



## STROBE LIGHT

PID: SL930STB-6W-WU-O



**APPLICATION:**  
SAFETY LIGHTING

**WARRANTY:**  
2 YEARS

### PRODUCT DETAILS

Part #	Model Number	UPC	Watt	Operating Voltage	Cover	Water Resistant
20260061	SL930STB-6W-WU-O	605546699307	6	10-110v	PP	IP65

#### PRELIMINARY STEPS:

1. Carefully read this information to proceed with installation.
2. Check with state and local authorities for laws governing usage and proper mounting of auxilliary lamps.
3. Before proceeding, disconnect the main power from the equipment to avoid accidental shortcuts.
4. If possible place the cable following the existing routes.
5. Be sure that cable is not fixed to movable parts of the equipment.

#### WARNINGS:

1. Follow the indications on the operating voltage range (10VDC-110VDC).
2. Keep the lamp exposed to air flow to avoid overheating.
3. Temperature of the lamp can increase with continuous use.

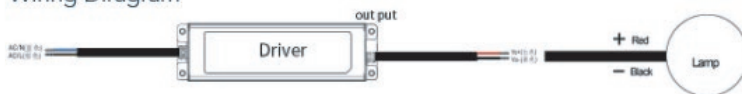
#### CONNECTION:

1. Find a voltage source according to the Voltage specification (10DC-110VDC).
2. Connect the RED (+) wire to the positive of the above mentioned source through fuse. Connect the BLACK (-) one to negative.
3. Reconnect the main power of the equipment, switch the key on and verify if the lamp switches on, If not, re-check previous steps.

#### ASSEMBLING:

1. Drill a 10 hole in where the lamp has to be located.
2. Fit the bracket using the included locking screw and self locking nut. Tight nut.
3. Fit the lamp on the bracket using the included screws, washers and nut. Position the lamp to the eanted inclination. Tighten the nut.
4. Check the stability of the overall assembly.

#### Wiring Diagram



No more than two strobes per driver



■ Features :

- Constant voltage design
- Universal AC input / Full range
- Withstand 300VAC surge input for 5 seconds
- Protections: Short circuit / Over load / Over voltage
- Cooling by free air convection
- Small and compact size
- Fully encapsulated with IP67 level (Note.7)
- Fully isolated plastic case
- Class II power unit, no FG
- Class 2 power unit
- Pass LPS
- Suitable for LED related fixture or appliance (such as LED Decoration or Advertisement devices)
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty

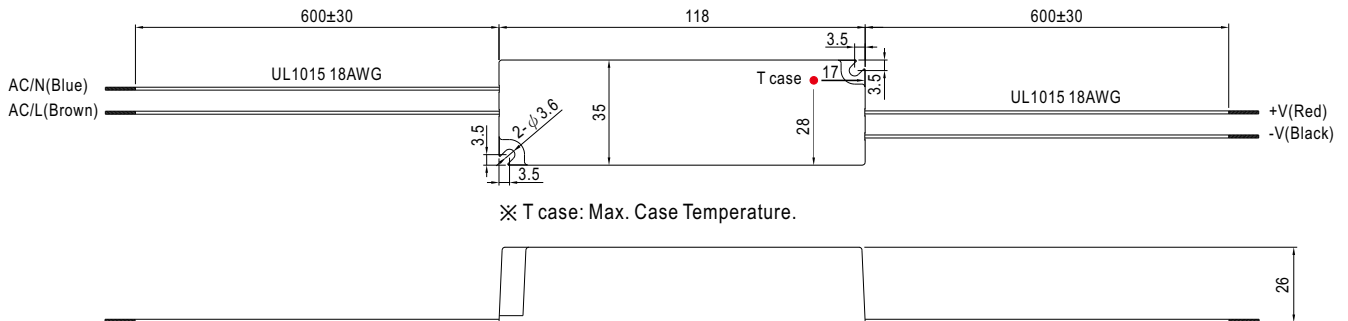


SPECIFICATION

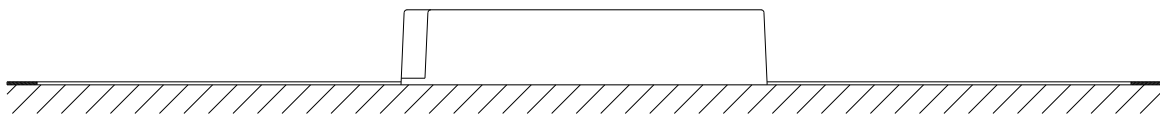
MODEL	LPV-20-5	LPV-20-12	LPV-20-15	LPV-20-24	
OUTPUT	DC VOLTAGE	5V	12V	15V	24V
	RATED CURRENT	3A	1.67A	1.33A	0.84A
	CURRENT RANGE	0 ~ 3A	0 ~ 1.67A	0 ~ 1.33A	0 ~ 0.84A
	RATED POWER	15W	20W	20W	20.2W
	RIPPLE & NOISE (max.) Note.2	80mVp-p	120mVp-p	120mVp-p	150mVp-p
	VOLTAGE TOLERANCE Note.3	±5.0%			
	LINE REGULATION	±1.0%			
	LOAD REGULATION	±2.0%			
	SETUP, RISE TIME Note.6	500ms, 20ms / 230VAC 500ms, 20ms / 115VAC at full load			
HOLD UP TIME (Typ.)	50ms/230VAC 16ms/115VAC at full load				
INPUT	VOLTAGE RANGE Note.4	90 ~ 264VAC 127 ~ 370VDC			
	FREQUENCY RANGE	47 ~ 63Hz			
	EFFICIENCY (Typ.)	77%	81%	83%	83%
	AC CURRENT (Typ.)	0.55A/115VAC 0.35A/230VAC			
	INRUSH CURRENT(Typ.)	COLD START 70A(twidth=215µs measured at 50% Ipeak) at 230VAC			
	MAX. No. of PSUs on 16A CIRCUIT BREAKER	8 units (circuit breaker of type B) / 14 units (circuit breaker of type C) at 230VAC			
LEAKAGE CURRENT	0.25mA / 240VAC				
PROTECTION	OVER LOAD	110 ~ 150% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed			
	OVER VOLTAGE	5.75 ~ 6.75V	13.8 ~ 16V	17.5 ~ 21V	28 ~ 32V
ENVIRONMENT	WORKING TEMP.	-30 ~ +70°C (Refer to "Derating Curve")			
	WORKING HUMIDITY	20 ~ 90% RH non-condensing			
	STORAGE TEMP., HUMIDITY	-40 ~ +80°C, 10 ~ 95% RH			
	TEMP. COEFFICIENT	±0.03%/°C (0 ~ 50°C)			
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes			
SAFETY & EMC	SAFETY STANDARDS	UI879, UL 1310, CSA C22.2 No. 207-M89,CAN/CSA C22.2 No. 223-M91,TUV EN60950-1,EAC TP TC 004,IP67 approved			
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC			
	ISOLATION RESISTANCE	I/P-O/P:>100M Ohms / 500VDC / 25°C/ 70% RH			
	EMC EMISSION	Compliance to EN55032 (CISPR32) Class B, EN61000-3-2 Class A, EN61000-3-3,EAC TP TC 020			
EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024, light industry level, criteria A,EAC TP TC 020				
OTHERS	MTBF	786.5Khrs min. MIL-HDBK-217F (25°C)			
	DIMENSION	118*35*26mm (L*W*H)			
	PACKING	0.22Kg; 60pcs/14.2Kg/0.62CUFT			
NOTE	<p>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</p> <p>2. Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf &amp; 47uf parallel capacitor.</p> <p>3. Tolerance : includes set up tolerance, line regulation and load regulation.</p> <p>4. Derating may be needed under low input voltage. Please check the static characteristics for more details.</p> <p>5. The power supply is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.</p> <p>6. Length of set up time is measured at first cold start. Turning ON/OFF the power supply may lead to increase of the set up time.</p> <p>7. Suitable for indoor use or outdoor use without direct sunlight exposure. Please avoid immerse in the water over 30 minute.</p> <p>8. The unit might not be suitable for lighting applications in EU countries. Please check with your local authorities for the possible use of the unit.</p> <p>9. The ambient temperature derating of 3.5°C/1000m with fanless models and of 5°C/1000m with fan models for operating altitude higher than 2000m(6500ft).</p> <p>10. Products sourced from the Americas regions may not have the TUV/BIS/CCC logo. Please contact your MEAN WELL sales for more information.</p> <p>11. For any application note and IP water proof function installation caution, please refer our user manual before using. <a href="https://www.meanwell.com/Upload/PDF/LED_EN.pdf">https://www.meanwell.com/Upload/PDF/LED_EN.pdf</a></p>				

**Mechanical Specification**

Case No. 972A Unit:mm

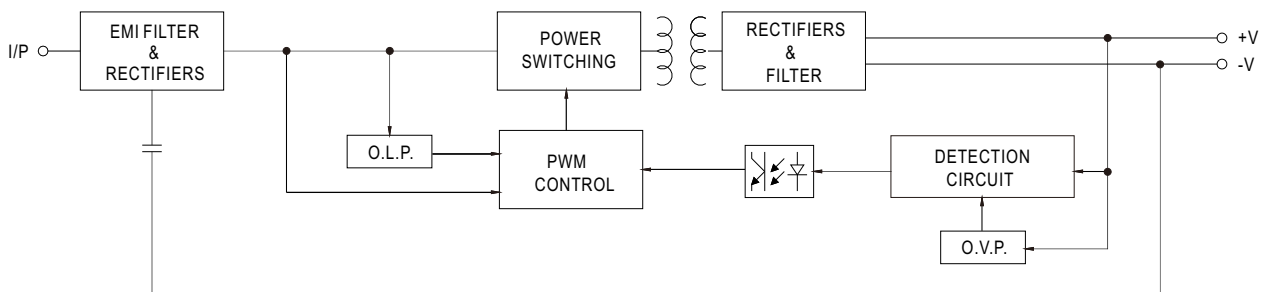


**Recommend Mounting Direction**

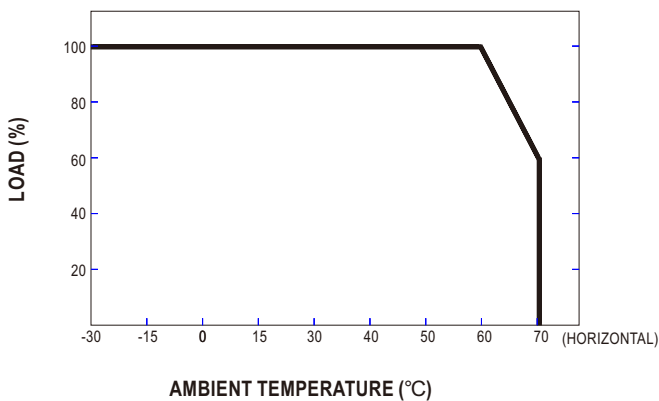


**Block Diagram**

fosc : 65KHz



**Derating Curve**



**Static Characteristics**

