

### Key Features & Benefits:

- Universal AC Input / Full Range (up to 305 VAC)
- Built-in Active PFC Function
- Protections: Short Circuit / Over Voltage / Over Temperature
- Suitable for Dry / Damp Locations
- Easy Installation with ESL Vision's Quick Connect
- Potted for Better Cooling and Vibration Resistance
- 5 Year Warranty
- 0-10v Dimming - Dim to Off for Advanced Controls
- 12v Aux
- Adjustable Wattage via Dipswitch

Project: \_\_\_\_\_ Date: \_\_\_\_\_  
 Catalog #: \_\_\_\_\_  
 Notes: \_\_\_\_\_



### Electrical Specifications:

INPUT	ITEM#	INPUT VOLTAGE RANGE	FREQUENCY RANGE	POWER FACTOR	THD	EFFICIENCY	MAX INPUT CURRENT
	ESL-DQC5-1822W-3L	90-305 VAC	47-63 Hz	>0.97 @120 VAC >0.90 @277 VAC	< 15%	120 VAC>88.5% 277 VAC>89%	0.68A Max @25C 120 VAC 0.34A Max @25C 230 VAC

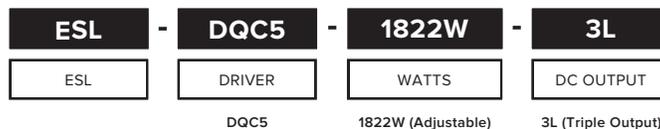
OUTPUT	OUTPUT VOLTAGE	OUTPUT CURRENT		OUTPUT POWER	
		18W	22W	18W	22W
60-115 VDC	450mA	570mA	54W	66W	

### Environment Specifications:

OPERATING TEMPERATURE	MAXIMUM CASE TEMPERATURE	OPERATING HUMIDITY	STORAGE TEMPERATURE	STORAGE HUMIDITY
-4-140°F(-20-60°C) 122-140°F(50-60°C) derating to 80% load	TC<176°F(80°C) @122°F(50°C) Ambient	10%-85%	-40-185°F(-40°C-85°C)	5%-90%

### Ordering Guide:

Example Part Number: **ESL-DQC5-1822W-3L**



### Protection:

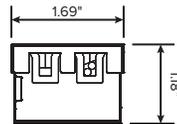
OVER VOLTAGE	OVER CURRENT	SHORT CIRCUIT	OVER TEMPERATURE
<160V	YES	YES	YES

### Safety and EMC:

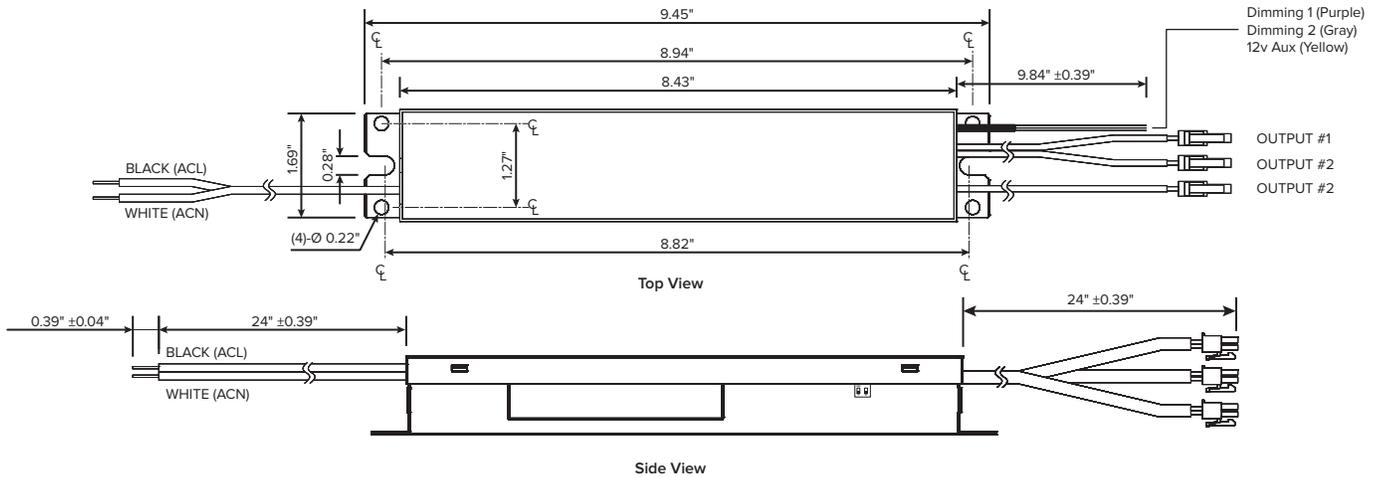
SAFETY STANDARDS	EMI/EMC
UL8750 EN61347-2-13	Comply with FCC Part15 Class A

### Dimensions:

STANDARD LEAD LENGTHS	WIRE	
Black	24"	18#AWG
White	24"	18#AWG
Outputs 1-3	24"	22#AWG
Dimming 1 (Purple)	9.84"	24#AWG
Dimming 2 (Gray)	9.84"	24#AWG
12v Aux (Yellow)	9.84"	24#AWG



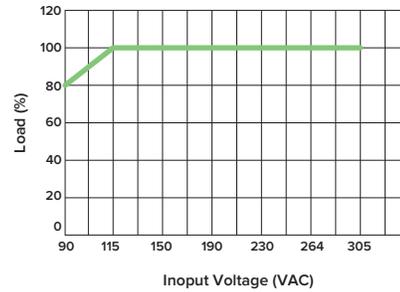
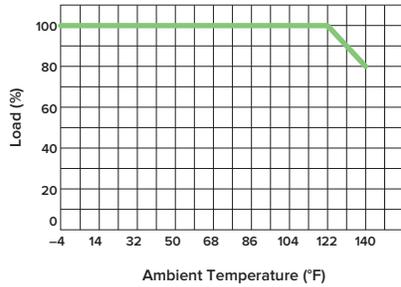
End View



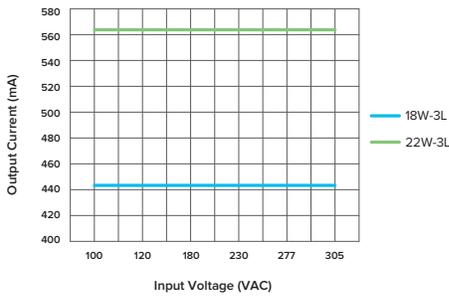
### Hot Spot Location:



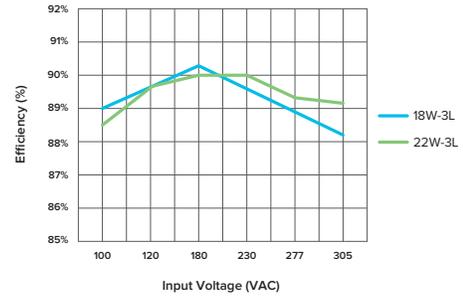
### Derating Curve:



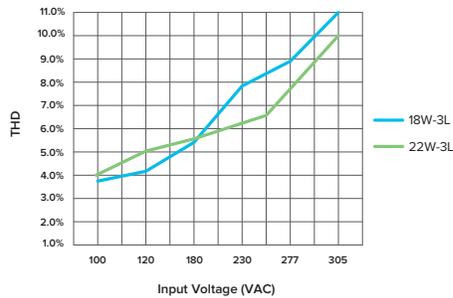
### Output Current & Input Voltage:



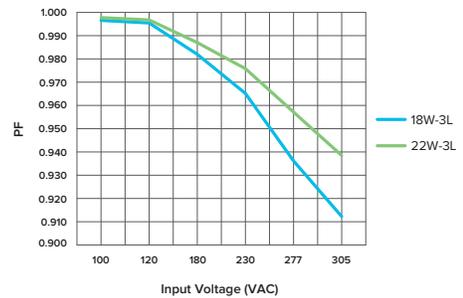
### Efficiency & Input Voltage Curve:



### THD & Input Voltage Curve:



### Power Factor & Input Voltage Curve:



### Life Time & Tcase:

