

**CLEARMIRROR®**

THE DIFFERENCE IS CLEAR

SHOWERLITE LED DRIVER**FEATURES**

- Output constant voltage
- UL, cUL listed, Class 2, Class P, Type HL
- Universal AC input: 100–277VAC
- Power factor: up to 0.99
- High efficiency: up to 86%
- Protection: short circuit/over loading/over temperature
- Full protection plastic case, for dry and damp locations
- Cooling by free air convection
- Suitable for LED lighting

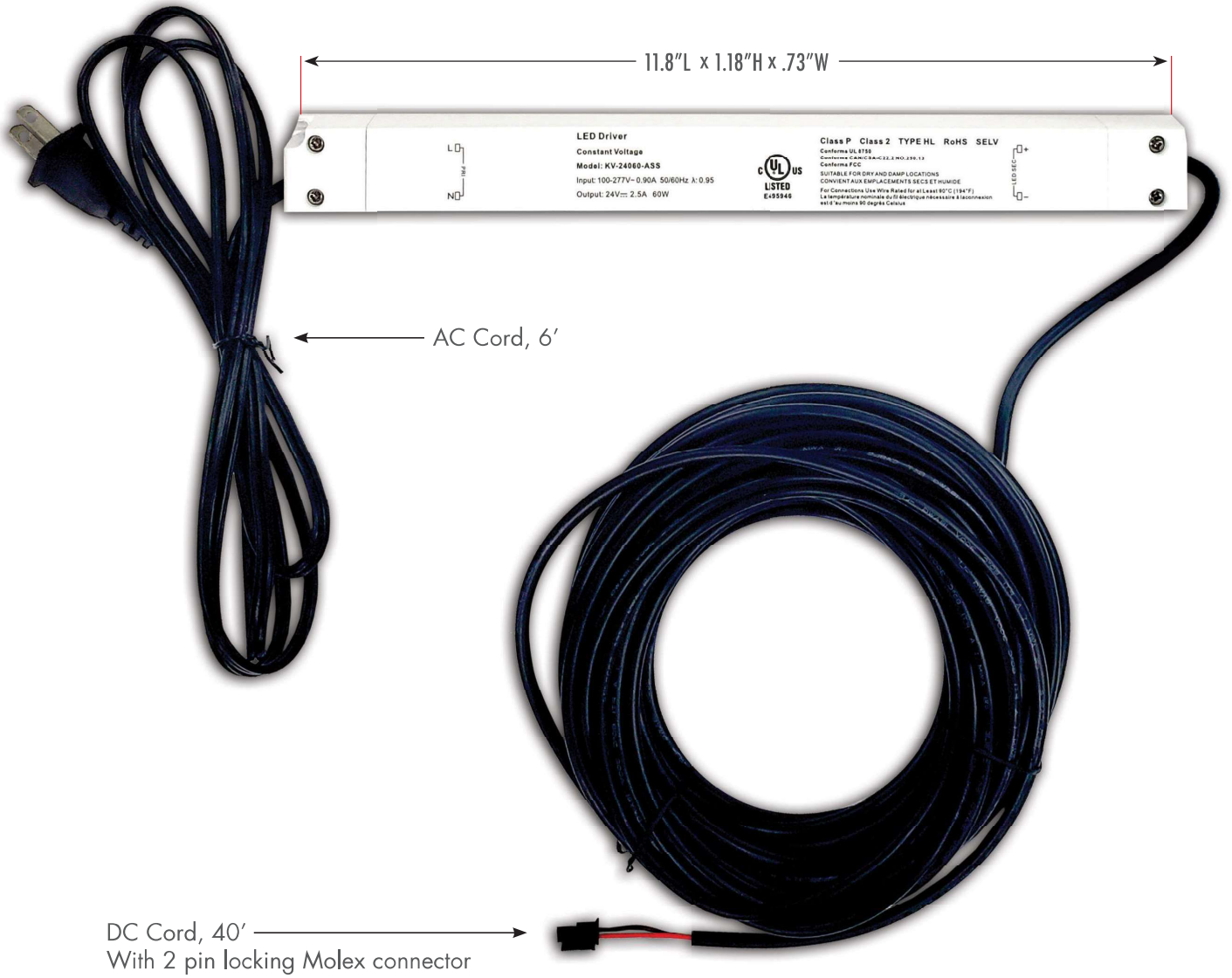
MODEL		SHOWERLITE LED DRIVER
CERTIFICATES		UL cUL Class 2
OUTPUT	DC voltage	24V
	Rated current	2.5A
	Rated power	60W
	Voltage tolerance	±0.5V
	Voltage regulation	±0.5%
	Load regulation	±1%
INPUT	Voltage range	100–277VAC
	Frequency range	47–63Hz
	Power factor(Typ.) @ full load	0.99@120VAC; 0.95@277VAC
	THD (Typ.) @ full load	120V<10%; 277V<15%
	Efficiency (Typ.) @ full load	120V 83%; 277V 85%
	AC current (Max.)	0.9A@100VAC
	Inrush current (Typ.)	120V=11A, 50%, 1ms ; 277V=27A, 50%, 1.08ms
	Leakage current	<0.50mA
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 temperature	-40~+60°C (see below derating curve)
	Working humidity	20~90%RH, non-condensing
	Storage temperature humidity	-40~+80°C, 10~95%RH
	Temperature coefficient	±0.03%/°C (0~50°C)
	Vibration	10~500Hz, 2G 10min./1 cycle, period for 60min. each along X,Y,Z axes
SAFETY& EMC	Safety standards	UL8750+UL1310, CAN/CSA-C22.2 No.250.13
	Withstand voltage	I/P-O/P:1.88KVAC
	Isolation resistance	I/P-O/P:100MΩ/500VDC/25°C/70%RH
	EMC emission	EMC emission FCC 47 CRF Part 15, Subpart B
OTHERS	Net. weight	0.3KG
	Size	300x30x18.5mm (LxWxH)
	Packing	330x330x130mm/50pcs/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	



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NON-DIMMABLE LED DRIVER

CONNECTING DIAGRAM



Class 2
Class P
TYPE HL

