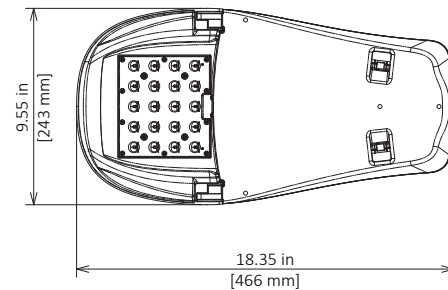
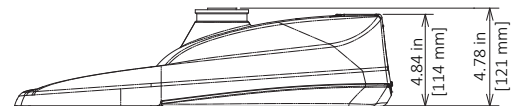
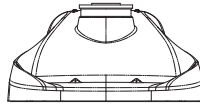


# GreenCobra™ Jr. LED Street Light GCJ

## Luminaire Data

**Weight** 7 lbs [3.2 kg]  
**EPA** 0.39 ft<sup>2</sup>



## Ordering Information

Sample Catalog No. GCJ1 20G MV NW 2 GY 580

Product	LED No. & Type	Voltage	Color Temperature <sup>1</sup>	Distribution	Finish <sup>2</sup>	Drive Current <sup>3</sup>	Options
<b>GCJ1</b> 700mA Max Power Supply	<b>20G</b>	<b>MV</b> 120-277V	<b>NW</b> 4000K	<b>2</b> Type 2 <b>3</b> Type 3	<b>GY</b> Gray <b>DB</b> Dark Bronze <b>BK</b> Black	<b>350</b> <sup>4</sup> 350mA <b>580</b> <sup>4</sup> 580mA <b>700</b> 700mA <b>1A</b> <sup>5</sup> 1A	<b>BSK</b> Bird Spider Kit <b>SPB</b> Square Pole Bracket <b>RPB</b> Round Pole Bracket <b>PTB</b> Pole-Top Bracket <b>HSS</b> <sup>6</sup> House Side Shield <b>CSS</b> <sup>7</sup> Cul-de-sac Side Shield <b>FDC</b> <sup>8</sup> Fixed Drive Current <b>LPCR</b> Less Photocontrol Receptacle <b>PCR5</b> ANSI 5-wire Photo-control Receptacle <b>PCR7</b> ANSI 7-wire Photo-control Receptacle <b>SC</b> PCR Shorting Cap <b>WL</b> Utility Wattage Label <b>4B</b> 4-Bolt Mounting Bracket
<b>GCJ2</b> 1A Max Power Supply							

### Notes:

- 1 Nominal 4000K standard, consult factory for other color temperatures.
- 2 Gray, Dark Bronze and Black standard, consult factory for other finishes.
- 3 Factory set drive current, field adjustable standard. Refer to performance data on page 2.
- 4 350mA and 580mA drive current available with GCJ1 only.
- 5 1A drive current available with GCJ2 only.
- 6 Flush mounted house side shield. Shield cuts light off at 1/2 mounting height behind luminaire.
- 7 Flush mounted cul-de-sac shield. Shield cuts light off at 1/2 mounting height behind luminaire and 1-1/2 mounting height on either side of luminaire.
- 8 Non-field adjustable, fixed drive current. Specify required drive current.

# GreenCobra™ Jr. LED Street Light

## GCJ

### Luminaire Specifications

#### Housing

Die cast aluminum housing with two-bolt bracket mounts to 1-1/4" to 2" (1-5/8" to 2-3/8" O.D.) diameter mast arm. Four-bolt bracket available as an option. Meets 3G vibration per ANSI C136. Leveling adjustment from  $\pm 5^\circ$ . Electrical components are accessed without tools via an injection molded polycarbonate door and feature quick electrical disconnects to terminal block and LED board.

#### Light Emitting Diodes

Hi-flux/Hi-power white LEDs are tested in accordance with IES LM-80 testing procedures. Mean correlated color temperature of 4000K (standard) and 70 minimum CRI. LEDs are 100% mercury and lead free.

#### Optical Systems

Micro-lens systems produce IES Type 2 or Type 3 distributions. Luminaire produces 0% total lumens above  $90^\circ$  (BUG Rating, U=0).

#### Electrical

Power Supply drive current is field adjustable (350mA, 580mA or 700mA for GCJ1 and 700mA or 1A for GCJ2). 0-10V dimmable power supply is standard. Power supply features a minimum power factor of .90 and <20% Total Harmonic Distortion (THD). EMC meets or exceeds FCC CFR Part 15. Transient voltage complies with ANSI C62.41 Cat. A. Integral surge protector is tested per ANSI/IEEE C62.45 procedures based on ANSI/IEEE C62.41.2 definitions for standard and optional waveforms for Location Category C High. Photocontrol receptacle is standard, ANSI C136.41 5-wire (PCR5) or 7-wire (PCR7) dimming receptacle optional. Standard and optional photocontrol receptacles have tool-less rotatable base. Photocontrol or control module is provided by others.

#### Finish

Housing receives a fade and abrasion resistant, epoxy polyester powder coat.

#### Listings/Ratings/Labels

Luminaires are UL listed for use in wet locations in the United States and Canada. Optical systems maintain an IP66 rating. Design Lights Consortium qualified product. Luminaire is qualified to operate at ambient temperatures of  $-40^\circ\text{C}$  to  $40^\circ\text{C}$ . Assembled in the U.S.A.

#### Photometry

Luminaires are photometrically tested by certified independent testing laboratories in accordance with IES LM-79 testing procedures.

#### Warranty

10-year Limited Warranty is standard on luminaire and components.

### Performance Data

All data nominal, consult factory for IES files or LM-79 reports.

Product	Drive Current (mA)	System Wattage (W)	Delivered Lumens (Lm) <sup>1</sup>	Efficacy (Lm/W)	Type 2	Type 3
					BUG Rating	BUG Rating
GCJ1	350	24	2400	100	B1 U0 G1	B1 U0 G1
	580	38	3700	97	B1 U0 G1	B1 U0 G1
	700	48	4400	92	B1 U0 G1	B1 U0 G1
GCJ2	700	48	4400	92	B1 U0 G1	B1 U0 G1
	1000	74	5900	80	B1 U0 G1	B2 U0 G2

Notes:

1 Nominal lumens. Normal tolerance  $\pm 10\%$  due to factors including distribution type, LED bin variance, and ambient temperatures.