

Super Adapter for Fluorescent Lamps

SA-14W, SA-28W



Overview

Our Super Energy Saving Adapters can be easily retrofitted for the traditional T8 Fluorescent Tube. By simply connecting the adapters to both end of a T5 fluorescent tube and placing back into an existing T8 fitting, users are able to reduce energy consumption by 45-50%.

Key Features

- The Super Energy Saving Adapter is similar to an electronic ballast, a solid state device that will last many years
- High power factor: >0.95
- Immediate start to light up the fluorescent lamp, no delay time factor, no flickering, no noise.
- Increases lifespan of T5 fluorescent lamp, operates at lower operating temperature compared to T8 lamp
- Operates on wider input voltage range of 180V - 240VAC
- T5 fluorescent lamp are brighter and longer life span compared to T8 fluorescent lamp

Illuminance of Fluorescent Lamps

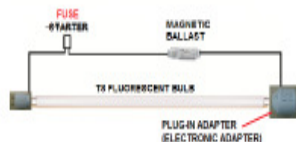
Types	Lum. Flux
T8 600m (2ft), 28W	960 lumen
T8 1200m (4ft), 36W	2200 lumen
T5 533m (21"), 14W	1045 lumen
T5 1168m (46"), 28W	2350 lumen

Above data is based on cool white fluorescent lamps

Fluorescent Light Circuits



Circuit of standard 600mm (2ft) and 1.2m (4ft) fluorescent Light using T8 fluorescent lamps



Circuit of retrofitted 600mm (2ft) and 1.2m (4ft) Fluorescent Light using T5 fluorescent lamp plus end adapters

**2 Years
Warranty**

SA-14W SA-28W

Super Energy Saving Adapter

Data Sheet

Specifications

SA-14W

- Designed to match all standard T5 14W fluorescent lamps
- Compatible with any standard T5 fluorescent lamp, cool white colour (5500K) or warm white colour (3000K)

SA-28W

- Designed to match all standard T5 28W fluorescent lamps
- Compatible with any standard T5 fluorescent lamp, cool white colour (5500K) or warm white colour (3000K)

Input Voltage

- 100 - 240VAC @50/60HZ

Relative Humidity

- 95% Non-condensing

Operating Temperature

- 0 to 55° C

IP Rating

- IP 20

Power Consumption

- SA-14W: 14 Watts
- SA-28W: 28 Watts

Life Span (SA-14W & SA-28W)

- 30,000 hours

Safety Certification Standards

- CE/FCC/RoHs

Weight of Adapter (SA-14W & SA-28W)

- Approx 50 gm

Housing Material (SA-14W & SA-28W)

- Polycarbonate

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We Help You Save Energy Costs