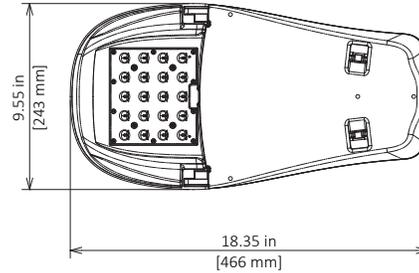
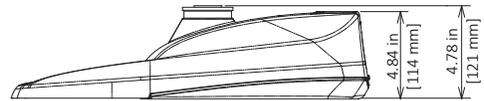
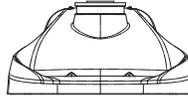


GCJ GreenCobra™ Jr. LED Street Light

Project
Type
Catalog No.

Luminaire Data

Weight 12 lbs [5.6 kg]
EPA 0.39 ft²



Ordering Information

Sample Catalog No. GCJ2 20G MV NW 2 GY 1A BSK RPB WL

Product	No. & Type of LEDs	Voltage	Color Temperature ¹	Distribution	Finish ²	Drive Current ³	Options
GCJ1 580mA Max Power Supply	20G	MV 120-277V	NW 4000K	2 Type 2 3 Type 3	GY Gray	350 ⁴ 350mA 580 ⁴ 580mA 700 ⁵ 700mA 1A ⁵ 1A	BSK Bird Spider Kit SPB Square Pole Bracket RPB Round Pole Bracket PTB Pole-Top Bracket HSS ⁶ House Side Shield CSS ⁷ Cul-de-sac Side Shield FDC ⁸ Fixed Drive Current LPCR Less Photocontrol Receptacle PCR5 ANSI 5-wire Photocontrol Receptacle PCR7 ANSI 7-wire Photocontrol Receptacle SC PCR Shorting Cap WL Utility Wattage Label 4B Universal 4-Bolt Slip Fitter
GCJ2 1A Max Power Supply			27 2700K				

- Notes:
- Nominal 4000K standard, consult factory for other color temperatures.
 - Gray standard, consult factory for other finishes.
 - Factory set drive current, field adjustable standard. Refer to performance data on page 2.
 - 350mA and 580mA drive current available with GCJ1 only.
 - 700mA and 1A drive current available with GCJ2 only.
 - Flush mounted house side shield factory installed. Shield cuts light off at 1/2 mounting height behind luminaire.
 - Flush mounted cul-de-sac shield factory installed. Shield cuts light off at 1/2 mounting height behind luminaire and 1-1/2 mounting height on either side of luminaire.
 - Non-field adjustable, fixed drive current.

GCJ

GreenCobra™ Jr. LED Street Light

Luminaire Specifications

Housing

Die cast aluminum housing with two-bolt slip fitter mounts to 1-1/4" to 2" (1-5/8" to 2-3/8" O.D.) diameter mast arm. Four-bolt slip fitter available as an option. Leveling adjustment from +/-5°. 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 produce a minimum of 95% of initial intensity at 100,000 hours of life. 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° (BUG Rating, U=0).

Electrical

Power Supply drive current is field adjustable (350mA or 580mA for GCJ1 and 700mA or 1A for GCJ2). 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 or 7-wire dimming receptacle optional. Photocontrol or control module is provided by others.

Finish

Housing receives a fade and abrasion resistant, epoxy polyester powder coat, light gray finish standard.

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. Assembled in the United States.

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)	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
GCJ2	700	48	4400	92	B1 U0 G1	B1 U0 G1
	1000	74	5900	80	B1 U0 G1	B2 U0 G2