



## Features & Benefits

- Dimmable to <5% on most dimmers
- Dimmable with either triac (leading edge) or electronic (trailing edge) dimmers
- Small size for broad application versatility
- Constant current design for highest efficacy
- Over-current, over-voltage and short circuit protection
- Includes mounting holes for mechanical attachment and pre-wired leads
- Compact design is easily configured into existing and new luminaires
- Can be used to meet the requirements of CA Title 24, ENERGY STAR® and other green initiatives



## Compatible Brillia LED Modules

Any Permlight constant current module ..... See Brillia LED module specifications

## Ratings and Performance Specifications

Nominal AC Power Consumption @ 120VAC .....	15W
Input Voltage .....	112 - 132VAC
Output Voltage (at maximum dimmer output).....	22 - 35VDC
Output Current .....	350mA ± 15mA
Efficiency.....	>80%
Nominal Power Factor.....	>0.9
Maximum Operating Range Ambient Temperature (Ta) .....	-20 to +50° C
Maximum Driver Case Temperature (@ designated temperature measurement point, TMP).....	+80° C
Maximum Weight .....	96 grams
Safety/Compliance .....	UL E256805

RoHs Compliant

- Designed to meet FCC requirements for consumer use
- Designed to meet Class A sound rating
- Designed to comply with IEEE C.62.41-1991, Class A operation

## Application Notes

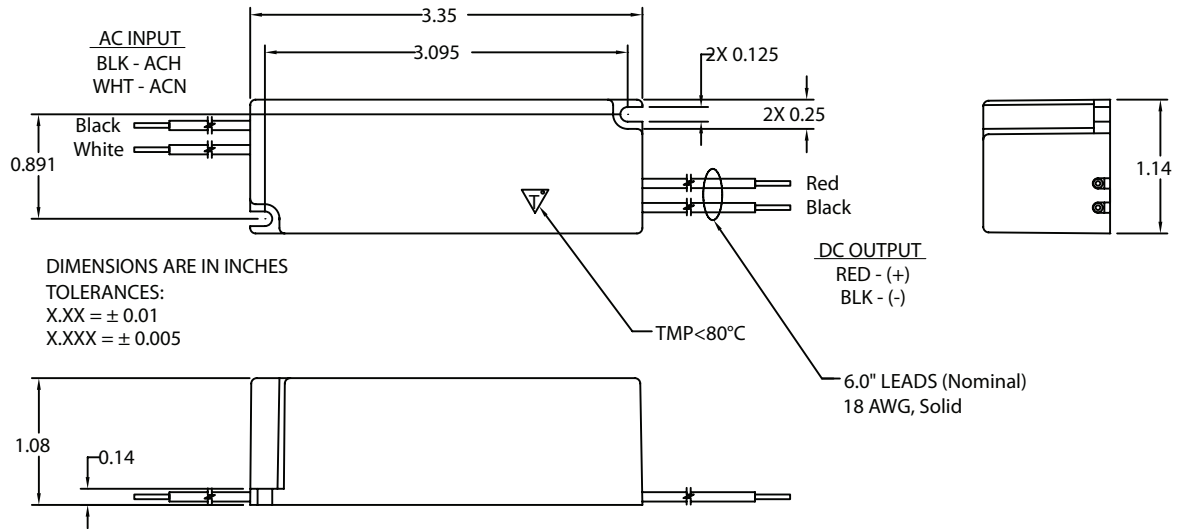
1. The proper LED Driver Case Temperature at the designated temperature measurement point (TMP) is critical to ensure proper performance and long life. Careful design consideration required for factors such as ambient conditions (for example weather and surrounding atmosphere inside exterior luminaires) and proximity to other heat sources such as LED modules and other heat generating LED devices.
2. Abnormal operating conditions such as elevated operating temperatures can be expected to negatively impact product lifetime or product performance.
3. Dimming works with most triac and 3-wire electronic dimmers such as Lutron® Diva and Maestro, see [www.BrilliaLED.com](http://www.BrilliaLED.com) for application notes, wiring diagrams and other compatible dimmers. For technical support or application assistance, please contact Brillia.

PS12-350C-DIM

LED Driver



## Physical Dimensions



Part Number	Nominal Input Voltage (VAC)	Nominal DC Current (mA DC) <sup>[1]</sup>	Efficiency (% at Max Load)	Max Output Power (W)	Nominal Input Voltage Dimmable <sup>[2]</sup>
PS12-350C-DIM	120	350mA	82%	12.6	Yes

<sup>[1]</sup>Other currents (275mA, 300mA, 350mA) available. Consult factory.

<sup>[2]</sup>See [www.BrilliaLED.com](http://www.BrilliaLED.com) for compatible dimmers.

## Options

No additional options available.....for questions, please e-mail [sales@brillialed.com](mailto:sales@brillialed.com)

## Packaging

Drivers are shipped in packaging designed to protect the drivers from damage during transit.

## Warranty

3-Year limited warranty in accordance with Brillia published warranty. Product must be used with compatible Brillia components (modules, drivers, engines and/or accessories) and no maximum ratings (such as TMP) shall be exceeded during any expected operating conditions of the system.