

AC DIMMING



PCC36TD 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%
- 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

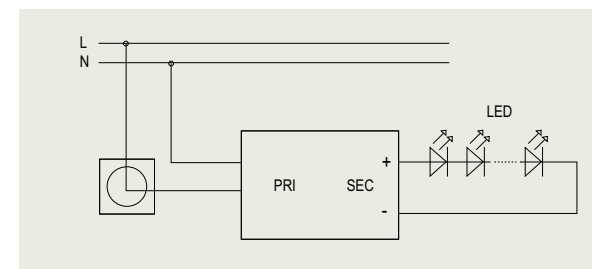
★ Specification

IP Rating	Non IP
Input Voltage	220-240V
Input Frequency	50Hz to 60Hz
Power Factor	0.90
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%
Operating Temperature	-20°C to +50°C
Storage Temperature	-20°C to +80°C
Lifetime	50K hours full load 25°C
Safety Standards	Designed to meet EN61347-1:2001 /EN61347-2-13:2001
EMI Standards	Meets Emissions to EN 55105, EN61547

Dimensions	L166 x W52 x H24mm (Case: 8046GX)
Input Connections	Screw terminal
Output Connections	Screw terminal

★ LED Configuration



Part number	Voltage	Current	Power	LED Config.	Weight
PCC50030TD	30V-56V	500mA	30W	3-17 500mA LEDs	150g
PCC70036TD	24V-52V	700mA	36W	3-15 700mA LEDs	150g
PCC105036TD	16V-35V	1050mA	36W	3-10 1050mA LEDs	150g



★ Mechanical Diagram

