



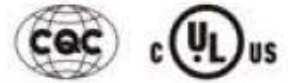
www.GetGreenLighting.com
 Induction Lighting Provider
 (614) 556-7118

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

Cobra Head Street Light.

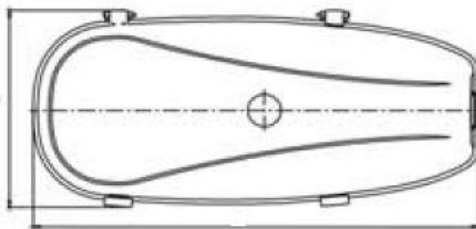
Features:

- ✓ 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

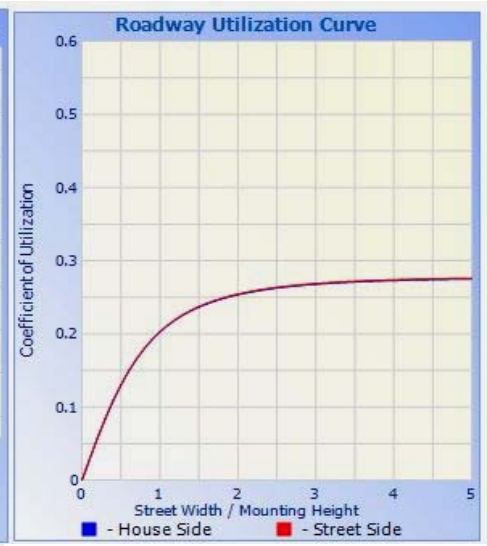
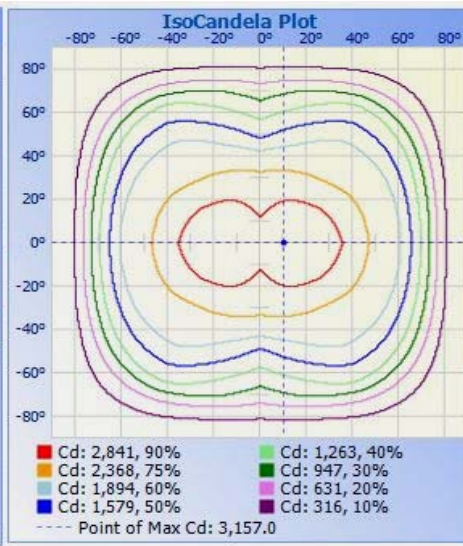
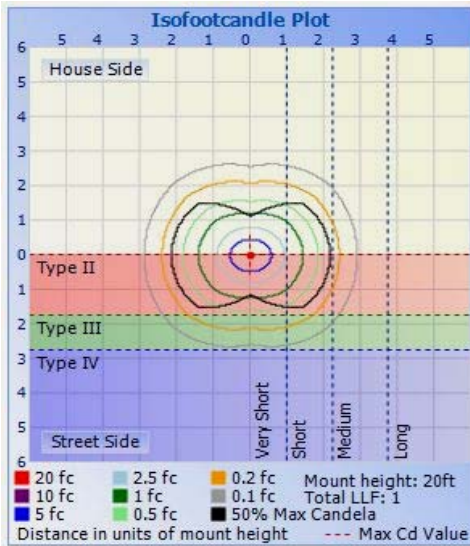


GGL-200-ZD10

Cobra Head Street Light.

GGL-200-ZD10 Luminaire Photometric Report.

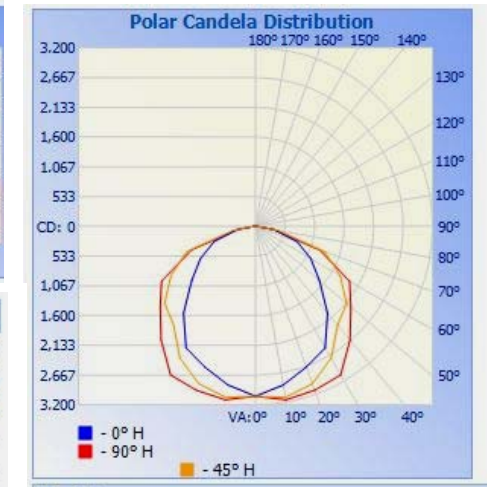
Luminaire: 200 Watt Cobra Head
 Luminaire Cat: GGL-200-ZD10
 Lamp: (1) 200W Induction
 Lamp Output: (1) lamp, rated lumens/Lamp 17500
 Max Candela: 3,157.0 at Horizontal: 90°, Vertical 10°
 Input Wattage: 210
 Luminous Opening: Point
 Photometry: Type C
 CIE Class: Direct



Roadway Summary			
Cutoff Classification:	CUTOFF		
Distribution:	Type VS		
Max Cd, 90 Deg Vert:	31.9		
Max Cd, 80 to <90 Deg:	415.3		
	Lumens	% Lamp	
Downward Street Side:	4,919.8	28.1%	
Downward House Side:	4,919.8	28.1%	
Downward Total:	9,839.7	56.2%	
Upward Street Side:	6.3	0%	
Upward House Side:	6.3	0%	
Upward Total:	12.6	0.1%	
Total Lumens:	9,852.3	56.3%	
Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Luminaire
0-30	2,461.0	14.1%	25.1%
0-40	4,050.2	23.1%	41.3%
0-60	7,368.8	42.1%	75.1%
60-90	2,435.4	13.9%	24.8%
0-90	9,804.1	56%	99.9%
90-180	12.6	0.1%	0.1%
0-180	9,816.8	56.1%	100%
Efficiency Total:	56.1%		

Illuminance at a Distance			
Center Beam FC	Beam Width		
8.3ft	43.81 fc	21.6ft	36.2ft
16.7ft	10.95 fc	43.1ft	72.3ft
25.0ft	4.87 fc	64.7ft	108.5ft
33.3ft	2.74 fc	86.3ft	144.6ft
41.7ft	1.75 fc	107.8ft	180.8ft
50.0ft	1.22 fc	129.4ft	217.0ft
	Vert. Spread: 104.6°	Horiz. Spread: 130.5°	

Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	292.1	3.0%	90-100	12.6	0.1%
10-20	850.3	8.7%	100-110	0.0	0%
20-30	1,318.6	13.4%	110-120	0	0%
30-40	1,589.2	16.2%	120-130	0	0%
40-50	1,674.4	17.1%	130-140	0	0%
50-60	1,644.1	16.7%	140-150	0	0%
60-70	1,402.7	14.3%	150-160	0	0%
70-80	815.3	8.3%	160-170	0	0%
80-90	217.4	2.2%	170-180	0	0%



Flood Summary				
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	55.2%	9,657.9	161	162.4
Beam (50%):	43.1%	7,545.9	130.5	104.6
Total:	56.1%	9,824.4		