

GSSI GROUP

LED GREENLIGHTING

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

Model SLA-150 Street Light

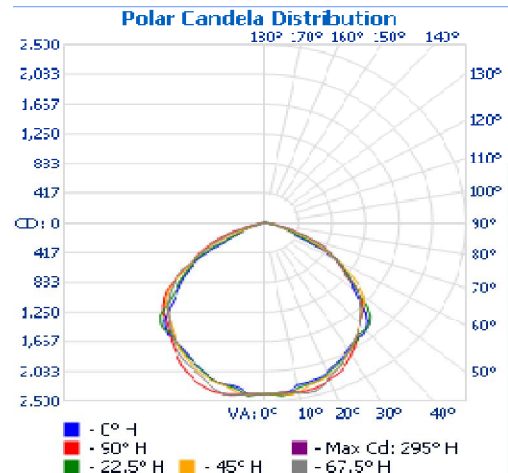


Specifications and Characteristics

(test results using warm white luminaire)

Lighting	
Luminaire:	12 High Power LEDs IESNA: LM-63
Rated Lumens:	10,800 (True White); 7,800 (Warm White)
Max Candela:	2479.4 at Horizontal: 295°, Vertical 12.5°
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:	145W
Total Watts:	150W
Rated Voltage:	100 - 240V
Input Wattage:	145.5
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:	26.5(l)x8.9(w)x5.5(h)
Net Weight:	19.8 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.



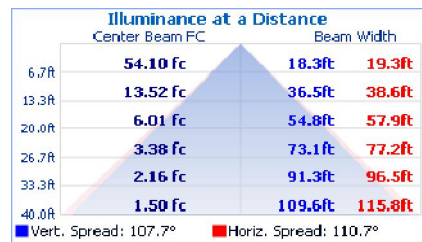
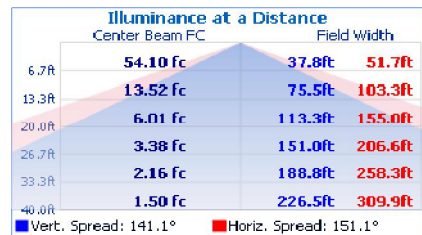
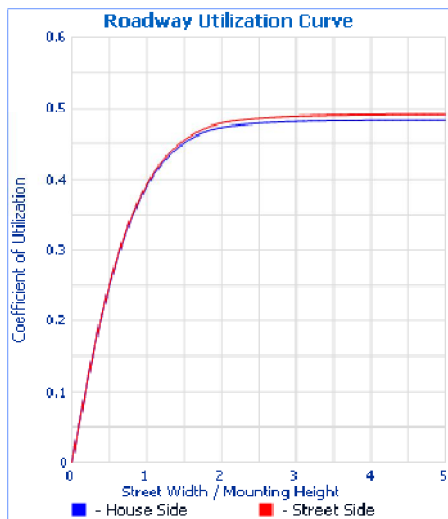
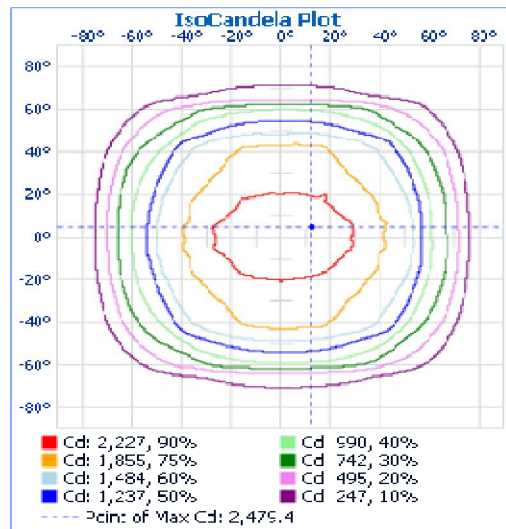
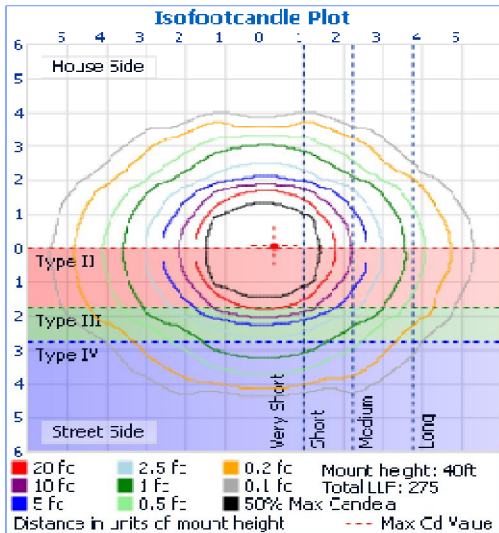
Roadway Summary		
Cutoff Classification:	CUTOFF	
Distribution:	TYPE III, SHORT	
Max CD, 90 Degree Vertical	5.9	
Max CD, 80 to <90 Degree:	87.5	
	Lumens	% Lamp
Downward Street Side:	3,305.0	50.8%
Downward House Side:	3,202.2	49.2%
Downward Total:	6,507.2	100.0%
Upward Street Side:	0.0	0.0%
Upward House Side:	0.0	0.0%
Upward Total:	0.0	0.0%
Total Lumens:	6,507.2	100.0%

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Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	229.4	3.5%	90-100	0.0	0.0%
10-20	665.6	10.2%	100-110	0.0	0.0%
20-30	1,015.0	15.6%	110-120	0.0	0.0%
30-40	1,243.1	19.1%	120-130	0.0	0.0%
40-50	1,332.8	20.5%	130-140	0.0	0.0%
50-60	1,135.4	17.5%	140-150	0.0	0.0%
60-70	673.4	10.4%	150-160	0.0	0.0%
70-80	192.0	3.0%	160-170	0.0	0.0%
80-90	18.6	0.3%	170-180	0.0	0.0%

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Luminaire
0-30	1,910.0	29.4%	29.4%
0-40	3,153.1	48.5%	48.5%
0-60	5,621.4	86.4%	86.4%
60-90	884.1	13.6%	13.6%
0-90	6,505.4	100.0%	100.0%
90-180	0.0	0.0%	0.0%
0-180	6,505.4	100.0%	100.0%

Efficiency Total: 100.0%