

Features & Benefits

- Constant voltage design allows driver to be combined with multiple Brillia LED modules
- IP66 rated case design provides protection for driver circuitry
- Over-current, over-voltage and short circuit protection
- Includes mounting holes for mechanical attachment and pre-wired leads
- Compact lightweight 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



Required Brillia LED Modules

Any Brillia constant voltage See Brillia LED module specifications

Ratings and Performance Specifications

Nominal DC Power Output @ 120VAC.....	40W
Nominal Input Voltage	100-277VAC
Nominal Output Voltage	12VDC
Nominal Power Factor.....	0.92
Nominal Efficiency.....	82%
Maximum Operating Range Ambient Temperature (Ta)	-30 to +60° C
Maximum Weight	400 grams

Safety/Compliance

- UL Class 2 Recognized Component E213411
- RoHs Compliant
- Output operating frequency ≥ 120Hz
- Meets FCC requirements for consumer use
- Class A sound rating
- Complies with IEEE C.62.41-1991, Class A operation
- IP66 rated case design
- Dry and Damp Location Listed

Application Notes

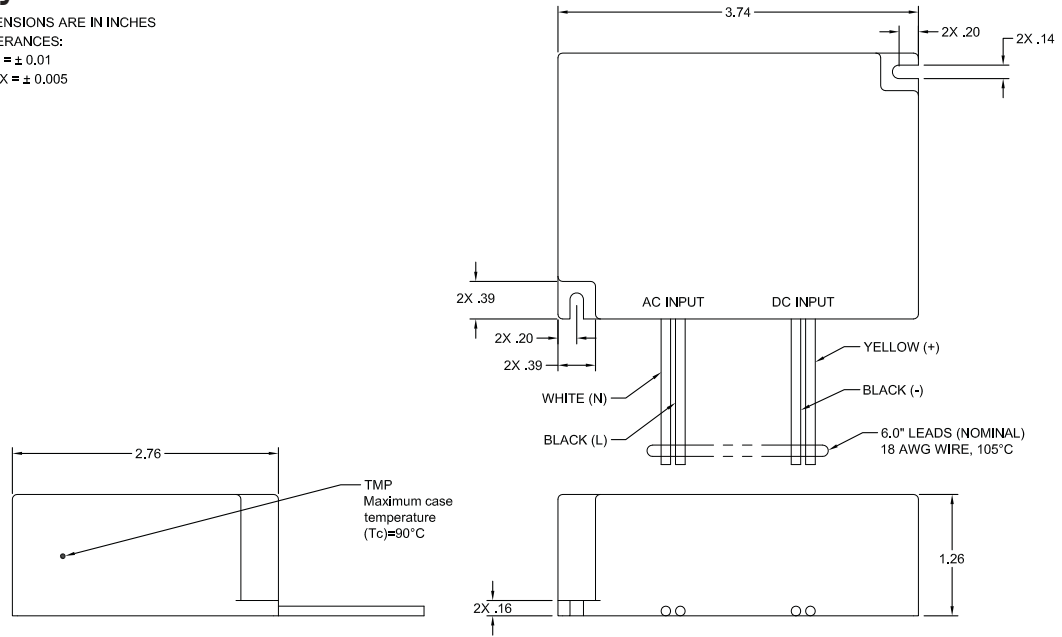
1 The proper LED Driver Case Temperature at the designated temperature measurement point (TMP) is critical to ensure proper performance and long life. Careful design consideration required for factors such as ambient conditions (for example weather and surrounding atmosphere inside exterior luminaires) and proximity to other heat sources such as LED modules and other heat generating LED devices.

2. Abnormal operating conditions such as high humidity or elevated operating temperatures can be expected to negatively impact lumen output, product lifetime, or product performance.



Physical Dimensions

DIMENSIONS ARE IN INCHES
 TOLERANCES:
 X.XX = ± 0.01
 X.XXX = ± 0.005



Part Number	Nominal Input Voltage (VAC)	Nominal Output Voltage (VDC) ^[1]	Sample Values Efficiency (% at Max Load)	Max Output Power Per Channel (W) ^[1]	Output Channels	Nominal Input Voltage Dimmable
40-12DC-A-100277	100-277	12VDC	85%	40W	1	No

^[1]Tolerance of +/- 5%.

Options

No additional options available.....for questions, please email 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 during any expected operating conditions of the system.

Additional Information