

## Model SLU-28 Street Light

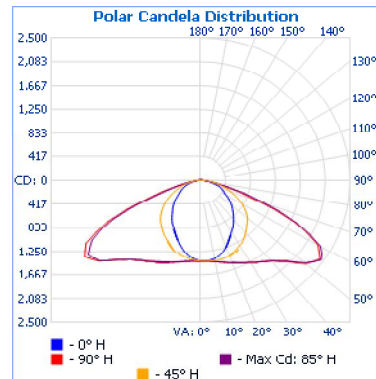


### Specifications and Characteristics

Lighting	
Luminaire:	28 LEDs IESNA: LM-63; LM-79; LM-80
Rated Lumens:	2,750
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:	28W
Total Watts:	30W
Rated Voltage:	90 - 305V (480V w/ Transformer)
Input Wattage:	28W
IP Rating:	65
Certification:	UL, TUV, GS, CE, RoHS
Environmental	
Temperature Range Ambient:	-20°C ~ 45°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.



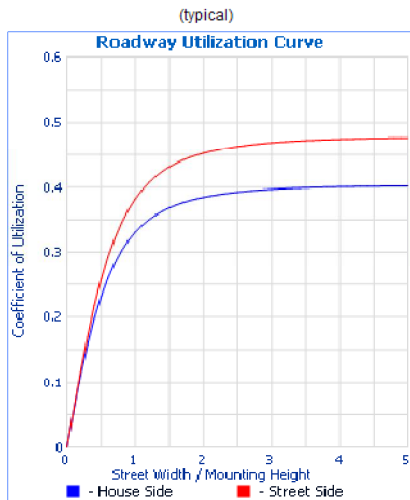
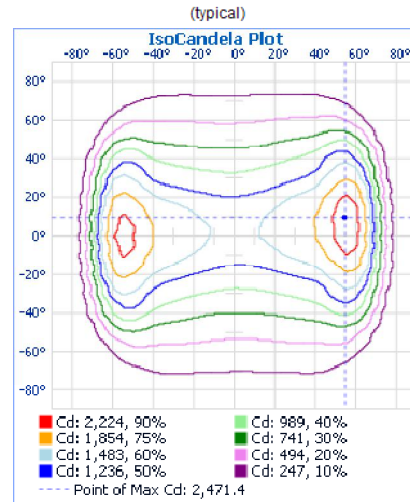
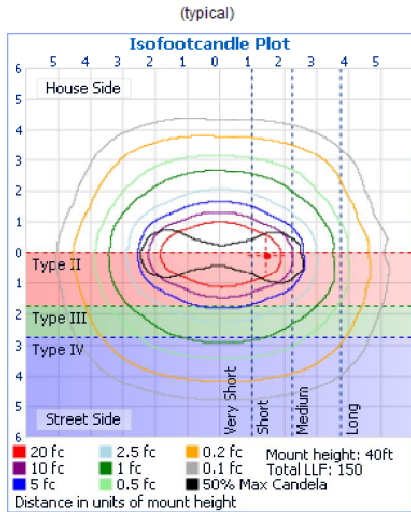
Roadway Summary		
Cutoff Classification:	CUTOFF	
Distribution:	TYPE I, SHORT	
Max CD, 90 Degree Vertical	4.4	
Max CD, 80 to <90 Degree:	168.2	
	<b>Lumens</b>	<b>% Lamp</b>
Downward Street Side:	1,273.3	46.3%
Downward House Side:	1,124.8	40.9%
Downward Total:	2,400.8	87.3%
Upward Street Side:	0.0	0.0%
Upward House Side:	0.0	0.0%
Upward Total:	0.0	0.0%
<b>Total Lumens:</b>	<b>2,400.8</b>	<b>87.3%</b>

# GSSI GROUP

## LED GREENLIGHTING

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

### Model SLU-28 Street Light



#### Typical Illuminance at a Distance

Height	FC	Area
20 ft.	4.4 fc	40ft x 80ft
25 ft.	2.8 fc	50ft x 110ft

Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	77.0	2.8%	90-100	0.0	0.0%
10-20	220.0	8.0%	100-110	0.0	0.0%
20-30	343.8	12.5%	110-120	0.0	0.0%
30-40	437.3	15.9%	120-130	0.0	0.0%
40-50	506.0	18.4%	130-140	0.0	0.0%
50-60	541.8	19.7%	140-150	0.0	0.0%
60-70	429.0	15.6%	150-160	0.0	0.0%
70-80	176.0	6.4%	160-170	0.0	0.0%
80-90	16.5	0.6%	170-180	0.0	0.0%

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Luminaire
0-30	558.3	20.3%	23.3%
0-40	940.5	34.2%	39.2%
0-60	1,853.5	67.4%	77.3%
60-90	544.5	19.8%	22.7%
0-90	2,398.0	87.2%	100.0%
90-180	0.0	0.0%	0.0%
0-180	2,398.0	87.2%	100.0%
Efficiency Total:		87.2%	