



**SAINLUX**

## Technical and Data Sheet

LED DRIVER 1000W



### **Features:**

- AC input 180~305V AC
- Constant Voltage / Current
- Built-in ACTIVE PFC Function
- Protections: OVP / SCP / OTP

### **Applications:**

- LED Lighting

<b>Specification</b>	
Output: DC Voltage	210V
Voltage Range	60 – 210V
Rated Current	4.8A +/- 5%
Input: Voltage Range	180 ~ 305VAC
Frequency Range	47 ~ 63Hz
Power Factor	PF>0.98/115VAC PF>0.95/230VAC PF>0.94/277VAC(Full Load)
Efficiency (Typ.)(230VAC)	90% @230VAC / 50HZ
Leakage Current	<0.75mA / 277VAC
Protection: Short Circuit	Type: Constant current limit and recovers after fault condition is removed
Over Voltage	110~ 130% rated voltage Protection: Shutdown mode → restart
Over Temperature	100°C±10°C Protection: Shutdown mode → restart
Environment: Working Temperature	-20°C ~ +45°C
Safety & EMC: Safety Standards	UL 8750 +UL 1012( or 60950)
Withstand Voltage	I/P-O/P: 3.75KVAC I/P-FG: 2KVAC O/P-FG: 0.5KVAC
EMI Conduction & Radiation	Compliance to EN55015, FCC part 15 Class B
Harmonic Current	Compliance to EN61000-3-2 Class C, EN61000-3-3
EMS Immunity	Compliance to EN61000-4-2, 3, 4, 5, 6, 11
Dimension (L x W x H)	280mm x 170 mm x 60mm

Spinlux Technology Corp.

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