

## YSL100T SERIES



**Input: 220-240VAC 50/60Hz**  
**Output Voltage: 24V DC**  
**Rated Power: 100W max**

### Features

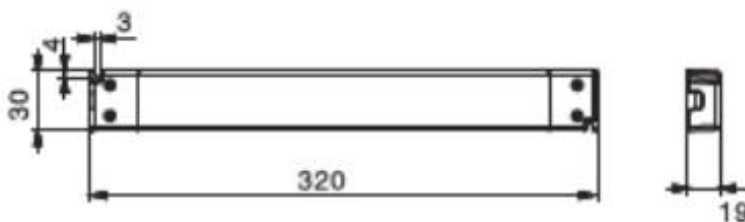
- Input: 220-240V AC 50/60Hz
- RoHS Compliance
- EMI Standard EN55015:2019+A11
- Safety Standard: EN61347-1:2015, EN61347-2-13:2014+A1:2017,
- Inrush current < 65A AC230V/50Hz
- High efficiency & low power consumption
- Short Circuit, Over Current and Over Voltage Protection
- Over temperature protection
- 100% full load burn-in test
- Dimming available

### Application

LED lights bring  
LED indoor lighting  
LED decorative lighting  
LED building lighting



## ■ Dimensions and Installation

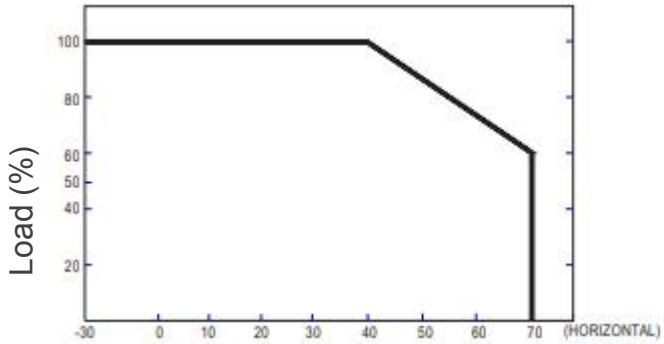


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MODEL DETAIL SPEC.		YSL100T-2404160
INPUT	Input Voltage:	220-240VAC
	Input Frequency:	50/60Hz
	Inrush Current:	65A/230VAC at full load
	AC Current:	0.2A/115VAC 0.21A/230VAC
	Leakage Current:	< 0.25mA/240VAC
	Efficiency:	88%
OUTPUT	DC Voltage:	24V
	Rated Current:	4.16A
	Rated Power:	100W
	Voltage Tolerance:	±5.0%
	Ripple and Noise:	240mVp-p
	Line Regulation:	±3%
	Load Regulation:	±5%
	Setup, Rise, Hold Up time:	1s, 10ms/60ms 230VAC at full load
ENVIRONMENTAL	Operating Temperature:	-20 ~ +60 (Refer to "Derating Curve")
	Storage Temp:	-40°C ~ 85°C
	Storage Humidity:	20 ~ 95% RH
	Working Humidity:	20 ~ 95% RH non-condensing
PROTECTION	Over Load:	Above 105% rated output power Protection type: Hiccup mode, recovers automatically after fault condition is removed
	Over Voltage:	12V:13.8 ~ 16.2V 24V:27.6 ~ 32.4V Protection type: Shut down o/p voltage, re-power on to recover
	Over Temperature:	Shut down o/p voltage, re-power on to recover
SAFETY & EMC	Safety Regulations:	EN61347-2-13:2014+A1:2017, EN61347-1:2015; EN62493:2015
	Withstand Voltage:	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC
	Isolation Resistance:	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C/ 70% RH
	EMC Emission:	Compliance to en61000-3-2:2019, en61000-3-3:2013+A1
	EMC Immunity:	
OTHER	MTBF:	200,000 Hours Minimum at Full Load at 25°C Ambient
	Size:	320*30*19mm
	Weight:	150g / pcs
	Packaging:	50PCS/CTN

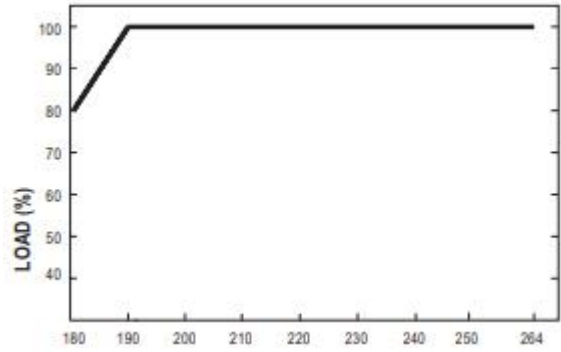
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**Deduction curve  
and temperature**



Environment temperature(°C)

**Minus output  
and input voltage curves**



Input voltage(VAC)

**Functional Diagram**

