



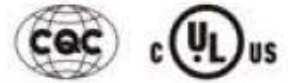
www.GetGreenLighting.com
 Induction Lighting Provider
 (614) 556-7118

G G L - 2 5 0 - Z D 1 0

Cobra Head Street Light.

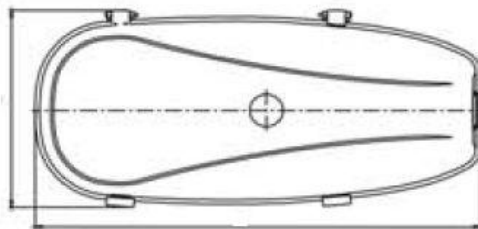
Features:

- ✓ 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

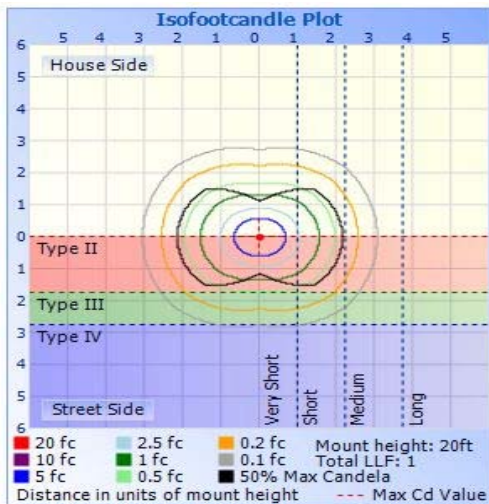
*Color temperature 2,720-6,500 available upon request



GGL-250-ZD10 Cobra Head Street Light.

GGL-250-ZD10 Luminaire Photometric Report.

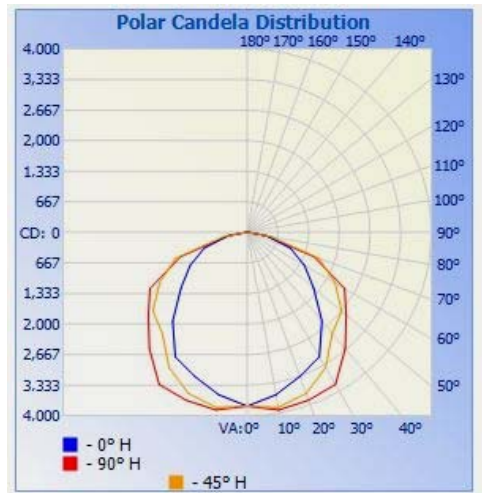
Luminaire: 250 Watt Cobra Head
 Luminaire Cat: GGL-250-ZD10
 Lamp: (1) 250W Induction
 Lamp Output: (1) lamp, rated lumens/Lamp 21750
 Max Candela: 3932.7 at Horizontal: 90°, Vertical 10°
 Input Wattage: 262
 Luminous Opening: Point
 Photometry: Type C
 CIE Class: Direct



Roadway Summary		
Cutoff Classification:	CUTOFF	
Distribution:	Type VS	
Max Cd, 90 Deg Vert:	39.7	
Max Cd, 80 to <90 Deg:	517.3	
	Lumens	% Lamp
Downward Street Side:	6,128.7	28.2%
Downward House Side:	6,128.7	28.2%
Downward Total:	12,257.4	56.4%
Upward Street Side:	7.8	0%
Upward House Side:	7.8	0%
Upward Total:	15.7	0.1%
Total Lumens:	12,273.1	56.4%

Center Beam FC	Beam Width	
	8.3ft	54.58 fc
16.7ft	13.64 fc	43.1ft 72.3ft
25.0ft	6.06 fc	64.7ft 108.5ft
33.3ft	3.41 fc	86.3ft 144.6ft
41.7ft	2.18 fc	107.8ft 180.8ft
50.0ft	1.52 fc	129.4ft 217.0ft

■ Vert. Spread: 104.6° ■ Horiz. Spread: 130.5°



Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Luminaire
0-30	3,065.7	14.1%	25.1%
0-40	5,045.4	23.2%	41.3%
0-60	9,179.4	42.2%	75.1%
60-90	3,033.8	13.9%	24.8%
0-90	12,213.1	56.2%	99.9%
90-180	15.8	0.1%	0.1%
0-180	12,228.9	56.2%	100%
Efficiency Total: 56.2%			

Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	363.9	3.0%	90-100	15.7	0.1%
10-20	1,059.3	8.7%	100-110	0.0	0%
20-30	1,642.6	13.4%	110-120	0	0%
30-40	1,979.7	16.2%	120-130	0	0%
40-50	2,085.9	17.1%	130-140	0	0%
50-60	2,048.1	16.7%	140-150	0	0%
60-70	1,747.3	14.3%	150-160	0	0%
70-80	1,015.7	8.3%	160-170	0	0%

Flood Summary				
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	55.3%	12,031.0	161	162.4
Beam (50%):	43.2%	9,400.1	130.5	104.6
Total:	56.3%	12,238.5		