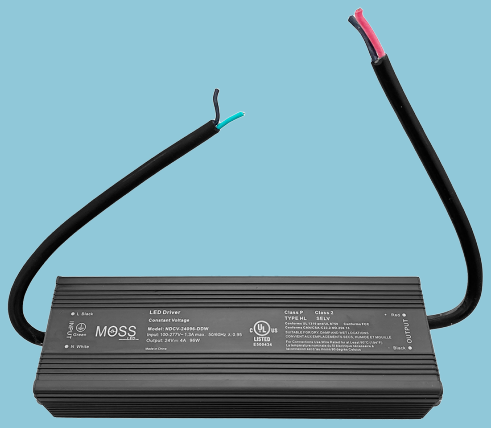
Non-Dim Constant Voltage LED Driver (Power Supply) 96 Watts



Our range of NDCV Non-Dimmable Constant Voltage bring a new level of reliability to the LED lighting industry. Fanless design with robust metal housed fully listed cULus LED drivers are perfect for powering our range of standalone LED controllers or for directly powering constant voltage LED strips when control is not required.

Reliable and robust LED power supply designed for use with all constant voltage LED products or secondary LED controllers. Perfect for on-camera or commercial-grade constant-on use with our FlexLED Tape and any constant voltage LED product. Available in 24VDC and 12VDC. Class P, Tyle HL and SELV with safety features including short-circuit, overload, over-voltage, over-current, and over-temperature protection. Rated for dry, damp, and wet locations. Safe, powerful, and reliable are the cornerstones of our NDCV line of power supplies from MossLED. Amazing 5 year warranty.

The NDCV-24384-DDW provides 4 X 96 Watt Class 2 outputs for a total of 384 watts in one compact package.

Other Features:
Output 96 Watt
Class 2 (24V version only)
Class P
Type HL
SELV

Please call 1.800.924.1585 or email info@mossled.com to inquire.

c UL us LISTED E500434 | RoHS | CE | 24V DC | 12V DC | 5 years | Class P | Type HL | SELV

30 Watts | 60 Watts | **96 Watts** | 120 Watts | 200 Watts | 300 Watts | 384 Watts

www.mossled.com
1.800.924.1585 -416.463.6677
info@mossled.com

FlexLED Flexible LED Tape

MOSS LED

TECHNICAL SPECIFICATIONS

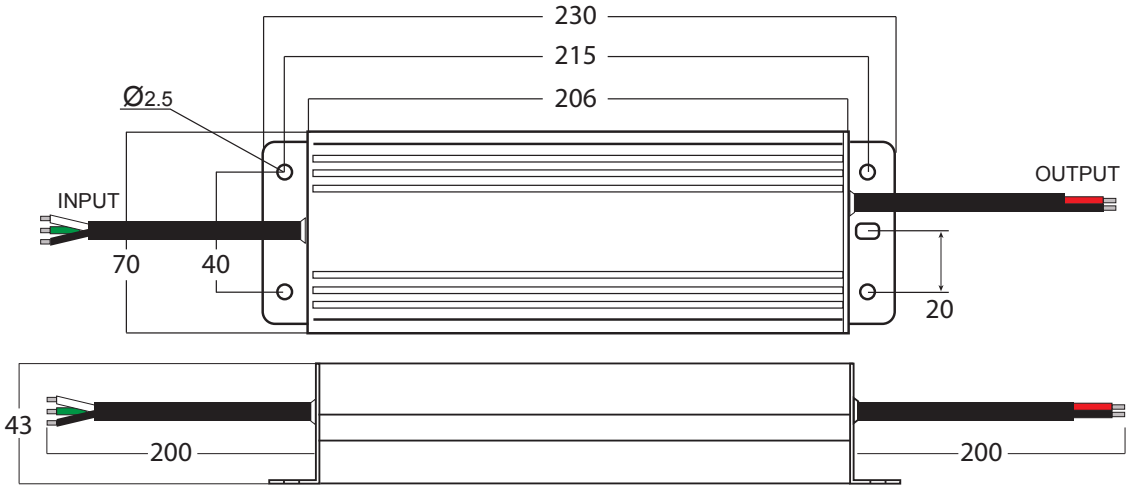
NON FANLESS LED DRIVERS - 96 WATT SPECIFICATION

	MODEL	NDCV-24096-DDW
	CERTIFICATES	UL cULus Class 2 Class P SELV Type HL, RoHS UL8750+UL1310, CAN/CSA-C22.2 No.250.13 FCC 47 CFR Part 15 ,Subpart B
OUTPUT	DC VOLTAGE	24V
	VOLTAGE (TOLERANCE, REGULATION)	±0.5V ±0.5%
	RATED CURRENT	4A
	RATED POWER	96 W
	LOAD REGULATION	±1 %
INPUT	VOLTAGE RANGE	100-277VAC
	FREQUENCE RANGE	47 - 63Hz
	POWER FACTOR(TYP.)@ FULL LOAD	0.99 @ 120VAC 0.97 @ 230VAC 0.97 @ 277VAC
	THD(TYP.) @ FULL LOAD	<15% @ 120VAC <20% @ 230VAC <20% @ 277VAC
	EFFICIENCY(TYP.)@ FULL LOAD	83% @ 120VAC 88% @ 230VAC 87% @ 277VAC
	AC CURRENT(MAX.).	1.5A@120VAC
	INRUSH CURRENT (TYP.)	20A, 50%, 1.6ms@120VAC; 30A,50%,200us@230VAC; 25A,50%,1.2ms@277VAC
PROTECTION	SHORT CIRCUIT	SHUT DOWN O/P VOLTAGE, RE-POWER ON TO RECOVER AFTER FAULT CONDITION REMOVED
	OVER LOAD	≤120% SHUT DOWN O/P VOLTAGE, AUTOMATICALLY RECOVER
	OVER TEMPERATURE	100°C±10°C SHUT DOWN O/P VOLTAGE, AUTOMATICALLY RECOVER AFTER COOLING.
ENVIRONMENT	WORKING TEMP.	40~ + 60°C (SEE BELOW DERATING CURVE)
	WORKING HUMIDITY	20 - 95%RH, NON-CONDENSING
	STORAGE TEM., HUMIDITY	-40°C~ +80°C,10 - 95%RH
	VIBRATION	-10～500Hz, 2G 10min. / 1 CYCLE, PERIOD FOR 60MIN. EACH ALONG X, Y, Z AXES
OTHER	NET WEIGHT	1.05 Kg
	DIMENSION	230 X 70 X 43 mm
	STANDARD PACK	10pcs / box

1. All parameters not specially mentioned are measured at 120VAC input , rated load and 25° C of ambient temperature.
2. Tolerance: includes set up tolerance, line regulation and load regulation .
3. The power supply is considered as a component that will be operated in combination with the final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturer must re-qualify EMC directive on the complete installation again.

TECHNICAL SPECIFICATIONS

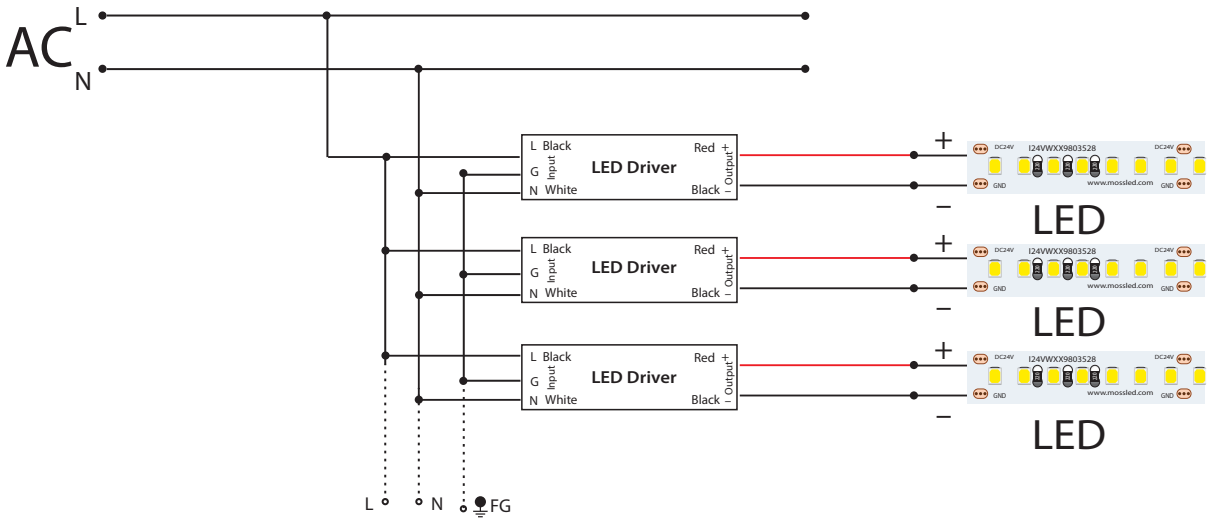
PHYSICAL SPECIFICATIONS



1. Input cable 18AWG, Green cable to (FG) Black Cable to L ,and White Cable to N of Mains AC
2. Output cable 16AWG, Red Cable (+) to LED Positive side, Black Cable (-) to LED Negative side
3. Please ensure sure to connect as per the wiring instructions otherwise your product may not function correctly and could be damaged not covered under warranty.
4. Connect all wires together prior to energizing
5. Custom requests can be accomodated. Please contact us. info@mossled.com

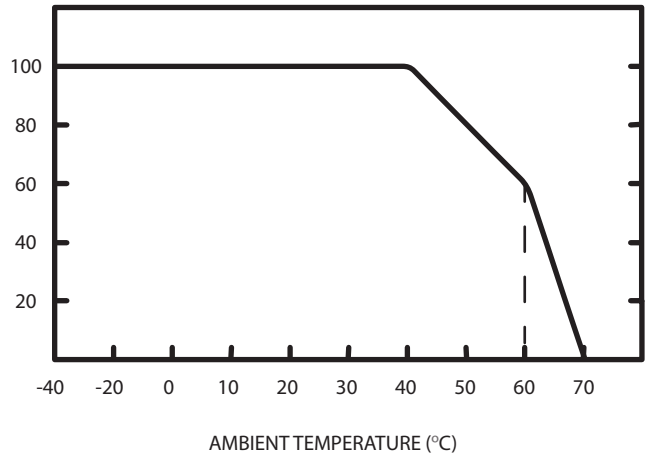
CONNECTING DIAGRAM

TECHNICAL SPECIFICATIONS



1. This driver should be installed by a qualified and professional electrician;
2. Please make sure the driver is installed with adequate ventilation around it to allow for heat dissipation.
3. Ensure that wiring is correct before test in order to avoid light and power supply damage.
4. If you have any questions or concerns please contact Moss LED at info@mossled.com

DERATING CURVE



To extend the life of the LED Driver, please refer to the Derating Curve and derate according to the ambient temperature

INSTALLATION NOTES

1. This driver should be installed by qualified and professional person.
2. Keep proper ventilation around the unit and do not stack any objects on it. A 10-15 cm clearance must be kept when the adjacent device is a heat source.
3. Ensure that wiring is correct before testing in order to avoid LED light and/or power supply damage.
4. If you have any issues or concerns please contact Moss LED at info@mossled.com.
5. Before commencing any installation or maintenance work, please de-energize the power supply from the utility. Ensure that it cannot be re-connected inadvertently!
6. Mounting orientations other than standard orientation or operate under high ambient temperature may increase the internal component temperature and will require a de-rating in output current.
7. Current rating of an approved primary /secondary cable should be greater than or equal to that of the unit. Please refer to its specification.
8. For LED power supplies with waterproof connectors, verify that the linkage between the LED driver unit and the lighting fixture is tight so that water cannot intrude into the system.

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