



# LED Street Lights, Low Voltage for Solar Energy Apps

32W Replaces 70 to 100W, 54W Replaces 125 to 175W MH/HPS



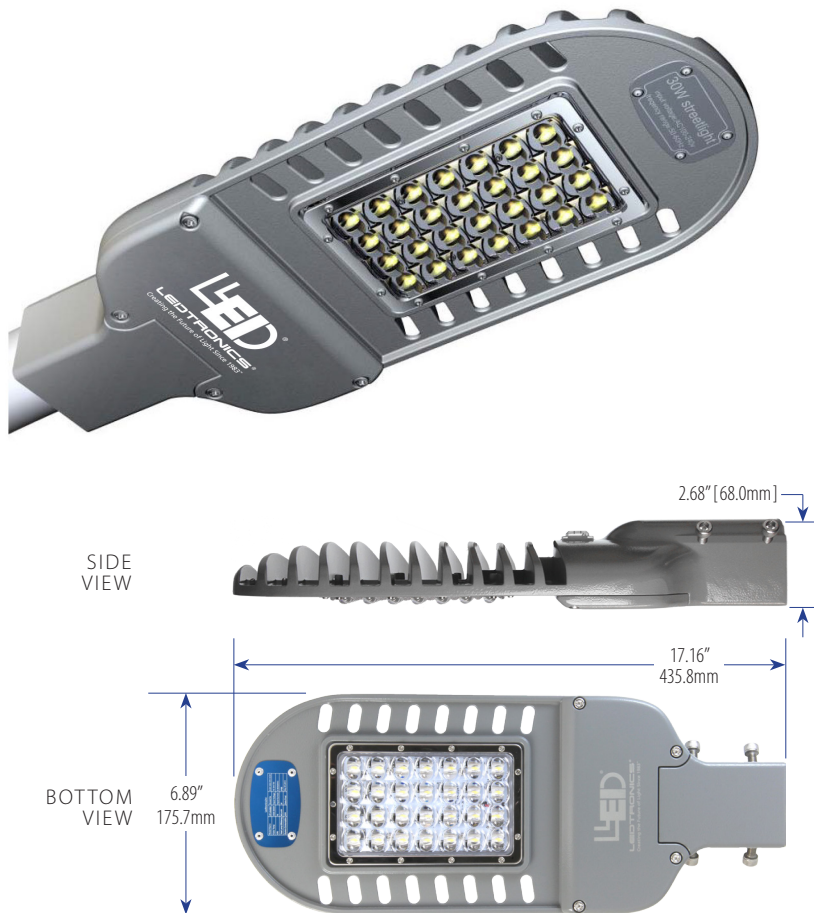
## FEATURES

- 3 Year LEDtronics Limited Warranty
- Replaces Existing MH and HPS Fixtures from 70 to 175 Watts
- ETL Listed, RoHS Compliant
- Type II Oval Illumination Pattern
- Energy Savings from 45% to 75%
- Low Voltage – 12V to 24V DC
- Solid State: High Shock & Vibration Resistant

## APPLICATIONS

- Street and Highway Lighting
- Outdoor Parking Areas Lighting
- Driveway & Walkway Lighting
- Area Flood Lighting
- Security Lighting
- Construction Lighting

Over 30 Years of LEDtronics Design, Engineering & Manufacturing Experience



SLS001-035W-XPW-12V/24V (32 Watts)

SLS001-050W-XPW-12V/24V (54 Watts)

	035W	050W
<b>Input Power</b>	32 Watts	54 Watts
<b>Input Voltage</b>	12/24 VDC (Tested @ 12VDC)	
<b>Input Current</b>	2.71A	4.70A
<b>Total Lumens</b>	2517 lm	4370 lm
<b>Efficacy</b>	78 lm/W	80 lm/W
<b>Max. Candela</b>	1762 cd	3730 cd
<b>CRI</b>		>70
<b>Emitted Color</b>	Pure White	
<b>Color Temperature</b>	3700K~5400K	
<b>Light Pattern</b>	Polarized Oval	
<b>Protection Rating</b>	IP66	
<b>Oper. Temperature</b>	-22°F ~ +122°F / -30°C ~ +50°C	
<b>Housing</b>	Aluminum Alloy / Gray	
<b>Dimensions</b>	L17.16 x W6.89 x H2.68 inch L435.8 x W175.7 x H68.0 mm	
<b>Net Weight</b>	6.8 lbs / 3.1 kg	



# LEDTRONICS®

Creating the Future of LED Light Since 1983™



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## PHOTOMETRIC REPORT

**Filename: SLS001-035W-XPW-12V-24V**

Manufacturer: LEDTRONICS -

Luminaire: NO LENS, 32.4W

Luminaire Cat: SLS001-035W-XPW-12V/24V

Lamp: . LUMEN RATING: 2516.8Lms.

Lamp Output: 1 lamp(s), rated Lumens/lamp: 2516.8

Max Candela: 1,762.0 at Horizontal: 80°, Vertical: 60°

Luminous Opening: Point

Test: 5-10-13

Photometry : Type C

CIE Class: Direct

Nema Type: 7 X 6

### Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	TYPE I, SHORT
Max Cd, 90 Deg Vert:	33.0
Max Cd, 80 to <90 Deg:	79.0
	Lumens % Lamp
Downward Street Side:	1,377.4 54.7%
Downward House Side:	1,129.5 44.9%
Downward Total:	2,506.9 99.6%
Upward Street Side:	5.7 0.2%
Upward House Side:	5.1 0.2%
Upward Total:	10.8 0.4%
Total Lumens:	2,517.7 100%

### Zonal Lumen Summary

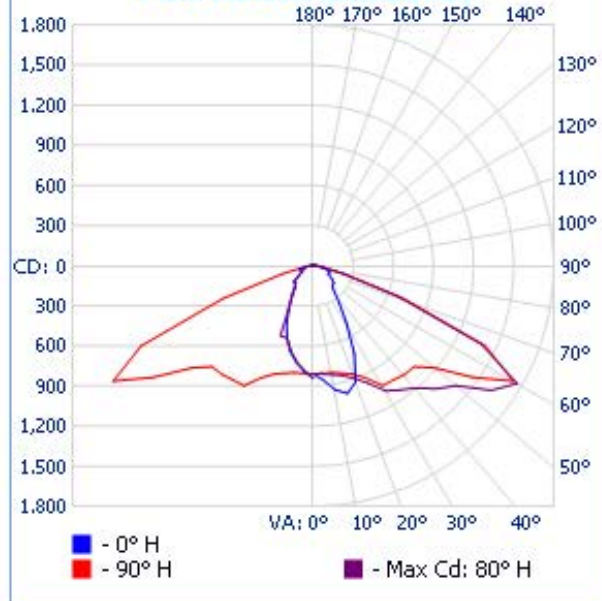
Zone	Lumens	% Lamp	% Luminaire
0-30	669.3	26.6%	26.6%
0-40	1,071.7	42.6%	42.6%
0-60	1,952.7	77.6%	77.6%
60-90	553.2	22%	22%
70-100	175.8	7%	7%
90-120	10.8	0.4%	0.4%
0-90	2,506.0	99.6%	99.6%
90-180	10.8	0.4%	0.4%
0-180	2,516.8	100%	100%

### Illuminance at a Distance

Center Beam FC	Beam Width
4.0ft	50.63 fc 5.0ft 19.7ft
8.0ft	12.66 fc 9.9ft 39.4ft
12.0ft	5.63 fc 14.9ft 59.1ft
16.0ft	3.16 fc 19.9ft 78.9ft
20.0ft	2.03 fc 24.9ft 98.6ft
24.0ft	1.41 fc 29.8ft 118.3ft

■ Vert. Spread: 63.8° ■ Horiz. Spread: 135.8°

### Polar Candela Distribution



### Isofootcandle Plot

