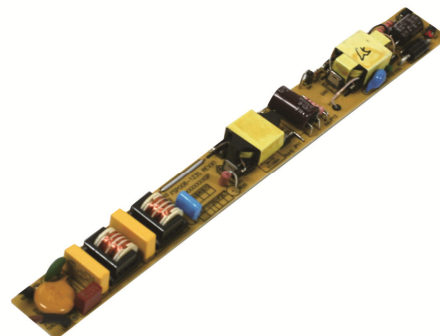


## LED Driver C.C Model

## Light Tube 350mA Series

### Design Highlight:

- Build-in Type,suitable for T8,T5 Light tube size
- Constant current design for high-Power LED
- Universal Full Range input.
- Long Life version
- High PF >0.70
- High Efficiency >70%
- 100% Hi-pot test
- High Reliability
- Single output channel
- RoHS compliant
- OEM Version



### General Spec

Input Voltage : 90Vac- 264Vac

Input Frequency: 47Hz-63Hz

Operating Temperature: -20°C to +60°C

Storage Temperature: -20°C to +85°C

Operating humidity: 20% to 85% RH

Storage humidity: 10% to 95% RH

### Compliance below international Standards

EMI Standards: EN55015 EN61347-1

EMS Standards: IEC 61000

Safety Compliance: Class II EN61347-2-13

EN60950-1 CE

UL 8750

### MTBF:

Life Test : 50.000 hours at 240Vac & ambient 60°C

Hi-pot Test: 3000Vac 1sec working current  $\leq$ 5mA

Leakage Current : 240V/50Hz/0.25mA max

Complete Protection: Short Circuit,Over Voltage,Over Power

Over Temperatur ,Fuse Protection

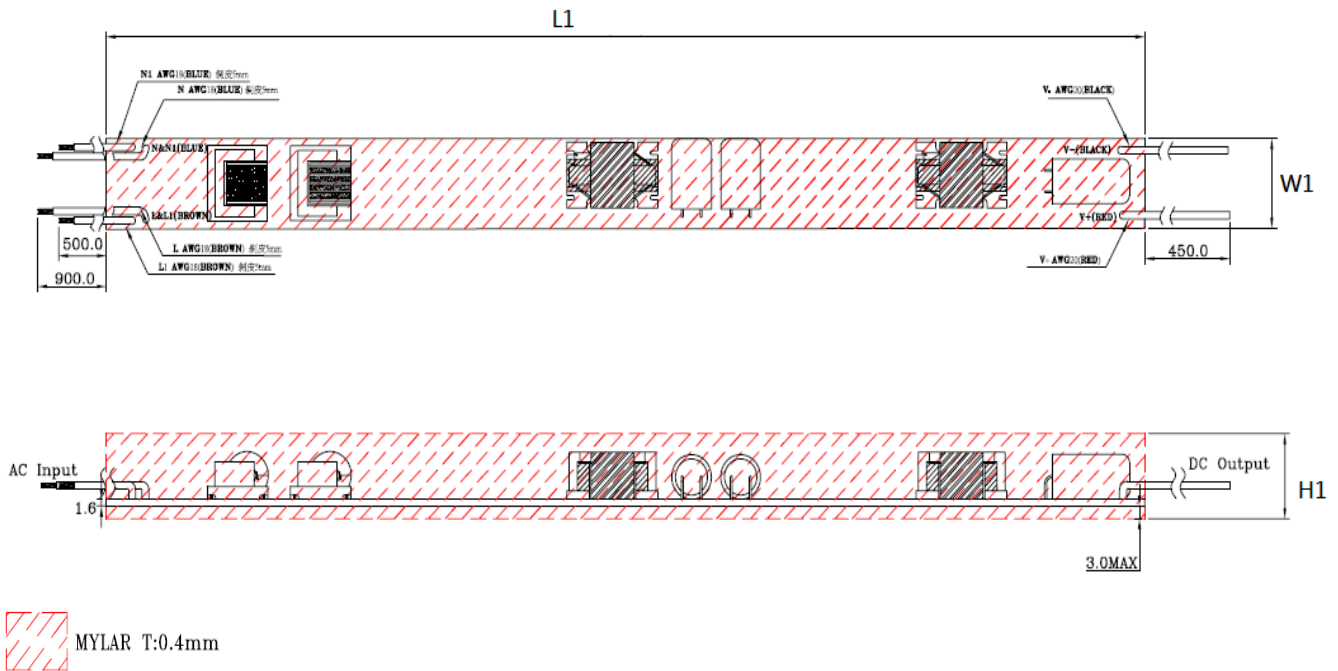
**Light Tube 350mA Series**

Model	O/P Wattage	Output Rating			Efficiency*	PF**	Dimension (mm)		
		V <sub>min</sub>	V <sub>max</sub>	I <sub>cc</sub>			L	W	H
FSP006-1Z32 (035)	6W	11.70V	16.90V	350mA	72.5%	0.70	205	21	20
FSP012-1Z35 (035)	12W	23.30V	33.70V	350mA	78.0%	0.90	230	21	20
FSP024-1Z38 (035)	24W	46.60V	67.40V	350mA	80.5%	0.85	275	21	22

**Note:**

\*Typical load \*\* 220V full load condition

**Mechanical Requirement**



Wiring assignment	
Pin Number	Description
V+ (red)	DC output for LED
V- (black)	Return
N (blue)	AC Input
L (brown)	AC input