

GSSI GROUP

LED GREENLIGHTING

Save Energy . . . Save Money . . . Save the Earth

Model SLA-75 Street Light

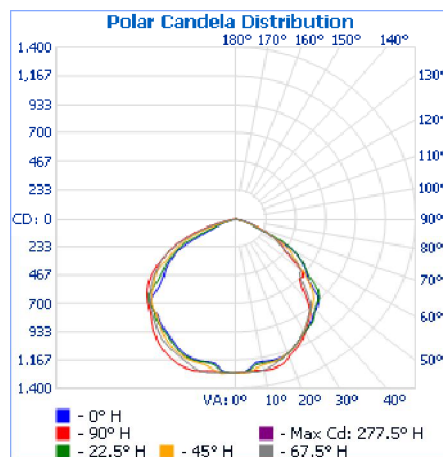


Specifications and Characteristics

(test results using warm white luminaire)

Lighting	
Luminaire:	6 High Power LEDs IESNA: LM-63
Rated Lumens:	5400 (True White); 3900 (Warm White)
Max Candela:	1314.4 at Horizontal: 277.5°, Vertical 15°
Correlated Color Temperature (CCT):	True White: 5,000 ~ 7,000 K Warm White: 3,000 ~ 4,000 K
Color Rendering Index (CRI)	Ra > 80
Photometry:	Type C
Warranty:	8 Years, 60,000 hrs.
Electrical	
LED Watts:	72W
Total Watts:	75W
Rated Voltage:	100 - 240V
Input Wattage:	72.3
IP Rating:	65
Certification:	Laser Testing, CE, FCC, LVD, RoHS
Environmental	
Temperature Range Ambient:	-30°C ~ 50°C
Humidity Range	10% ~ 90% relative humidity
Packing Information	
Dimension:	19.8(l)x8.9(w)x5.5(h)
Net Weight:	14.3 lbs
Pieces per carton:	1

User adjustable 'wedge angle' to increase street side illumination and decrease house side illumination.
Includes an ANSI C136.10 compliant standard receptacle to accept GSSI's model PC-10C or other electronic photocontrols utilizing a 3-prong, locking plug.



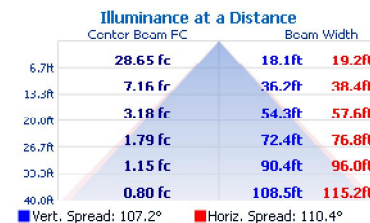
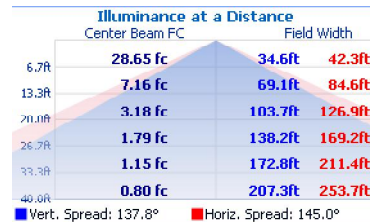
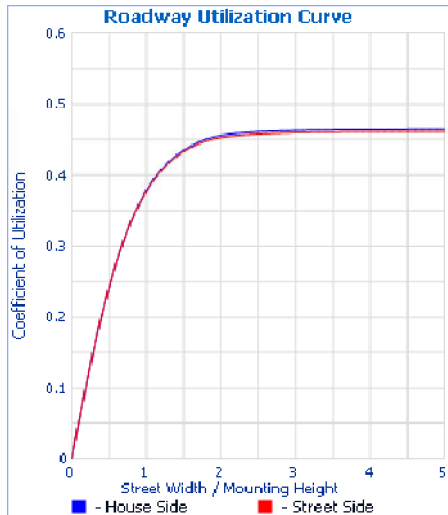
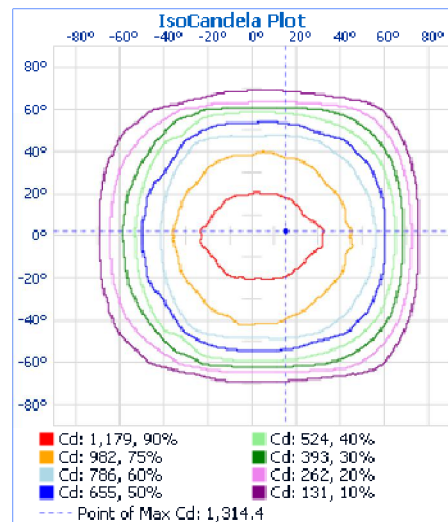
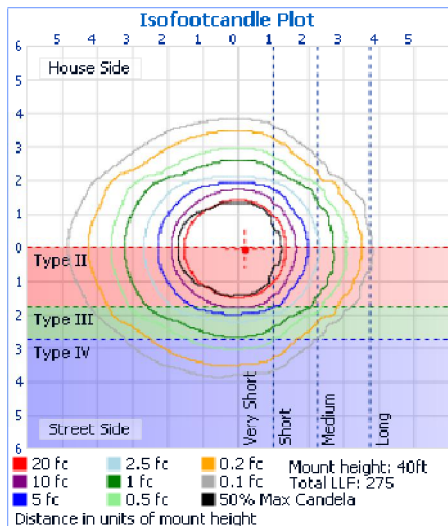
Roadway Summary		
Cutoff Classification:	CUTOFF	
Distribution:	TYPE II, VERY SHORT	
Max CD, 90 Degree Vertical	3.5	
Max CD, 80 to <90 Degree:	45.9	
	Lumens	% Lamp
Downward Street Side:	1,644.0	49.8%
Downward House Side:	1,655.3	50.2%
Downward Total:	3,299.3	100.0%
Upward Street Side:	0.0	0.0%
Upward House Side:	0.0	0.0%
Upward Total:	0.0	0.0%
Total Lumens:	3,299.3	100.0%

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Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	119.9	3.6%	90-100	0.0	0.0%
10-20	348.3	10.6%	100-110	0.0	0.0%
20-30	532.8	16.2%	110-120	0.0	0.0%
30-40	648.2	19.7%	120-130	0.0	0.0%
40-50	677.2	20.5%	130-140	0.0	0.0%
50-60	569.9	17.3%	140-150	0.0	0.0%
60-70	322.3	9.8%	150-160	0.0	0.0%
70-80	72.9	2.2%	160-170	0.0	0.0%
80-90	7.0	0.2%	170-180	0.0	0.0%

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Luminaire
0-30	1,000.9	30.3%	30.3%
0-40	1,649.1	50.0%	50.0%
0-60	2,896.2	87.8%	87.8%
60-90	402.1	12.2%	12.2%
0-90	3,298.3	100.0%	100.0%
90-180	0.0	0.0%	0.0%
0-180	3,298.3	100.0%	100.0%
Efficiency			
Total:	100.0%		