. Lutron Diva® C.L: DVCL-153PR-WH**
3. Lutron Diva® C.L: DVWCL-153PH-LA**
4. Lutron Skylark® Contour C.L: CTCL-153PDH-LA**
5. Lutron Toggler CL®: TGCL-153PR-WH**
7. Lutron Skylark® Contour C.L: CT-600PR-IV
8. Lutron Skylark® Contour C.L: CT-600PR-WH
9. Lutron Diva®: DV-600PR-BL
10. Lutron Diva®: DV-600PR-WH
11. Lutron Toggler®: TG-600PR-LA
12. Lutron Toggler®: TG-600PR-IV
13. Lutron Toggler®: TG-600PR-WH
14. Lutron Toggler®: TG-10PR-WH
15. Lutron Skylark®: S-600PR-WH
16. Lutron Maestro®: MRF2-6ND-120-AL
17. Lutron Nova T**: NTLV-600-277-WH
18. Lutron Nova T**: NTF-10-277
19. Leviton True Touch™: TTI06-1LZ
20. Leviton : 6602

REVERSE PHASE

1. Lutron Maestro®: MSCELV-600M
2. Lutron Maestro®: MEF2-6ELV-WH
3. Leviton Renoir™ II: AWSMT-EAW
4. Leviton Renoir™ II: AWSMT-EAW (277V)

* Dimming percentage is defined as Optical Output at the lowest level possible on the dimmer divided by Optical Output at full.
** Dimmer with trim adjustment.