

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-DQC5-3036W-4L | 90-305 VAC | 47-63 Hz | >0.97 @120 VAC >0.90 @277 VAC | < 15% | 120 VAC>90% 277 VAC>91% | 1.5A Max @25C 120 VAC 0.75A Max @25C 230 VAC |

| OUTPUT | OUTPUT VOLTAGE | OUTPUT CURRENT | | OUTPUT POWER | |
|------------|----------------|----------------|------|--------------|-----|
| | | 30W | 36W | 30W | 36W |
| 90-152 VDC | 710mA | 900mA | 120W | 144W | |

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-DQC5-3036W-4L**



Protection:

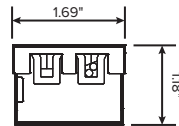
| OVER VOLTAGE | OVER CURRENT | SHORT CIRCUIT | OVER TEMPERATURE |
|--------------|--------------|---------------|------------------|
| <200V | YES | YES | YES |

Safety and EMC:

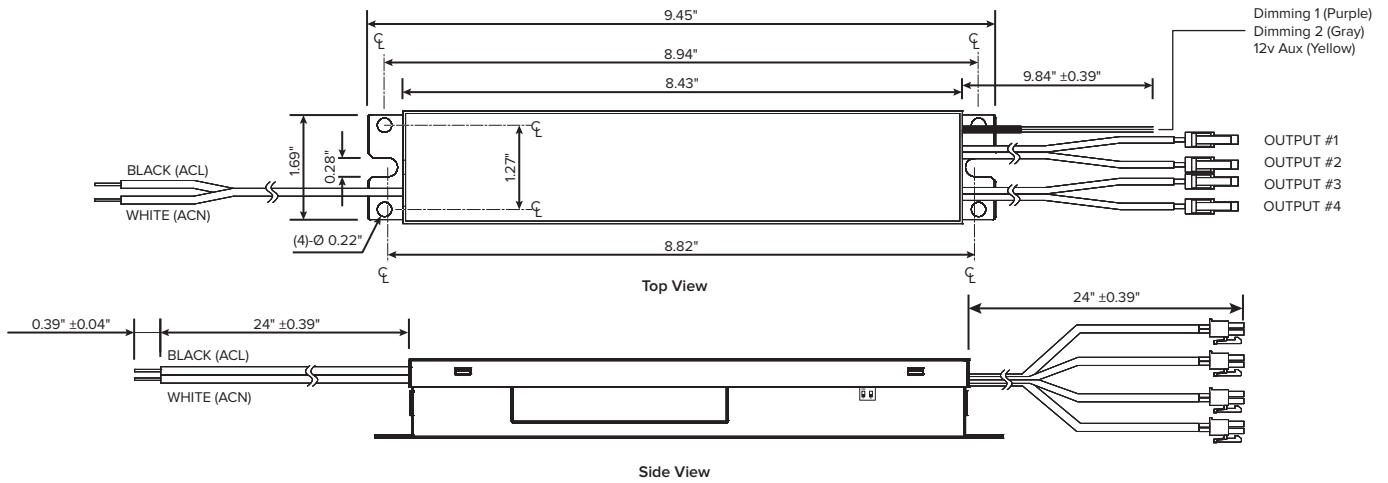
| SAFETY STANDARDS | EMI/EMC |
|------------------------|--------------------------------|
| UL8750 EN61347-2-13 | Comply with FCC Part15 Class A |

Dimensions:

| STANDARD LEAD LENGTHS | WIRE | |
|-----------------------|-------|--------|
| Black | 24" | 18#AWG |
| White | 24" | 18#AWG |
| Outputs 1-4 | 24" | 22#AWG |
| Dimming 1 (Purple) | 9.84" | 24#AWG |
| Dimming 2 (Gray) | 9.84" | 24#AWG |
| 12v Aux (Yellow) | 9.84" | 24#AWG |



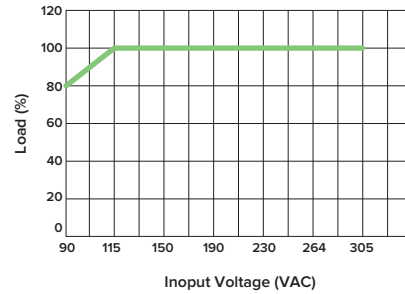
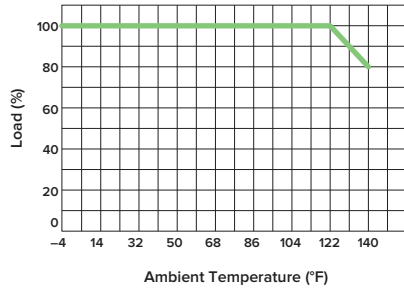
End View



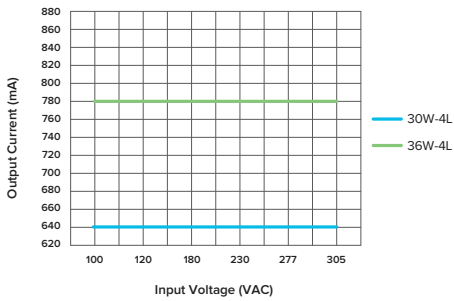
Hot Spot Location:



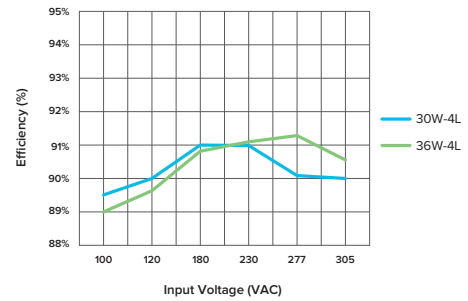
Derating Curve:



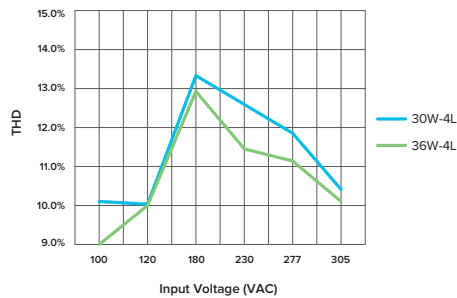
Output Current & Input Voltage:



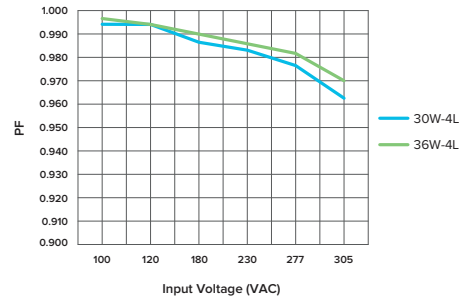
Efficiency & Input Voltage Curve:



THD & Input Voltage Curve:



Power Factor & Input Voltage Curve:



Life Time & Tcase:

