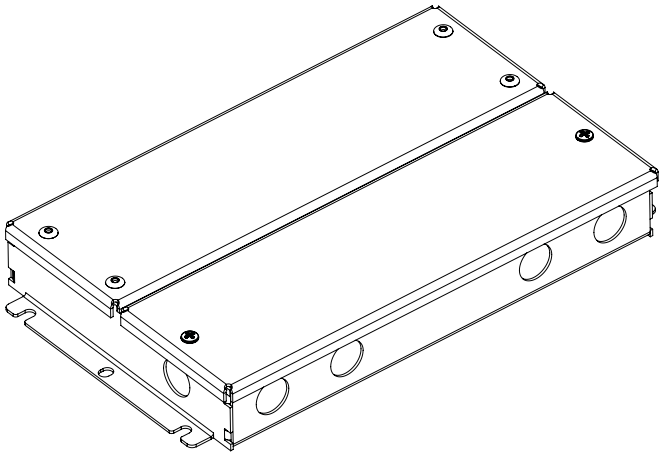
JOYOLIGHt

2020-04

JLN-192-24-JP2

SPEC

POWER



#12, 5200 Dixie Rd,
Mississauga, ON
Canada L4W 1E4
www.joyolight.ca
info@joyolight.com



Features

· Output constant Voltage, class 2 muti-channels
· UL, cUL listed, Class 2, Type HL
· Range: 100-277VAC
· Built-in active PFC function
· Efficiency up to 90%
· High power factor up to 0.99
· Protections: short circuit/over load/ over temperature
· Cooling by free air convection
· Full protection metal housing, for dry, damp and wet locations

c UL us LISTED E509213

Class 2 TYPE HL

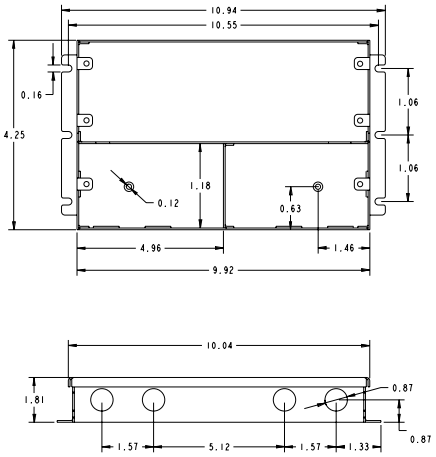
JLN-192-24-JP2		
Certification		UL cUL FCC
Output	DC Voltage	24V
	Rated Current	2*4A
	Rated Power	192W (2*96W)
	Voltage Tolerance	±0.5V
	Voltage Regulation	±0.5%
	Load Regulation	±1%
Input	Voltage Range	100-277VAC
	Frequency Range	47-63Hz
	Power Factor (Typ.) @ full load	0.99@120VAC 0.94@277VAC
	THD (Typ.) @ full load	<20%
	Efficiency (Typ.) @ full load	88%@120V 90%@277VAC
	AC Current (Max.)	2.3A (100VAC)
	Inrush Current (Typ.)	19A ,50%,1.3ms @120VAC; 38A, 50%, 960us @277VAC
	Leakage current	<0.5mA
Protection	Short Circuit	shut down o/p voltage, re-power on to recover after fault condition is removed
	Over Loading	≤120% Hiccup mode, recovers automatically after fault condition is removed
	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	20~90%RH, non-condensing
	Storage TEMP. Humidity	-40~+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	UL8750 + 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, Subpart B
Others	Net. Weight	2.0Kg
	Dimension	278*108*46mm (L*W*H)
	packing	10 pcs/CTN
Notes	1. All parameters if NOT specially mentioned are measured at 120VAC input , rated load and 25°C of ambient temperature. 2. To extend the driver's using life, please reduce the loading at lower input voltage.	

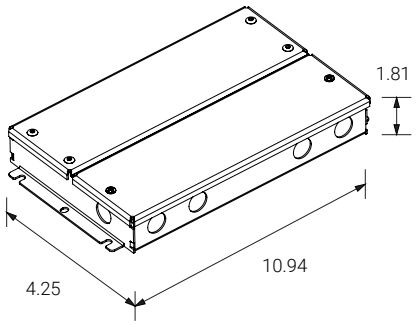
JOYOLIGHT GROUP INC.

#12, 5200 Dixie road
Mississauga, ON, L4W 1E4

www.joyolight.ca
info@joyolight.com
1-877-849-1942 (US)
647-496-8107 (CA)

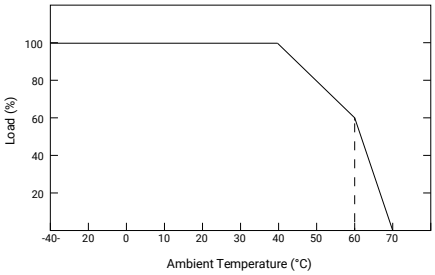
MECHANICAL SPECIFICATION





Units: inch
Tolerance: 0.02-0.08in

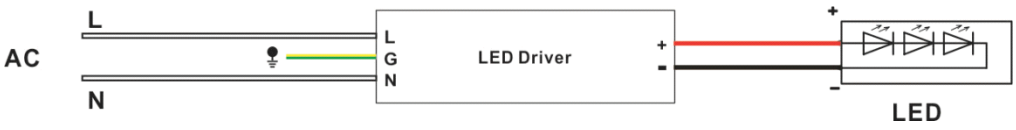
DERATING CURVE

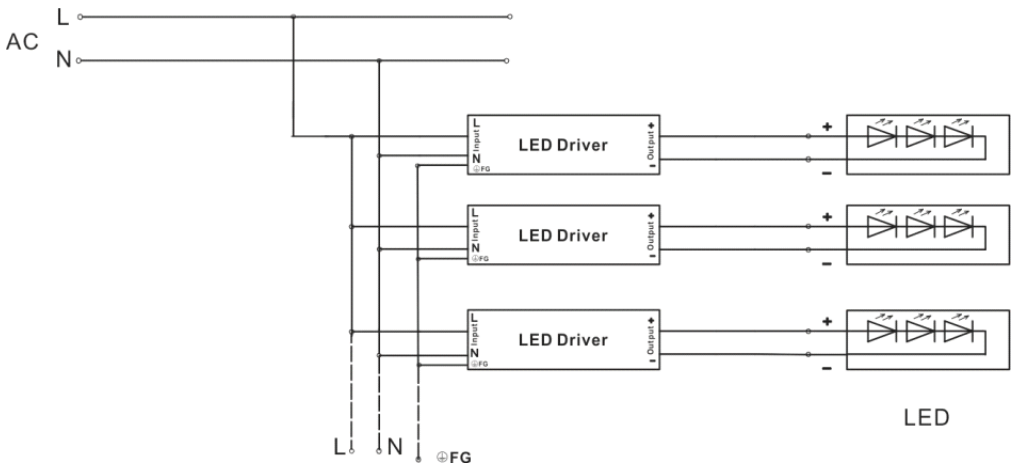


• To extend their life, please refer to the Derating Curve and derate according to the temperature.

· Input wire 18AWG Black and White to be connected to AC L and N ,Green wire go ground,
· Output cable 2*16AWG, "Red" (+) to LED Positive side (+), "Black"(-) to LED Negative side (-). Two groups output cables of JLN-192-24-JP2
· Please make sure your connect these correctly otherwise your product will not function correctly and could be damaged.
· Note: Any other requests we can customized.

CONNECTING DIAGRAM





⚠ *WARNING*

1) This driver should be installed by qualified and professional person;
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 driver Cannot work normally, don't maintain privately; Have any question, please contact Joyolight.

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