

## High Efficacy Dimmable Constant Current Driver for High Illuminance Applications



### Features & Benefits

- Constant current design for highest efficacy
- 0-10 VDC Dimming
- Over-current, over-voltage and short circuit protection
- Includes mounting holes for mechanical attachment and pre-wired leads
- Can be used to meet the requirements of CA Title 24, ENERGY STAR® and other green initiatives
- High PF (>.95) and Low THD (<10%)



### Compatible Brillia LED Modules

Any Permlight 350 mA constant current module..... See Brillia LED module specifications

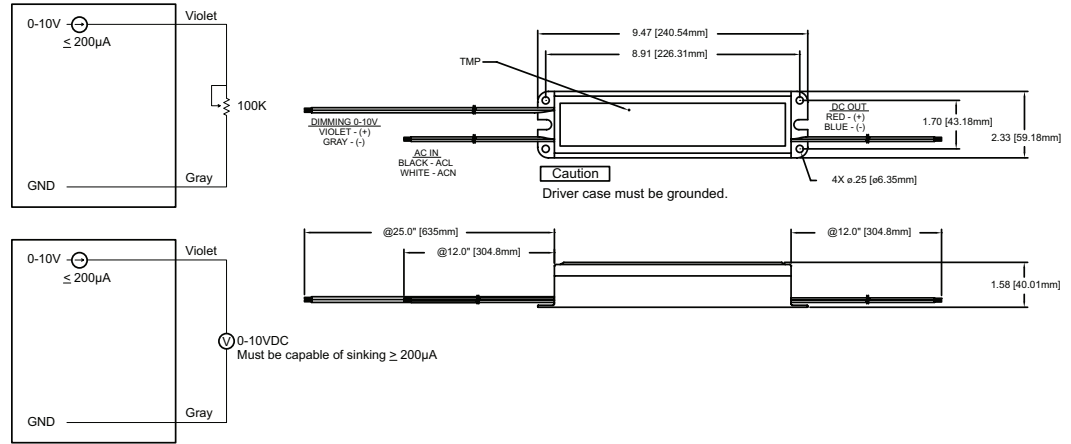
### Ratings and Performance Specifications

Power Consumption @ 120VAC and full load.....	165W
Input Voltage .....	108-305VAC
Max Output Voltage.....	430VDC ± 0.5V
Output Current .....	30 to 350mA
Efficiency @ full load .....	>90%
Total Power Factor.....	>0.95
Harmonic Distortion, THD (full load).....	<10%
Maximum Operating Range Ambient Temperature (Ta) See Note 2 .....	-20 to +50 °C
Maximum Driver Case Temperature (@ designated temperature measurement point, TMP).....	+75 °C
Maximum Weight .....	1.5 pounds
Safety/Compliance .....	UL E 256805
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

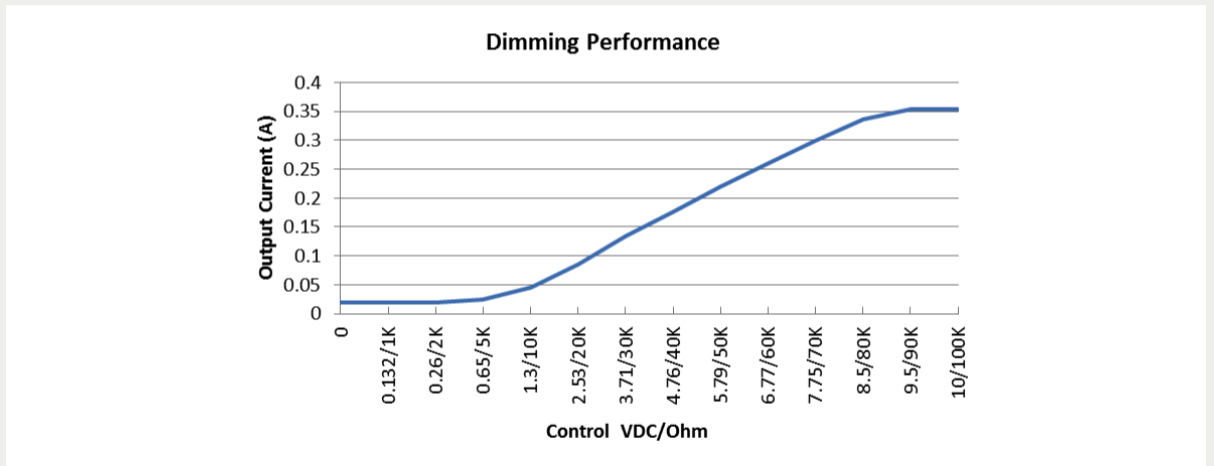
1. The proper LED Driver Case Temperature at the designated temperature measurement point (TMP) is critical to ensure proper performance and long life. Careful design consideration required for factors such as ambient conditions (for example weather and surrounding atmosphere inside exterior luminaries) and proximity to other heat sources such as LED modules and other heat generating LED devices.
2. Derate 2.5 percent for each degree from 50 °C to 60 °C.

## Physical Dimensions



Part Number	Nominal Input Voltage (VAC)	Nominal DC Current (mA DC)	Efficiency (% at Max Load)	Max Output Power (W)
PS150-350C-DIM-120277	120 to 277	350mA	> 90%	150

<sup>[1]</sup>See [www.BrilliaLED.com](http://www.BrilliaLED.com) for compatible dimmers.



## Options

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

## Packaging

Drivers are labeled with SKU and lot traceability information and 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