

PCC 18TD Series are a range of RoHS compliant single output Constant Current power supplies, of non waterproof design, suitable for indoor LED lighting applications with triac dimming function.

- Captive terminal screws for ease
- Snap lock cable strain relief
- Over load/short circuit and thermal protection
- Triac Dimming 1-100%
- Leading and trailing edge operation
- Class II product

Applications

- Residential LED lighting
- Display cases
- LED downlights
- LED Backlighting
- Mood lighting
- Light sculptures



RoHS Compliant Triac Dimming Constant Current LED Lighting Power Supplies

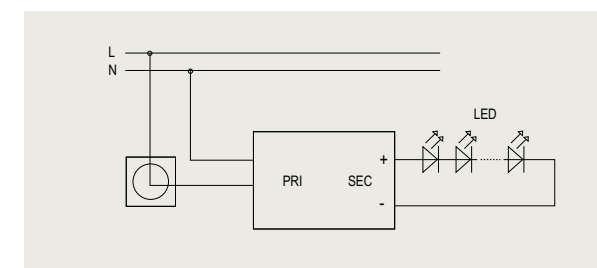
★ Specification

IP Rating	Non IP
Input Voltage	220-240V
Input Frequency	50Hz to 60Hz
Power Factor	0.95
Efficiency	>80%
Set Up Time	< 2s
Over Load Protection	100-135% of rated output power

Over Temperature Protection	Thermal shutdown
Dimming Control	Triac controlled 1-100%
Storage Temperature	-20°C to +80°C
MTBF	900K hours full load 25°C
Safety Standards	Designed to meet EN61347-1:2001 / EN61347-2-13:2001
EMI Standards	Meets Emissions to EN 55015, EN61547

Weight	108g
Input Connections	Screw terminal
Output Connections	Screw terminal
Dimensions	L110 x W45 x H28mm (Case: 8049KX)

★ LED Configuration



Part number	Voltage	Current	Power	LED Config.	Operating Temperature
PCC105018TD	3V-18V	1050mA	18W	1-5 1050mA LEDs	-20°C to +50°C
PCC70018TD	6V-26V	700mA	18W	2-7 700mA LEDs	-20°C to +50°C
PCC50018TD	9-36V	500mA	18W	3-10 500mA LEDs	-20°C to +40°C
PCC35018TD	15-52V	350mA	18W	5-14 350mA LEDs	-20°C to +50°C



SELV



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★ Mechanical Drawing

