

## Miniature LED Driver for Compact Incandescent (TRIAC) 120VAC Dimming Applications

### Features and Benefits

- The lighting industry’s smallest TRIAC dimming driver
- Small cylindrical shape 34.3mm (1.35”) diameter x 24.9mm (0.98”) is ideal for landscape, pendant and other small luminaires
- Best in class performance can run 1, 2 or 3 LEDs in series
- Class 2, white plastic case
- Dimming to < 5% on 120VAC incandescent dimmers (TRIAC/forward phase or ELV/reverse phase)
- Over-voltage, input voltage, and short circuit protection
- Dry or damp location (IP62)



**PS3-350C-TRIAC-CYL**

### Compatible LED Modules

Nominal DC Output to Module ..... See Table 1

### Ratings and Performance Specifications

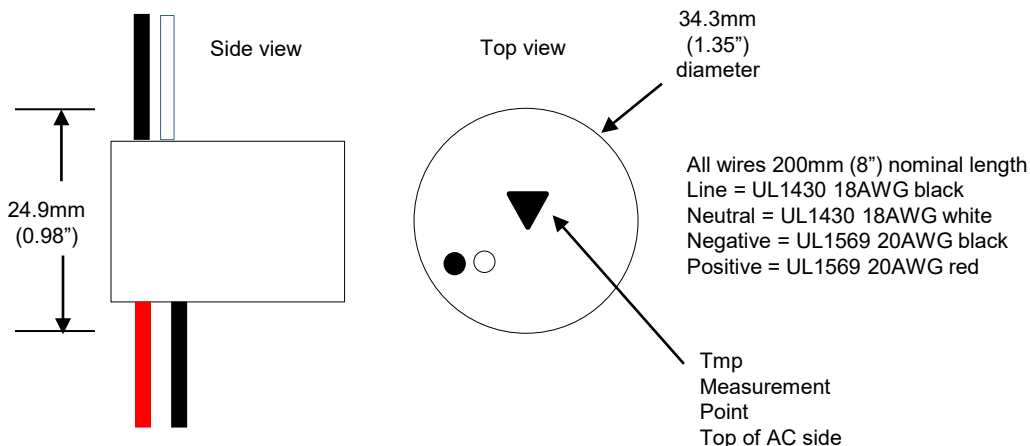
Nominal Input Voltage ..... See Table 1  
 Maximum Driver Case Temperature @ designated Tmp ..... +75°C  
 Maximum Operating Range Ambient Temperature (Ta) ..... -20 to +50°C  
 Nominal Weight ..... 55 grams  
 Safety/Compliance ..... UL E256805

### Application Notes

1. The proper driver case temperature at designated (Tmp) is critical to ensure proper performance and long life. Careful design consideration required for factors such as ambient conditions (for example weather and surrounding atmosphere inside luminaire) and proximity to heat generating components.
2. Abnormal operating conditions such as elevated ambient temperatures can negatively impact output, product lifetime and/or performance.
3. Dims only at 120VAC with incandescent dimmers (triac/forward phase) and 3-wire ELV dimmers (reverse phase) such as Lutron® Diva and Maestro. Complete list of compatible dimmers and application notes available.

## Physical Dimensions

Note: Due to small power and size, driver does not require mechanical attachment.  
 Driver can be attached to fixture with VHB dual sided tape or “plumbers” strap with one screw and/or nut.



**Table 1, Performance Characteristics at 25°C**

Part Number	Maximum Output Power (DCW)	Nominal Input Voltage (VAC)	Dimming with TRIAC/ELV Dimmers	Nominal Output Current (mADC)	Output Voltage Range (VDC)	Efficiency @ Max Load	Power Factor @ 120VAC
PS3-350C-TRIAC-CYL	3.5	120	Yes	350	2.5 - 10	60%	0.95

### Notes

Connect LED to output leads before connecting to AC power  
 Contact [sales@forzlux.com](mailto:sales@forzlux.com) for additional information on dimmers

### Packaging

Product is marked with SKU and lot information.  
 Sold in groups of (1) unit(s) and packaged with SKU and lot information.

### Warranty

5-Year limited warranty in accordance with published warranty conditions. Product must be used with compatible components (modules, drivers, engines and/or accessories) and no maximum ratings (such as Ts) shall be exceeded during any operating conditions of the system. If product is used with other manufacturer’s product, compatibility must be recognized in writing by Forzlux.

Forzlux owns the following United States patents of which may be applicable to the design or manufacture of this product: 6712486, 6578986, 6846093, 7114831, 7306353, 7102172, 7108396, 7329024, 7387406, 7582911, 7649327, 8926145, 8729810. Additional granted patents, patents pending and other IP protection rights may apply.