



Incredible **100,000 hrs**

### GENERAL DESCRIPTION

Neptun's Induction Certified Gardco CA 22" Retrofit Kits are designed for retrofitting existing HID systems. The GCA22 series kit is offered in a variety of wattages and the custom engineered reflector and kit allows for a simple retrofit installation. It can replace existing HID lighting systems up to 400W.

### APPLICATION

- Retrofit of existing Gardco CA 22" area light fixtures.

### STRUCTURE, MATERIALS, & FEATURES

- Custom designed anodized aluminum reflectors for superior illuminance.
- Custom designed mounting brackets.
- Teflon coated wiring protected from moisture, dust, heat, & cold.
- Inductively coupled circular induction bulb.
- High power factor, low THD electronic ballast.
- Instant-On flicker-free Cold Start and Hot Re-Start.
- Amalgam technology with very low mercury content. (Less than 4 mg)
- 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: GCA22-200W-RK-UNV-850  
 Custom options and accessories available. Please consult factory

Series	Lamp Wattage	System	Voltage	Color Temp
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<b>GCA22</b> = Gardco CA series 22" retrofit kit	<b>120W</b> = 120 W <b>150W</b> = 150 W <b>200W</b> = 200 W <b>225W</b> = 225 W	<b>RK</b> = Retrofit Kit * Bulb & Ballast	<b>UNV</b> = 120-277 VAC	<b>830</b> = 3000°K <b>841</b> = 4100°K <b>850</b> = 5000°K * * Standard



### PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
GCA22-120W-RK-UNV	Certified Retrofit Kit	120	125	9,600	120-277	1.05-0.45	<10%	0.98	12 lbs
GCA22-150W-RK-UNV	Certified Retrofit Kit	150	162	12,000	120-277	1.31-0.56	<10%	0.98	12 lbs
GCA22-200W-RK-UNV	Certified Retrofit Kit	200	210	16,000	120-277	1.75-0.75	<10%	0.98	14 lbs
GCA22-225W-RK-UNV	Certified Retrofit Kit	225	235	18,000	120-277	1.96-0.85	<10%	0.98	14 lbs

### SPECIFICATIONS

- Ballast Type ..... Electronic
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Universal 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 @75,000Hrs ..... > 70%
- Color Temperature ..... 5000°K
- Color Rendering Index (CRI) ..... 83
- Minimum Starting Temperature ..... -20°F
- Maximum Starting Temperature ..... 160°F
- Lumens 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
- IP Rating ..... IP65
- Warranty ..... 10 Year

### INSTALLATION

Remove all existing components



Drop in Neptun Retrofit kit



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Neptun Light, Inc. reserves the right to change materials or modify the design of its product without notification as part of the company's continuing product improvement program.  
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