



The Leader in Electro-Optics Technology

a subsidiary company of LITEON

Job Name: **Wisdot LED-C**

REV. 04/03/2013

Type: **LED-C**

Complete Catalog Number: GCA2-100E-MV-NW-2-GY-700-WL-Wisdot-C

LED Green King Cobra™ Street Light

Ordering Example

GCA2	100E	MV	NW	2	GY	700-WL- Wisdot C
GC2 – LED Street Light GCD2 – LED Street Light Dimmable GCA2¹ – LED Street Light GCA2¹ – LED Street Light Dimmable	Number/ Type of LEDs 90E 100E 120E	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 HSS ⁴ – House Side Shield 350 - Factory set 350mA Drive Current 530 - Factory set 530mA Drive Current 700 – Factory Set 700mA Drive Current FDC ⁵ - Fixed Drive Current WL- Utility Wattage Label PC- NEMA TL Photocell Wisdot-C – Type C Label

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" (15/8" to 23/8" O.D.) diameter mast arm. 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 IES LM-80 testing procedures and have a mean correlated color temperature of 4300K (standard). LEDs are 100% mercury and lead free.

Optical Systems: Micro-lens optics produce IES Type 2 and Type 3, full-cutoff distributions. Luminaire produces 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 10kV/10kA test, IEC 61000-4-2 (Electrostatic Discharge) 8kV Air/4kV Contact tests and IEC 61000-4-4 (Fast Transients).

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

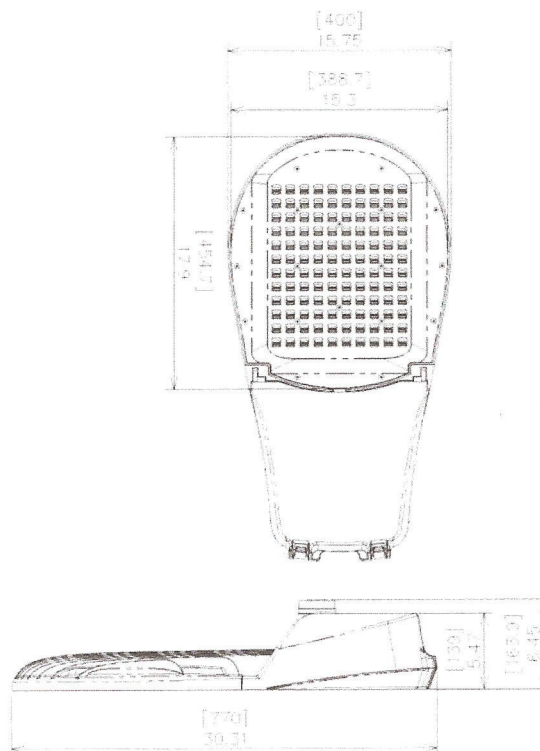
Listings/Ratings/Warranties: Luminaires are UL listed for use in wet locations in the United States and Canada. Optical systems maintain an IP66 rating. Five-year limited warranty is standard on all components.

Patents: Pending.

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

Weight	EPA*
25 lbs.	1.0 ft ²

*Effective Projected Area (consult factory for multiple units)



LED GREEN Technology

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



Leotek Electronics USA Corp.