

PROJECT NAME

MODEL NUMBER

TYPE



DESCRIPTION

Built specifically for DirectLED tape lights these drivers will provide constant voltage for years at a time, with minimal fluctuations in output.

NON-DIMMING — IP20

24V

DC OUTPUT

110-277

VAC INPUT

0.95+

POWER FACTOR

CERTIFICATIONS & RATINGS

- UL LISTED
- CUL LISTED
- CLASS 2
- CLASS P
- IP20

SPECIFICATION FEATURES

Output	Constant voltage — 24VDC
Certifications	UL, cUL listed, Class 2, Class P
IP Rating	IP20
Dimming	Non-Dimming
Rated Power	30–300W (see ordering matrix)
Efficiency	Up to 80%
Universal Input	110–277VAC
Load Range	0.01–100%
Power Factor	Typical >0.95 (active PFC built in)
Safety Features	Short-circuit, over-temperature, overload protection
Materials	Plastic enclosure

ORDERING MATRIX

DLX SERIES	DIMMING	VOLTAGE	WATTAGE
DLX	ND	24V	30
			60
			96
			150
			300

Example order code: DLX-ND-24V-60W | For dimming version see DLX Series (5-Style Dimming)

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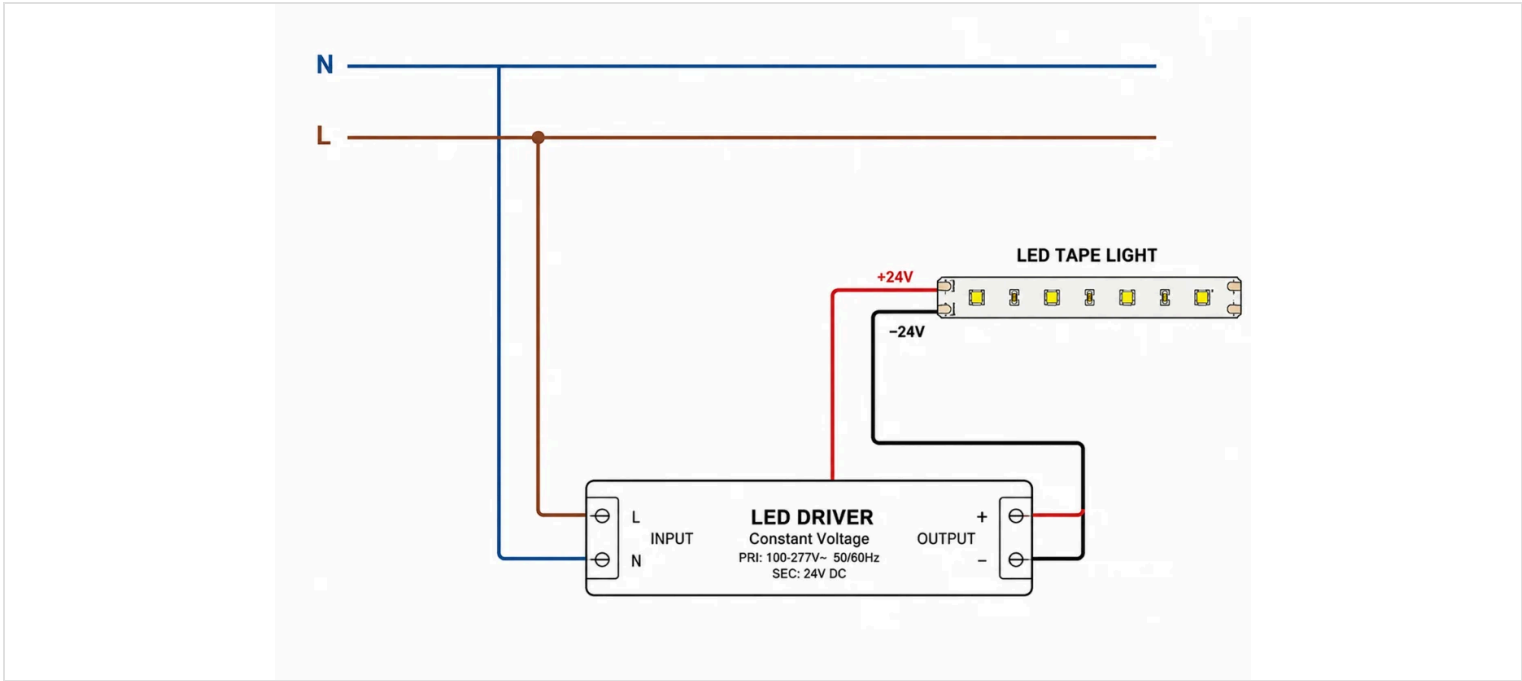
TYPE

TECHNICAL SPECIFICATIONS

PARAMETER	VALUE
PROTECTION	
Fault Recovery	Hiccup mode — recovers automatically after fault condition is removed
Over Current	≤1.2 × Iout
Over Loading	≤120%
Over Temperature	100°C ±10°C — shuts down output voltage; recovers automatically after temperature normalises
ENVIRONMENT	
Operating Temperature	-40°C to +60°C
Working Humidity	20–90% RH, non-condensing
Storage Temp. / Humidity	-40°C to +80°C 10–95% RH
Temperature Coefficient	±0.03%/°C (0–50°C)
MECHANICAL VIBRATION	
Vibration	10–500Hz, 2G, 12 min./1 cycle — 72 min. total each along X, Y, Z axes
SAFETY & EMC	
Safety Standards	EN61347-1 EN61347-2-13
EMC Emission	EN55022, EN55015 Class B
DIELECTRIC WITHSTAND VOLTAGE	
Input to Output	3KVAC
Input to Frame Ground	1.88KVAC
Output to Frame Ground	0.5KVAC
ISOLATION RESISTANCE	
I/P–O/P, I/P–FG, O/P–FG	100MΩ / 500VDC / 25°C / 70% RH

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WIRING DIAGRAM



LINE DRAWING

