192W 24V Class 2 Constant Voltage Driver

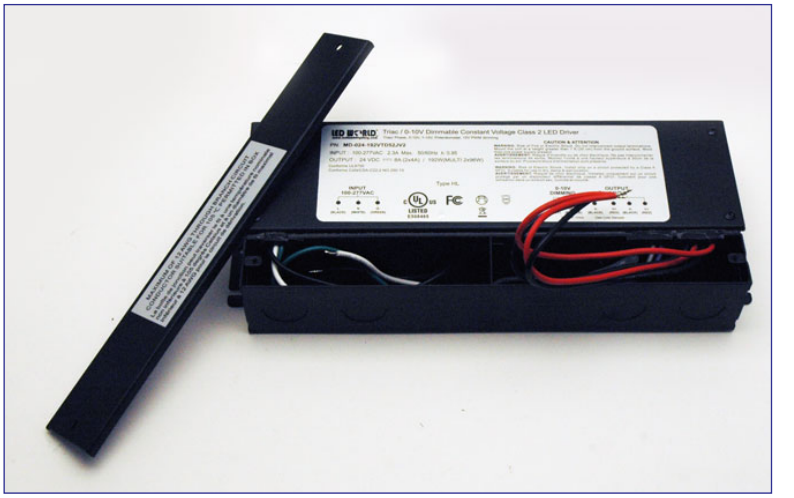
Model : MD-024-192VWJ2V2

HUEDA LED
www.huedaled.com

24V DC | 192W | c UL us LISTED | FC | SELV | 6 Years Limited Manufacturer Warranty | 2 MULTI TAP

FEATURES

- Constant Voltage Output
- Universal AC input: 100~277VAC
- Power Factor > 0.99
- High efficiency > 90%
- Protection : Short circuit / Over Voltage / Over temperature
- Suitable for use in dry, damp & wet indoor/outdoor applications
- Easy installation
- Free Air convection cooling
- Full protection aluminum housing
- cULus listed
- Suitable for LED lighting and sign lighting applications
- 8 Knockouts for easy wiring



SPECIFICATIONS

Output	DC Voltage	24V
	Voltage	±0.5V Tolerance, ±0.5% Regulation
	Rated Current	2 x 4A
	Rated Power	192W (96W x 2)
Input	Voltage Range	100~277VAC
	Frequency Range	47~63Hz
	Power Factor (Typ.)	PF ≥ 0.99/120VAC, PF ≥ 0.94/277VAC
	Efficiency (Typ.)	88% @ 120VAC, 90% @ 277VAC
	THD (Typ.) @ full load	<20%
	AC Current (Typ.)	2.3A @ 100VAC
	Inrush Current (Typ.)	19A (twidth=1.3ms) @ 120VAC; 38A (twidth=960us) @ 277VAC
	Leakage Current	< 0.50mA
Protection	Short Circuit	Shutdown o/p voltage, re-power to recover after short circuit
	Over Temperature	100°C±10°C shutdown o/p voltage, automatically recovers after cooling
	Over Loading	≤ 120% Constant current limiting, auto recovery
Environment	Working Temp.	-40°C ~ 60°C (-40°F ~ 140°F)
	Working Humidity	20~90 % RH, non-condensing
	Storage Temp. Humidity	-40°C ~ 80°C, 10~95 % RH
	Temp. Coefficient	±0.03% / °C (0°~50°C)
	Vibration	10~500Hz, 5G 10min/1 cycle, period for 60min each along X, Y, Z axes
Safety & EMC	Safety standards	UI8750 + UL1310
	Withstand voltage	I/P-O/P:1.88KVAC
	Isolation Resistance	I/P-O/P: 100MΩ/500VDC/25°C/70%RH
	EMC EMISSION	FCC 47 CFR Part 15 B
Other	Net. Weight	2Kg (4.40lbs)
	Size	278L x 110W x 46H mm (10.94" x 4.33" x 1.82")

HUEDA LED | #130 10615 48 ST SE | CALGARY, AB T2C 2B7 | CANADA | Version 1.0 05/06/26

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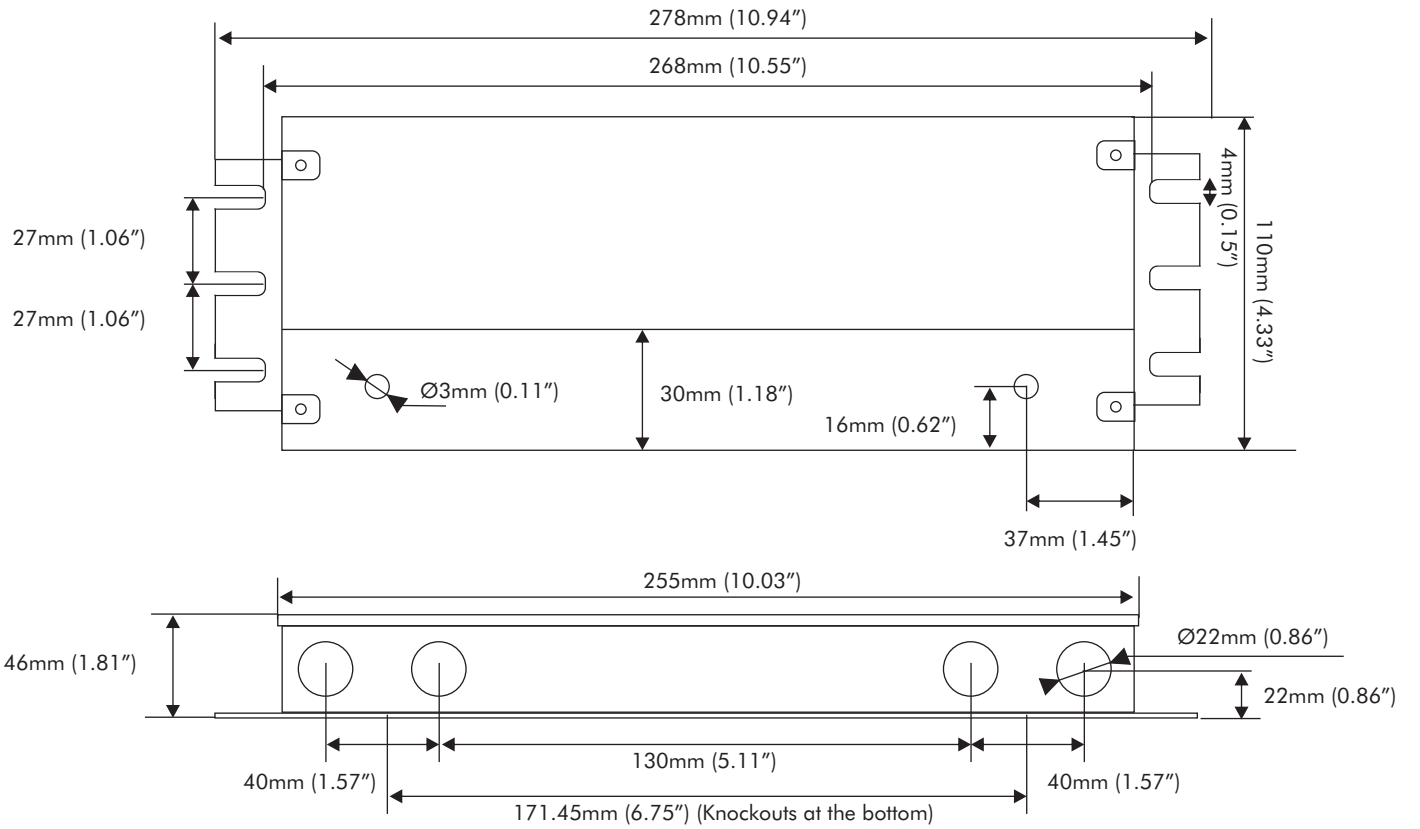
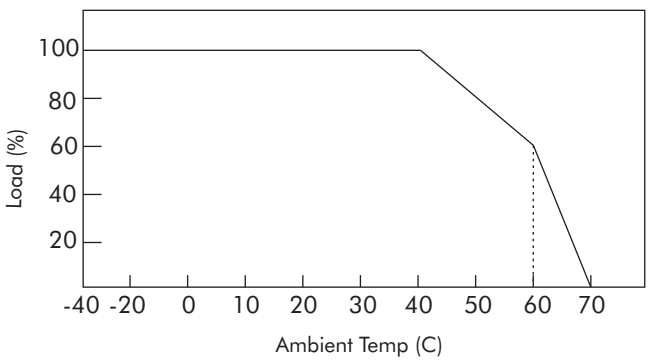
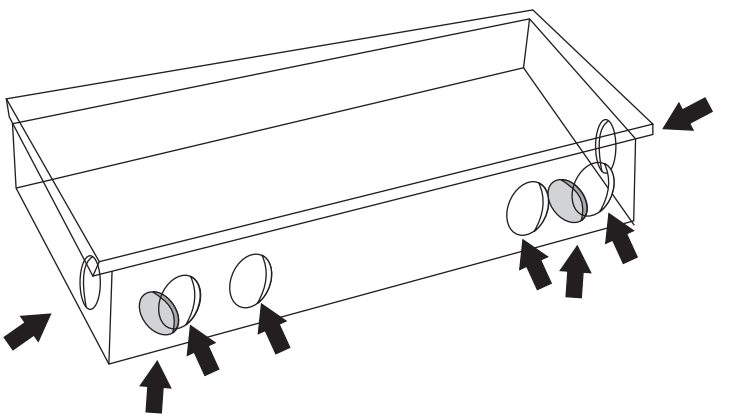
PRODUCT DIMENSION



DERATING CURVE



KNOCKOUTS



WARNING

- Check polarity
- Risk of Electric Shock.
- Risk of Fire. Installation involves special wiring methods to run wiring through a building structure. Consult a qualified electrician.
- Risk of Electric Shock. Mount the unit at a height more than 1 ft (30cm) from the ground

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