

REMOTE DRIVER UNIT-12

Model 1.1 | 12-port LED | 25 - 50V DC | 700 - 1450 m/A |

Overview

The Project Frog 12-port Remote Driver Unit (RDU-12) integrates with Lutron Class 2 LED Drivers to power a range of LED fixtures at loads of up to 50W.

Compatible Drivers

Lutron Ecosystem LED Drivers

5-Series Ecosystem LED Driver

(LDE55U1UMN-UA070: 48VDC @ 0.7-1.1A)

(LDE55U1UMN-CA145: 26VDC @ 1.5-1.9A)

Hi-lume 1% EcoSystem LED drivers also compatible with consultation.

Consult Lutron for form factors and operating ranges.

Philips Xitanium LED Drivers

54W 0-10V to 1% dimming with Simpleset

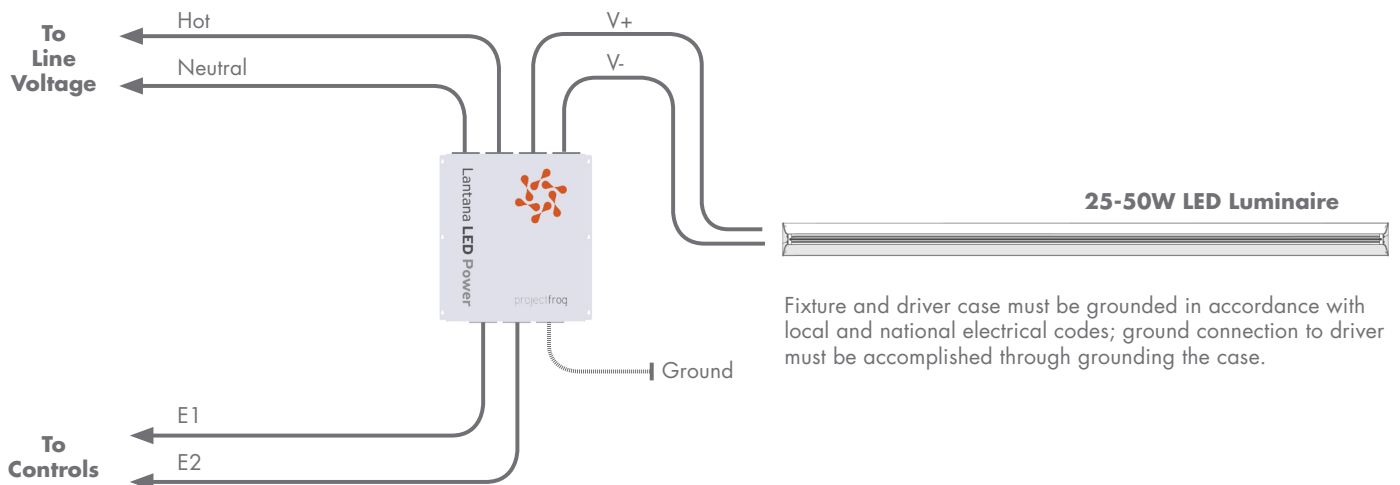
XI054C150V054BST1: 44-48 VDC @ 0.7 -1.1 A)*

(*Driver operation not to exceed 50W per driver)



The RDU-12 provides remote and centralized AC to DC power conversion, converting 120-277VAC input power to low-voltage DC for distribution to Class 2 LED luminaires. The RDU-12 allows for simple, cost-effective lighting installations and reduces the need for thermal management at the fixture. The RDU-12 provides individual power to up to 12 drivers and features a quick and easily wall-mount installation.

Standard RDU-12 Configuration



Specifications

Mechanical

- Dimensions: 22" (442mm) W x 24" (64mm) H x 4" (556mm) D
- Weight: 28lbs (12.71kg)
- For indoor use only
- Operating Ambient Temperature: $t_a = 32\text{ }^{\circ}\text{F}$ to $122\text{ }^{\circ}\text{F}$; $0\text{ }^{\circ}\text{C}$ to $50\text{ }^{\circ}\text{C}$
- Storage temperature: $-4\text{ }^{\circ}\text{F}$ to $158\text{ }^{\circ}\text{F}$; $-20\text{ }^{\circ}\text{C}$ to $70\text{ }^{\circ}\text{C}$
- Operating humidity: 10% to 80% RH non-condensing
- Storage humidity: 5% to 95% RH non-condensing
- Designed for wall mount
- Minimum top/bottom clearance of 6" (153mm)

Electrical Input

- Options:
 - 277VAC/1.8A, 50–60Hz
 - 120VAC/4.2A, 50–60Hz
- Max power consumption: 705W

Compliance

- Class 2 electrical device
- UL Listed
- Made in the U.S.A

Standard RDU-12 Assembly

