

GSSI GROUP

LED GREENLIGHTING

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

Model SLU-56 Street Light

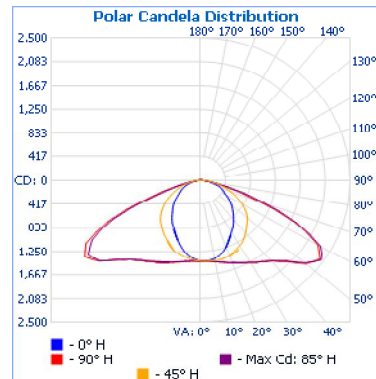


Specifications and Characteristics

Lighting	
Luminaire:	112 LEDs IESNA: LM-63; LM-79; LM-80
Rated Lumens:	11,000
Max Candela:	6161.0 at Horizontal: 65°, Vertical 65°
Correlated Color Temperature (CCT):	Pure White: 5,000 ~ 7,000 K
Color Rendering Index (CRI)	Ra > 75
Photometry:	Type B
Warranty:	8 Years, 60,000 hrs.
Electrical	
LED Watts:	112W
Total Watts:	132W
Rated Voltage:	90 - 305V (480V w/ Transformer)
Input Wattage:	112W
IP Rating:	65
Certification:	UL, TUV, GS, CE, RoHS
Environmental	
Temperature Range Ambient:	-30°C ~ 50°C
Humidity Range	10% ~ 90% relative humidity
Packing Information	
Dimension:	29.0(l)x12.4(w)x3.5(h)
Net Weight:	23.6 lbs
Pieces per carton:	1

User adjustable 'JCT wedge angle' to increase street side illumination and decrease house side illumination.

Includes an ANSI C136.10 compliant standard receptacle to accept GSSI's JCT model PC-10C electronic photcontrols utilizing a 3-prong locking plug.



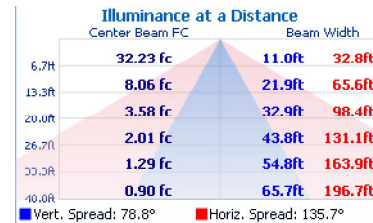
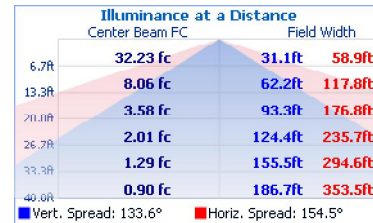
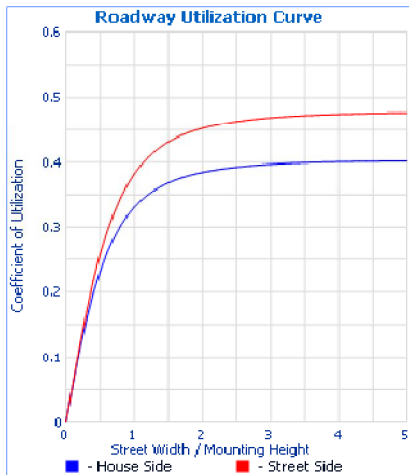
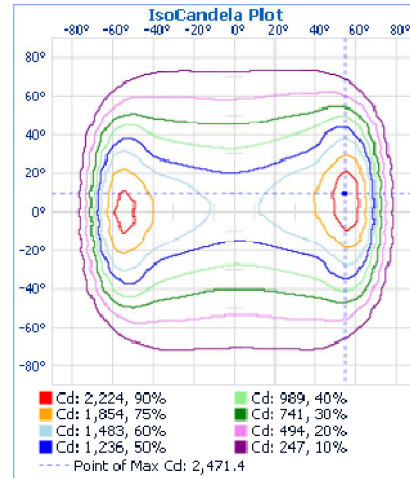
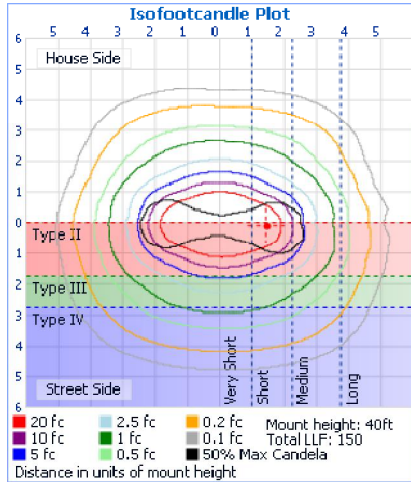
Roadway Summary		
Cutoff Classification:	CUTOFF	
Distribution:	TYPE I, SHORT	
Max CD, 90 Degree Vertical	4.4	
Max CD, 80 to <90 Degree:	168.2	
	Lumens	% Lamp
Downward Street Side:	2,594.9	46.3%
Downward House Side:	2,292.3	40.9%
Downward Total:	4,887.2	87.3%
Upward Street Side:	0.0	0.0%
Upward House Side:	0.0	0.0%
Upward Total:	0.0	0.0%
Total Lumens:	4,887.2	87.3%

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Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	135.6	2.8%	90-100	0.0	0.0%
10-20	392.6	8.0%	100-110	0.0	0.0%
20-30	611.2	12.5%	110-120	0.0	0.0%
30-40	776.3	15.9%	120-130	0.0	0.0%
40-50	896.4	18.4%	130-140	0.0	0.0%
50-60	963.5	19.7%	140-150	0.0	0.0%
60-70	763.7	15.6%	150-160	0.0	0.0%
70-80	314.4	6.4%	160-170	0.0	0.0%
80-90	30.3	0.6%	170-180	0.0	0.0%

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Luminaire
0-30	1,139.4	20.3%	23.3%
0-40	1,915.7	34.2%	39.2%
0-60	3,775.6	67.4%	77.3%
60-90	1,108.4	19.8%	22.7%
0-90	4,883.9	87.2%	100.0%
90-180	0.0	0.0%	0.0%
0-180	4,883.9	87.2%	100.0%
Efficiency Total:		87.2%	