



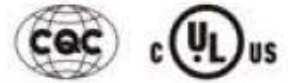
www.GetGreenLighting.com
 Induction Lighting Provider
 (614) 556-7118

G G L - 1 5 0 - Z D 1 0

Cobra Head Street Light.

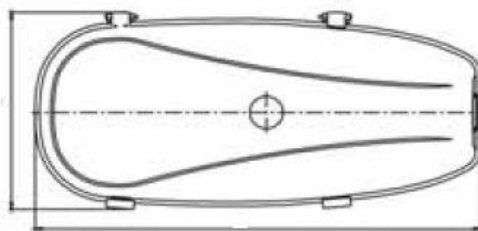
Features:

- ✓ High wattage induction fixture with attractive contour design
- ✓ High pressure die cast alloy aluminum lamp frame, strong stretch aluminum alloy upper casing with the surface electrostatic painted for corrosion resistance and durable use.
- ✓ High purity aluminum reflector with vacuum coated inner surface.
- ✓ Clear tempered glass lens or polycarbonate (PC) lens available.
- ✓ Heat resistant silicone rubber sealant ring to ensure high IP rating.
- ✓ Optional photocell.
- ✓ Timer dimming function available upon request.



Lamp and Ballast:

- Square tubular induction lamp features high lighting efficacy, long life, excellent color rendering index (CRI) and stable output.
- Electronic ballast features high power factor (>0.95).



Dimensions	Length	Width	Height
GGL-150ZD10	31.54	14.49	7.86
GGL-250ZD10	41.50	16.50	8.35
GGL-150ZD10A	31.50	14.49	10.59
GGL-250ZD10A	41.50	16.50	12.59

Fixture Specifications										
#	Fixture Model #	Lamp	Wattage	Voltage	Kelvin	Ambient T. (C)	Conduit	IP Class	Note	UL
1	GGL-150ZD10	ST80W	80	120- 277V	5,000	-20- +40	Round pole clamp style fitting 2.36" max	IP65 (lamp compartment)	Tempered glass lens	X
2	GGL-150ZD10A	ST100W	100						PC lens	X
		ST120W	120							
		ST150W	150							
3	GGL-250ZD10	ST200W	200					Tempered glass lens	X	
4	GGL-250ZD10A	ST250W	250					PC lens	X	

*Color temperature 2,720-6,500 available upon request

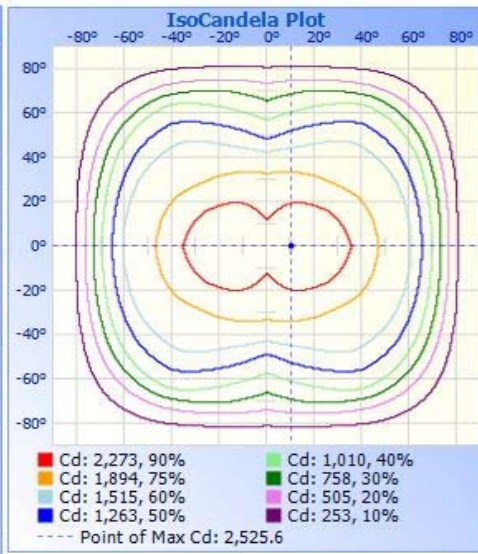
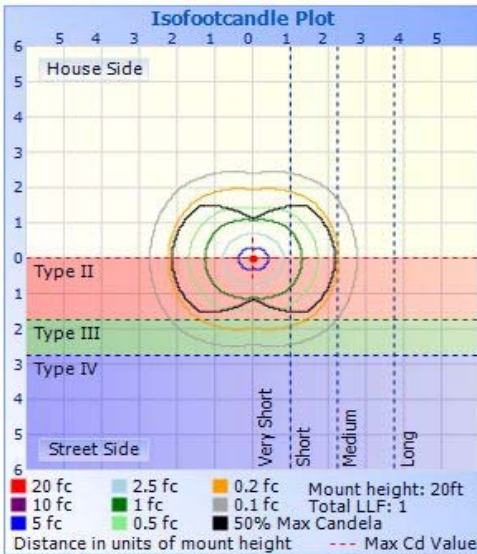


GGL-150-ZD10

Cobra Head Street Light.

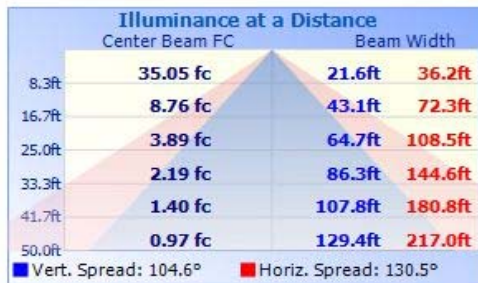
GGL-150-ZD10 Luminaire Photometric Report.

Luminaire: 150 Watt Cobra Head
 Luminaire Cat: GGL-150-ZD10
 Lamp: (1) 150W Induction
 Lamp Output: (1) lamp, rated lumens/Lamp 14400
 Max Candela: 2,525.6 at Horizontal: 90°, Vertical 10°
 Input Wattage: 160
 Luminous Opening: Point
 Photometry: Type C
 CIE Class: Direct



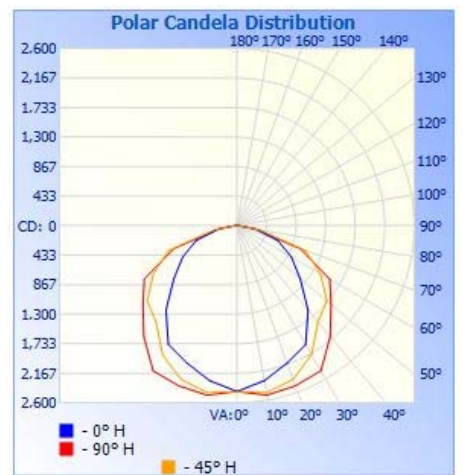
Roadway Summary

Cutoff Classification:	CUTOFF	
Distribution:	Type VS	
Max Cd, 90 Deg Vert:	25.5	
Max Cd, 80 to <90 Deg:	332.2	
	Lumens	% Lamp
Downward Street Side:	3,935.9	27.3%
Downward House Side:	3,935.9	27.3%
Downward Total:	7,871.7	54.7%
Upward Street Side:	5.0	0%
Upward House Side:	5.0	0%
Upward Total:	10.1	0.1%
Total Lumens:	7,881.8	54.7%



Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	233.7	3.0%	90-100	10.1	0.1%
10-20	680.3	8.7%	100-110	0.0	0%
20-30	1,054.9	13.4%	110-120	0	0%
30-40	1,271.3	16.2%	120-130	0	0%
40-50	1,339.5	17.1%	130-140	0	0%
50-60	1,315.3	16.7%	140-150	0	0%
60-70	1,122.1	14.3%	150-160	0	0%
70-80	652.3	8.3%	160-170	0	0%
80-90	173.9	2.2%	170-180	0	0%



Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	53.7%	7,726.3	161	162.4
Beam (50%):	41.9%	6,036.8	130.5	104.6
Total:	54.6%	7,859.6		

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	1,968.8	13.7%	25.1%
0-40	3,240.2	22.5%	41.3%
0-60	5,895.0	40.9%	75.1%
60-90	1,948.3	13.5%	24.8%
0-90	7,843.3	54.5%	99.9%
90-180	10.1	0.1%	0.1%
0-180	7,853.4	54.5%	100%
Efficiency Total:	54.5%		