

LDU-320-DIM-48V



- *Easy installation*
- *Temperature controlling fan ensures longevity*
- *Metal enclosure available, allowing for use in any harsh environment*
- *Voltage stabilization*

Invest in the quality of your lighting system

The LDU-320-DIM-48V transformer is a power supply suitable for controlling LED circuits when using a resistor to decrease voltage. It offers an advanced 115—240V, 50 / 60HZ output with a maximum setting range of 15-48VDC with adjustable low end voltage setting.

This transformer features a temperature controlling fan and can easily be installed with or without our NTB metal wall box, ensuring longevity in any type of environment.

Specifications and Ordering

LDU-320-DIM-48V Specifications

Nominal power	300W at 230VAC 225W at 115 VAC
Input voltage	115VAC - 240VAC
Input frequency	50/60 Hz
Power input	460W
Power output	15-48VDC, 6.7A maximum
Power consumption tolerance	+/- 5%
Power Factor	0.95/230VAC, 0.98/115VAC
Inrush current	40A (230VAC), 20A (115VAC)
Inrush time	-
Electrical protection	Overload, short-circuit, over temperature
Control interface	Potentiometer 10kOhm or external computer signal 0 – 10VDC
Recyclable	No
Warranty period	3 years
HS code	85044082
Country of origin	People's Republic of China

Operating and Mechanical Specifications

Dimmable	0-10V DC Analog signal; remote potentiometer 10-100 kOhms
Dimmable range	0-100%
Operating temperature	-10°C to 40°C / 14°F to 104°F
Maximum devices	165 pcs. ILU-LED 48V 150 pcs. TULEX 90 (1-Channel) 75 pcs. TULEX 180 (1-Channel)
Connection	Screw terminals
Diameter	-
Height	30mm
Length	215mm
Width	115mm
Mount	External mounting tabs with holes
Housing material	Steel
Color	Grey
Product weight per piece	0.9 kg / 1.98 Lbs pc.

Safety and Certifications

Alarms	Overload, under-voltage (red LED)
CE mark	Yes
RoHS compliant	Yes
CB	Yes
Flammability mark	-
IEC protection class	Class I
IK impact rating	-
IP code	IP20

Ordering Information

Description	SKU	Order code
LDU-320-DIM-48V	1000000143	929002100303

Contact us

or learn more at:

www.once.lighting

ONCE Innovations Inc

3955 Annapolis Ave N, Suite 100
Plymouth, MN 55447
P +1(763) 297 9163

ONCE GmbH

Vechtaer Marsch 3
49377 Vechta, Germany
P +49 (0)4441 8898-10

Email: once.info@signify.com



© 2022 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify.

Revised 12/2022 Data subject to change