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The Lighting Experts

iDRIVE QUAD

Multi Channel LED Power Supply

Product notes

The iDrive Quad is a highly efficient (86-88%)* DMX/ RDM compliant product, fully approved to CE61347-2-13, which can be deployed as a 1, 2, 3 or 4 channel driver.

Two major benefits of this product are its ability to operate in common anode fixture arrangements and the fact that the channels can be bonded, allowing multiple channels to be wired together to deliver a higher forward current output and greater colour variations, including variable CCT.

The iDrive Quad was one of the first high powered LED drivers capable of driving 4 independent LED channels between 350mA and 1000mA and up to 48V DC, approved to CE 61347-2-13.

Available finishes	Codes
Black	iDRIVE

Features

Ability to update the software remotely. Software programmable forward current to suit different LEDs. Thousands of in-built functions and shows. Variable Voltage Technology: up to 300m between driver and fixture. Dynamic Power Control: x2 forward current on RGB scenes. 300,000 hour rated long life solid state capacitors on LED outputs. Emergency mode for safety applications. Low ripple current . Controlled by DMX512, or by using one of the hundreds of pre-programmed settings.

Electrical Specifications

INPUT Input Voltage Range: 100 - 240V AC. Input Frequency: 50 - 60 Hz. Consumption: 135 Watts Max. Power Factor: >0.92 at full load @ 240VACEfficiency: >85% at full load. Connection: Mains AC loop-in loop-out IEC connectorInsulation Class: 1. Standby mode for reduced carbon footprint. Standby Power: down to 1W. Inrush current: +136.6A / -119.5A

OUTPUT Output Power: 0-48 Watts per channel Max. Output Current: 100 to 1000mA per channel. Voltage: <1 - 48V DC per channel. LED Connection: 10 - Pin terminal connector or molex 3.0Current Resolution: 8-bit & Master Dim. Channel bonding: Common Anode compatible (to 4A max)

CONTROL INPUT Dimming control: DMX-512A or RDM as standard. Connection: RJ45, loop-in, loop-out. Dimming Range: 0 - 100%DMX Address Range: 001 - 512 via Menu system. Programs: See user manual for all pre-setsRDM: Full control over functions and sensors.

MECHANICAL Mounting: Four X 4.5mm holes for fixingConstruction: Steel casing for improved thermal dissipation

ENVIRONMENTAL Operating Ambient Temperature: -10ºC to + 40ºC. Storage Ambient Temperature: -20ºC to + 70ºC. Case Temperature: + 70ºC. Relative Humidity: 80%. Lifetime (failure after 50,000 hours): 5%. Lifetime (failures after 50,000 hours): 5%

DIMENSIONS 210 x 95 x 46 mm