GENERAL DESCRIPTION
Neptun's Induction Circline Stem Retrofit Kits are designed for replacing existing indoor and outdoor HID lighting fixtures. The 74 series kit is offered in a variety of wattages and the universal mounting position makes it an excellent choice for a variety of applications. It can replace existing HID & HPS fixtures up to 400W.

APPLICATION
- Parking Garage Fixtures
- Gas Station Fixtures
- Canopy Fixtures
- Decorative Acorn Fixtures
- Shoebox Fixtures
- High/Low-Bay Fixtures

STRUCTURE, MATERIALS, & FEATURES
- Cast aluminum support bracket with stainless steel hardware.
- Custom designed aluminum stem.
- Supplied with medium (E26) or mogul base (E40).
- Teflon coated wiring protected from moisture, dust, heat, & cold.
- Inductively coupled circular induction bulb.
- High power factor, low THD electronic ballast with surge protection.
- Instant-On flicker-free Cold Start and Hot Re-Start.
- Amalgam technology with very low mercury content.
- High quality glare-free light with high CRI (83).
- Bright white light (5000°K) for greater visibility and safety.
- Advance phosphors for high lumen output and high lumen maintenance.
- Up to 20 year maintenance free operation.
- 5 Year System Warranty.

ORDERING INFORMATION
Sample Number: 74040RK-UNV-850-E26
Custom options and accessories available. Please consult factory

<table>
<thead>
<tr>
<th>Series</th>
<th>Lamp Wattage</th>
<th>System</th>
<th>Voltage</th>
<th>Color Temp</th>
<th>Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>74</td>
<td>Circline - No Stem</td>
<td>040 = 40 W 080 = 80 W 100 = 100 W 120 = 120 W 150 = 150 W 200 = 200 W 250 = 250 W 300 = 300 W</td>
<td>RK = Retrofit Kit * Bulb &amp; Ballast Included</td>
<td>UNV = 120-277 VAC 277V = 277 VAC * 347V = 347 VAC ** 480V = 480 VAC **</td>
<td>830 = 3000°K 841 = 4100°K 850 = 5000°K *</td>
</tr>
</tbody>
</table>

Incredible 100,000 hrs
INDUCTION
CIRCLINE - NO STEM RETROFIT KITS

PRODUCT INFORMATION

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Description</th>
<th>Rated Watts</th>
<th>Input Watts</th>
<th>Initial Lumens</th>
<th>Universal Line Voltage (VAC)</th>
<th>Max Line Current (Amp)</th>
<th>THD</th>
<th>Power Factor</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>74040RK-UNV</td>
<td>Circline RetroFit Kit</td>
<td>40</td>
<td>41</td>
<td>3,200</td>
<td>120-277</td>
<td>0.35-0.15</td>
<td>&lt;10%</td>
<td>0.98</td>
<td>3 lbs</td>
</tr>
<tr>
<td>74080RK-UNV</td>
<td>Circline RetroFit Kit</td>
<td>80</td>
<td>82</td>
<td>6,400</td>
<td>120-277</td>
<td>0.69-0.30</td>
<td>&lt;10%</td>
<td>0.98</td>
<td>4 lbs</td>
</tr>
<tr>
<td>74100RK-UNV</td>
<td>Circline RetroFit Kit</td>
<td>100</td>
<td>105</td>
<td>8,000</td>
<td>120-277</td>
<td>0.87-0.37</td>
<td>&lt;10%</td>
<td>0.98</td>
<td>4 lbs</td>
</tr>
<tr>
<td>74120RK-UNV</td>
<td>Circline RetroFit Kit</td>
<td>120</td>
<td>125</td>
<td>9,600</td>
<td>120-277</td>
<td>1.05-0.45</td>
<td>&lt;10%</td>
<td>0.98</td>
<td>5 lbs</td>
</tr>
<tr>
<td>74150RK-UNV</td>
<td>Circline RetroFit Kit</td>
<td>150</td>
<td>158</td>
<td>12,000</td>
<td>120-277</td>
<td>1.31-0.56</td>
<td>&lt;10%</td>
<td>0.98</td>
<td>5 lbs</td>
</tr>
<tr>
<td>74200RK-UNV</td>
<td>Circline RetroFit Kit</td>
<td>200</td>
<td>210</td>
<td>16,000</td>
<td>120-277</td>
<td>1.75-0.75</td>
<td>&lt;10%</td>
<td>0.98</td>
<td>6 lbs</td>
</tr>
<tr>
<td>74250RK-UNV</td>
<td>Circline RetroFit Kit</td>
<td>250</td>
<td>262</td>
<td>20,000</td>
<td>120-277</td>
<td>2.18-0.94</td>
<td>&lt;10%</td>
<td>0.98</td>
<td>6 lbs</td>
</tr>
<tr>
<td>74300RK-277V</td>
<td>Circline RetroFit Kit</td>
<td>300</td>
<td>325</td>
<td>24,000</td>
<td>277</td>
<td>1.13</td>
<td>&lt;10%</td>
<td>0.98</td>
<td>6 lbs</td>
</tr>
</tbody>
</table>

SPECIFICATIONS

- Ballast Type: Electronic
- Start Method: InstantON
- Hot Re-start: InstantON
- Input Line Voltage: 120-277 VAC
- Input Line Frequency: 50/60 Hz
- Lamp Operating Frequency: 250 kHz
- Ballast Off-State Draw: 0 Watts
- Sound Rating: Class A
- ANSI Surge Protection: Class A
- Lamp / Ballast System Life: 100,000 Hrs.
- Lumen Maintenance @75,000 Hrs: > 70%
- Color Temperature: 5000°K
- Color Rendering Index (CRI): 83
- Minimum Starting Temperature: -20°F
- Maximum Starting Temperature: 160°F
- Lumen per Watt: 80
- Shock / Vibration Resistant: Yes
- Power Factor: > 0.98
- Total Harmonic Distortion: < 10%
- Inrush Current Peak: < 10 Amp
- ETL Listed / UL Standard 1598: Yes
- FCC Compliance: Part 18, Subp. C
- Warranty: 5 Year

BALLAST DIMENSIONS

<table>
<thead>
<tr>
<th>Wattage</th>
<th>M.L.</th>
<th>W</th>
<th>L</th>
<th>H</th>
</tr>
</thead>
<tbody>
<tr>
<td>40W</td>
<td>6.00 in.</td>
<td>3.00 in.</td>
<td>5.25 in.</td>
<td>1.75 in.</td>
</tr>
<tr>
<td>80W</td>
<td>6.00 in.</td>
<td>3.00 in.</td>
<td>5.25 in.</td>
<td>1.75 in.</td>
</tr>
<tr>
<td>100W</td>
<td>7.75 in.</td>
<td>3.00 in.</td>
<td>7.00 in.</td>
<td>1.75 in.</td>
</tr>
<tr>
<td>120W</td>
<td>7.50 in.</td>
<td>4.50 in.</td>
<td>6.25 in.</td>
<td>2.00 in.</td>
</tr>
<tr>
<td>150W</td>
<td>7.50 in.</td>
<td>4.50 in.</td>
<td>6.25 in.</td>
<td>2.00 in.</td>
</tr>
<tr>
<td>200W</td>
<td>7.50 in.</td>
<td>4.50 in.</td>
<td>6.25 in.</td>
<td>2.00 in.</td>
</tr>
<tr>
<td>250W</td>
<td>7.50 in.</td>
<td>4.50 in.</td>
<td>6.25 in.</td>
<td>2.00 in.</td>
</tr>
<tr>
<td>300W</td>
<td>7.50 in.</td>
<td>4.50 in.</td>
<td>6.25 in.</td>
<td>2.00 in.</td>
</tr>
</tbody>
</table>

RECOMMENDED APPLICATION FIXTURES

* Contact Factory for Application Verification.