

# iDrive<sup>®</sup>

## Innovation LED

Version: V1.0

### Solo CV (48W & 60W)

- Smooth mains dimming technology
- Suitable for leading and trailing edge dimmers
- Double insulated (Class II) for safety
- Convenient screw terminals
- Efficient high power output



## Product Overview

The market leading iDrive<sup>®</sup> LED driver range offers the iDrive<sup>®</sup> Solo CV 48W or 60W - a high power, constant voltage and mains dimmable LED driver. This compact driver is capable of driving various constant voltage products such as LED tape or flexible LED neon replacements.

All iDrive<sup>®</sup> LED drivers use a high efficiency single stage topology, which ensures cool operation and long life. The compact, fire retardant enclosure, complete with suitable cable clamp end caps, allows the drivers to be used safely in both internal and remote type fixture applications.

#### Approvals

Safety: EN61347-1 & EN61347-2-13  
 EMI: EN55015 Class B  
 Harmonic current emissions: EN61000-3-2/3  
 Electromagnetic immunity:  
 EN61547, EN55024 & EN61000-4-2/3/4/6/8/11

## Part Numbers

Model	Function	Power	Voltage out	Current	Efficiency
IDCV6048124000	Mains Dimmable	48W	12V	4000mA	80-86%
IDCV6060242500	Mains Dimmable	60W	24V	2500mA	80-86%

## Electrical Specifications

#### Input

Input Voltage Range: 180 – 240V AC/DC  
 Input Frequency: 48Hz to 62Hz AC  
 Power Factor: >0.95 max @ Full load  
 Efficiency: 86% (max)  
 Connection: Screw terminal blocks  
 Insulation Class: II

#### Mechanical

Construction: Polycarbonate UL94-V0 rated (Low Smoke and Halogen Free)  
 Wire Size: 0.5 to 3mm<sup>2</sup> (12 to 26 AWG)  
 Wire Strip Length: 4 to 5mm  
 Screw Torque: 0.45Nm (4 lb-inch)  
 IP rating: IP20

#### Environmental

Operating Ambient Temperature: -30°C to +45°C  
 Storage Ambient Temperature: -40°C to +70°C  
 Humidity: 85% max (non-condensing)

**Dimensions:** 170 x 50 x 31 mm



48W & 60W CV DIMMABLE DRIVER



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