

Features

- Constant current mode output with multiple levels selectable via dip switch
- Triac/Phase cut dimming
- Suitable for both leading and trailing edge dimmers
- Built-in active PFC function
- Efficiency up to 79%

RS PRO LED Driver

RS Stock No: 0360648



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

The RS Pro **0360648** 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 Current Output: Delivers a selectable output current between 100-450mA, ensuring optimal performance for LEDs while maintaining stable brightness levels.

- **High Efficiency:** Designed to minimize energy consumption, the 0360648 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. The screw terminal connections allow for easy installation.
- **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 79%
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	135mm x 30mm x 20mm
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Electrical Specifications

Rated Output Current	100-450mA
Current Tolerance	± 25mA
Output Voltage Range	3-42V
Rated Power	10W
Input voltage Range	200-240VAC
Frequency Range	47-63Hz
AC Current (Typ.)	0.1A
Leakage Current	<0.50mA/220VAC

Approvals

Safety Standards	EN61347-1, EN61347-2-13, UL8750
EMC Emission	Compliance to EN55015, EN61000-3-2,3 (≥50% load), FCC Part 15B
EMC Immunity	Compliance to EN61000-4-2,3,4,5,6,11, EN61547, A light industry level (surge 4KV)

