INDUCTION - Custom Parking/Area Retrofit Kit

100,000 Hour Life

Gardco - Circa 20 (CR20) Series

Neptun Certified Retrofit Kit for Gardco Lighting - Circa 20 (CR20) Series

Specification:
- Ballast Type: Electronic InstantON™
- Start Method: InstantON™
- Hot Re-start:
- Universal Input Line Voltage: 120-277 VAC
- Input Line Frequency: 50/60 Hz
- Lamp/Ballast System Life: 100,000 Hrs.
- Lumen Maintenance @75,000 Hrs
- Color Temperature: 5000° K above 83
- Color Rendering Index (CRI): above 83
- Minimum Starting Temperature: -20°F
- Maximum Operating Temperature: 160°F
- Lamp Operating Frequency: 250 kHz
- Power Factor: > 0.98
- Total Harmonic Distortion: < 10%
- Inrush Current Peak: < 10 Amp
- FCC Compliance: Part 18, Subp. C

Applications, Features, and Benefits
- Custom retrofit kit for the Gardco Lighting - Circa 20 (CR20) Series fixtures
- Ideal replacement for up to a 200W MH system
- Custom designed anodized aluminum reflector for increased illumination
- Bright White Light (5000°K) for greater visibility and safety
- High Quality - Glare Free light with CRI above 83
- Electronic Ballasts made with long life components
- InstantON flicker-free Cold Start and Hot Re-Start
- High Power Factor, Low THD Ballast technology
- Advanced phosphors for high Lumen Maintenance and high lumen output
- Made with Amalgam Technology
- Up to 20 year maintenance free operation
- Retrofit kit comes completely assembled for simple drop-in installation
- 5 year system warranty

Product Information - Retrofit Kit (Bulb-Ballast-Reflector)

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Watts</th>
<th>Initial Lumens</th>
<th>Line Voltage Supply</th>
<th>Line Current</th>
<th>Total Harmonic Distortion (THD)</th>
<th>Power Factor</th>
<th>Packaging Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>GCR20-40W-RK-UNV</td>
<td>Custom Retrofit Kit</td>
<td>40</td>
<td>3,200</td>
<td>120-277 VAC</td>
<td>0.35-0.15 Amp</td>
<td>&lt;10%</td>
<td>0.98</td>
<td>18 in. 457 mm</td>
</tr>
<tr>
<td>GCR20-80W-RK-UNV</td>
<td>Custom Retrofit Kit</td>
<td>80</td>
<td>6,400</td>
<td>120-277 VAC</td>
<td>0.69-0.30 Amp</td>
<td>&lt;10%</td>
<td>0.98</td>
<td>18 in. 457 mm</td>
</tr>
<tr>
<td>GCR20-100W-RK-UNV</td>
<td>Custom Retrofit Kit</td>
<td>100</td>
<td>8,000</td>
<td>120-277 VAC</td>
<td>0.87-0.37 Amp</td>
<td>&lt;10%</td>
<td>0.98</td>
<td>18 in. 457 mm</td>
</tr>
</tbody>
</table>

Ordering Information
(SAMPLE NUMBER: GCR20-40W-RK-UNV)

Series
GCR20 = Custom Kit
Gardco Circa 20 (CR20)

Wattage
40W = 40W
80W = 80W
100W = 100W

Type
RK = Retrofit Kit

Voltage
UNV = Universal

Product Weight = 7-10 lbs.
1.) REMOVE EXISTING COMPONENTS
A.) Disconnect power to fixture. (It is recommended to remove fixture from pole for easy installation)
B.) Open fixture housing.
C.) Remove existing reflector, socket, ballast, ignitor, and any other existing components.

2.) MOUNT NEW COMPONENTS
A.) Use the existing mounting stems to line up new reflector and brackets. (Figure A & B)
B.) Secure new reflector to the housing using existing lens screws. (Figure C)
C.) Wire the ballast to the power supply.
D.) For wiring diagram, see Pg.2

CAUTION!
DISCONNECT POWER SUPPLY BEFORE INSTALLATION OR MAINTENANCE.
INSTALLATION OF THIS PRODUCT SHOULD BE DONE BY A FULLY QUALIFIED AND LICENSED ELECTRICIAN OR TECHNICIAN.
INFORMATION

A.) The Gardco Lighting Circa 20 series fixtures can be retrofitted using a Neptun custom Circline Retrofit Kit.
B.) This fixture requires a custom designed Neptun reflector and brackets
C.) This fixture is retrofitted using a Neptun 80W induction bulb and Electronic Ballast.
D.) This retrofit is available in 40W, 80W, 100W
E.) The Neptun Electronic ballast is for universal voltage 120V - 277V.

ORDERING INFORMATION

- 40 Watt Bulb, Ballast, & Reflector = GCR20-40W-RK-UNV
- 80 Watt Bulb, Ballast, & Reflector = GCR20-80W-RK-UNV
- 100 Watt Bulb, Ballast, & Reflector = GCR20-100W-RK-UNV

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