

Model: TS10P Series

Approvals : IP67 CE FC

Features:

- * Dimmer output current range from 10% to 100%
- * Compatible with most standard incandescent AC Triac dimmers.
- * Fully isolated plastic case.
- * Operation from -20°C~50°C full load
- * No flicker with adjust luminance
- * Protections: SCP /OTP
- * IP67 Class

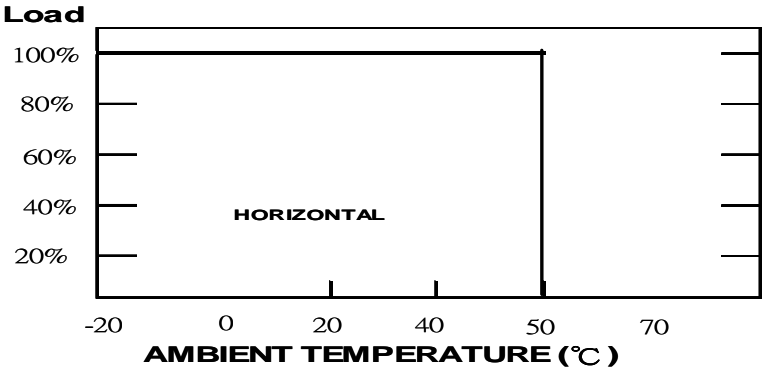
Size : 108 * 30.5 * 26 mm (L*W*H)



Specifications:

Model No.		TS10P-30L	TS10P-21L	TS10P-15L	TS10P-30H	TS10P-21H	TS10P-15H
Output	Constant Current Region Note.1	15 ~ 30.5V	10 ~ 21V	7 ~ 15V	15 ~ 30.5V	10 ~ 21V	7 ~ 15V
	Rated Current	350mA	500mA	700mA	350mA	500mA	700mA
	Current Tolerance	+10%, -10%	+7%, -7%	+7%, -7%	+10%, -10%	+7%, -7%	+7%, -7%
	Rated Power	10.5W	10.5W	10.5W	10.5W	10.5W	10.5W
	Efficiency Note.2	78%	76%	75%	78%	76%	75.0%
Input	Voltage Range	90 ~ 130 Vac			180 ~ 264 Vac		
	Frequency Range	47 Hz ~ 63 Hz					
	AC Current (Max.)	0.30A			0.15A		
	Power Factor	>0.9 @ 110 Vac without dimmer			>0.8 @ 220 Vac without dimmer		
	Inrush Current (Max.)	25A					
Protections	Short Circuit	Yes, no damage.					
	Over Temperature	Detect key component : 95°C±10°C Type: foldback current limit					
Environment	Operation Temp.	-20°C ~ 50°C (Refer to output load derating curve)					
	Operation Humidity	20% ~ 90% RH non-condensing.					
	Storage Temp.	-40 ~ +80°C					
	Storage Humidity	10% ~ 90% RH					
	Vibration	10~500 Hz, 2G 10 min./1 cycle, period for 60 min. each along X, Y, Z axes.					
Safety & EMC	Safety Standards	Compliance EN61347-1, EN61347-2-13, independent; IP67 Approved.					
	Withstand Voltage	I/P-O/P: 3.75KVAC					
	Isolation Resistance	I/P-O/P: 100M ohms / 500VDC at 25 °C					
	EMI Conduction & Radiation	Compliance to EN55015, FCC part 15					
	Harmonic Current	Compliance to EN61000-3-2 Class C					
	EMS Immunity	Compliance to EN61000-4-2, 3, 4, 5, 6, 11; EN61547					
Others	MTBF	200K hours min. MIL-HDBK-217F(25°C)					
	Dimension(L*W*H)	108*30.5*26 mm					
	Packing(L*W*H)/Carton	405*275*205 mm					
	Weight	100pcs / 14kg					
Note	<p>1. Constant current operation region is within 50%~100% rated output voltage. This is the suitable operation region for LED related applications, but please confirm special electrical requirements for some specific system design.</p> <p>2. Efficiency : TS10P-30L/21L/15L at 120Vac and TS10P-30H/21H/15H at 240Vac, all specifications not specially mentioned are measured at 25 °C ambient temperature.</p>						

Derating Curve



Mechanical Specification

