

# LED Street Lighting

SLDC21W / SLAC21W / SLAC45W

| 12VDC / 230VAC SYSTEM

| For Solar – Street Lighting

We have fitted high power LEDs from Osram inbuilt with lenses to produce even dispersion of lumens in rectangular coverage on streets.

SL series lamps are high lumen output, long life, modular and reliable lamps for roadway lighting and other public or private outdoor lighting applications.



Using the reliable OSRAM -LED, which provides excellent performance in light efficiency and lifetime. The newly designed aluminum die cast lamp is protected by a high quality powder coating finish. The heat sink is designed for optimized heat dissipation as well as for best appearance.

- High efficiency LED luminaire, ultra-low profile
- Integrated lens for optimized light pattern
- Durable LED Driver, over voltage, reverse polarity & short circuit protection
- LED life time >50,000 h
- Full thermal protection
- IP65 rated
- Easy to install
- Two year warranty

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## DATASHEET:

MODEL	SLDC21W	SLAC21W	SLAC45W
Rated Power	21W	21W	45W
Input Voltage	12VDC	90 - 300VAC	
Max. Current	1.78A	0.09A	0.2A
Power (including driver)	21 W		45W
Efficiency	89%		91%
Luminous flux	2780 Lm		5500 Lm
Color Rendering Index	>70		
Working temperature	-20 °C to +55 °C		
Color temperature	5000k to 8300k		
LED Lifetime	>50000 h		
Type of protection	IP65		
Weight(approx)	1000 gms		1600 gms

## DIMMING:

Based on specific requirements any kind of PWM dimming sequences can be automated as preset conditions using jumpers ESPECIALLY FOR SOLAR STREET LIGHTS. At present we are providing multi-level dimming to the SLDC21W as follows using nine jumpers, viz:-

J1 TO J3 to set start of dimming function from the dawn after 4hrs, 5hrs and 6hrs respectively.

J4 TO J6 to set dimming duration as 4hrs, 5hrs and 6hrs respectively.

J7 TO J9 to set dimming percentage as 20%, 40% and 60% respectively.