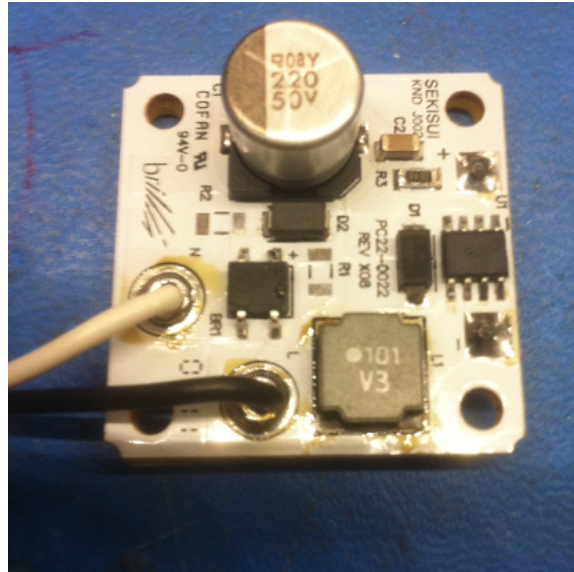




Nano Driver

Features & Benefits

- Small size for application versatility in designer housings
- Low voltage AC or DC for track or landscape applications
- Constant current design for highest efficacy
- Over-current 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

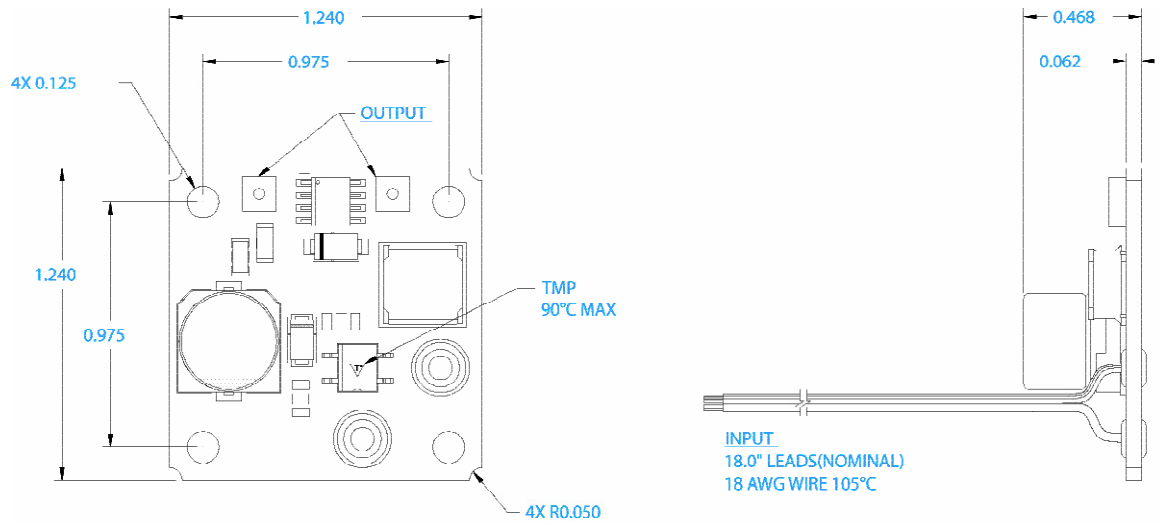
| | |
|--|------------------------|
| Maximum Output Power | 10.5W |
| Input Voltage (3)..... | 8-24VAC or 8-34VDC |
| Output Voltage..... | 2.8 to 30VDC |
| Output Current | 350mA ± 30mA |
| Efficiency..... | >75% |
| Maximum Operating Range Ambient Temperature (Ta) | -0 to +50 °C |
| Maximum Diode Temperature (1)..... | 90 °C |
| Maximum Weight | 0.5 oz. |
| Safety/Compliance | |
| ETL Approved..... | Control Number 4003001 |
| Conforms to UL Standard 8750 | |
| Certified to CAN/CSA Standard C22.2 No. 223-M91 | |
| 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 Diode 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.
3. Input voltage must be 2.5V higher than output voltage for proper regulation to occur.



Physical Dimensions



| Part Number | Nominal Input Voltage | Nominal DC Current (mA DC) | Efficiency | Max Output Power (W) |
|---------------|--------------------------|----------------------------|------------|----------------------|
| PS10-350C-824 | 8 to 24VAC 8 to 34VDC | 350mA ± 30mA | >75% | 10.5 |

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.

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