

## Features

- Constant voltage 24V fixed output
- Triac/Phase cut dimming
- Suitable for both leading and trailing edge dimmers
- Built-in active PFC function
- Efficiency up to 89%

## RS PRO LED Driver

RS Stock No: 0642789



RS PRO Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

Buy this product from <https://uk.rs-online.com/>

The **RS PRO LED Driver** is a high-performance, dimmable constant current output LED driver designed to provide efficient, reliable power for LED lighting systems. With compatibility with leading and trailing edge dimmers, this driver offers seamless integration into smart lighting environments.

**Constant Voltage Output:** Delivers a fixed 24V output voltage, ensuring optimal performance for LEDs while maintaining stable brightness levels.

- **High Efficiency:** Designed to minimize energy consumption, the driver achieves high efficiency, reducing operational costs while supporting sustainable, eco-friendly lighting solutions.
- **Compact and Durable Design:** The driver's compact form factor allows for easy integration into various lighting fixtures.
- **Overload and Short Circuit Protection:** Equipped with built-in protection mechanisms to ensure safe and stable operation, preventing damage from electrical faults.
- **Versatile Applications:** Ideal for use in commercial, residential, and industrial lighting applications, especially where dimming control and energy efficiency are a priority.

### General Specifications

Efficiency	Up to 89%
Automatically Restart	Recovers automatically after fault condition is removed
Working Temperature	-40~+60°C
Relative Humidity	20-90% RH, non-condensing
MTBF	50K hours

### Mechanical Specifications

Dimensions	276mm x 78mm x 47mm
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### Electrical Specifications

<b>Rated Output Voltage</b>	24V
Current Tolerance	± 0.5%
Output Current max	12.5A
Rated Power	300W
Input voltage Range	200-240VAC
Frequency Range	47-63Hz
AC Current (Typ.)	2A
Leakage Current	<0.50mA/220VAC

### Approvals

## LED Drivers

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<b>Safety Standards</b>	EN61347-1, EN61347-2-13
EMC Emission	Compliance to EN55015, EN61000-3-2,3 (≥60% load)
EMC Immunity	Compliance to EN61000-4-2,3,4,5,6,11, EN61547