



"The Leader in Electro-Optics Technology"

a subsidiary company of **LITEON**

Job Name: _____

Type: _____

Complete Catalog Number: _____

LED GREEN Cobra™ Street Light

Ordering Example

GC1	30E	MV	NW	2	GY	
GC1 – LED Street Light GCD1 – LED Street Light Dimmable GCA1¹ – LED Street Light GCAD1¹ – LED Street Light Dimmable	Number/Type of LEDs 20E 30E 40E 60E 80E	Voltage MV - 120 -277V HV - 347 -480V	Nominal Color Temperature² NW – 4300K	Light Distribution 2 - Type 2 3 - Type 3	Finish³ GY - Gray	Accessories/Options BSK - Bird Spider Kit SPB - Square Pole Bracket RPB - Round Pole Bracket PTB - Pole-Top Bracket HSS⁴ – House Side Shield 350 - Factory set 350mA Drive Current 530 - Factory set 530mA Drive Current FDC⁵ - Fixed Drive Current
Notes: 1. Meets Buy American Provision of ARRA 2. NW standard. Consult factory for other color temperatures. 3. Gray standard. Consult factory for other finishes. 4. Flush mounted shield easily field installed. Cuts light off ½ mounting height behind luminaire. 5. Non-field adjustable drive current. Specify setting - 350mA, 530mA, or 700mA.						

Luminaire Specifications

Housing: Die cast aluminum housing with universal four-bolt slip fitter mounts to 1 1/4" to 2" (1 5/8" to 2 3/8" O.D.) diameter mast arm. All hardware is stainless steel. Cooling fins maintain LED junction temperature assuring long LED life and efficiency. Electrical components are accessed without tools and are mounted on removable power door. Power door features quick electrical disconnects to terminal block and LED board. Photocontrol receptacle is standard and can be aimed without tools. Photocontrol is provided by others.

Light Emitting Diodes: Hi-flux/Hi-power white LEDs produce a minimum of 70% of initial intensity at 70,000 hours of life. LEDs are tested in accordance with IESNA LM-80 testing procedures. They have a mean correlated color temperature of 4300K (standard). LEDs are 100% mercury and lead free.

Optical Systems: Micro-lens systems produce IESNA Type 2 or Type 3 distributions. Luminaire is classified as Full-Cutoff with 0% total lumens above 90°.

Electrical: 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. Power supply is field adjustable to 350mA, 530mA, or 700mA drive current. Standard factory setting is 700mA. 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.

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

Listings/Ratings/Warranties/Patents: Luminaires are UL listed for use in wet locations in the United States and Canada. Optical systems maintain an IP66 rating. Five-year limited warranty is standard on all components. Patents pending.

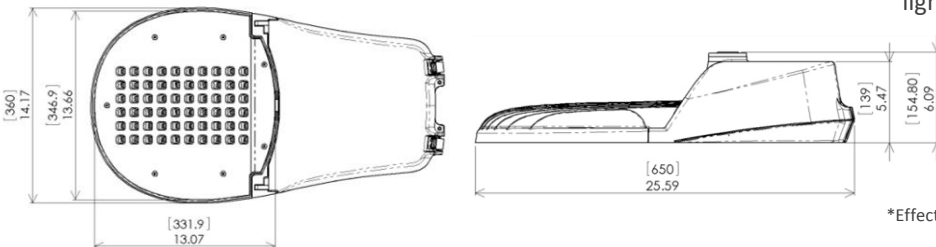
Photometry: All luminaires are photometrically tested by certified independent testing laboratories in accordance with IESNA LM-79 testing procedures.



Removable "power door" opens without tools and hangs securely during wiring.



Optional House Side Shield plate with back light strips is factory or field installable.



Weight	EPA*
21 lbs. (9kg)	0.9ft ²

*Effective Projected Area (consult factory for multiple units)

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GC1A units are manufactured in USA and meet Buy American requirements within the ARRA.

