

# Filament-LED A19 12V/24V North America

## 2W/4W

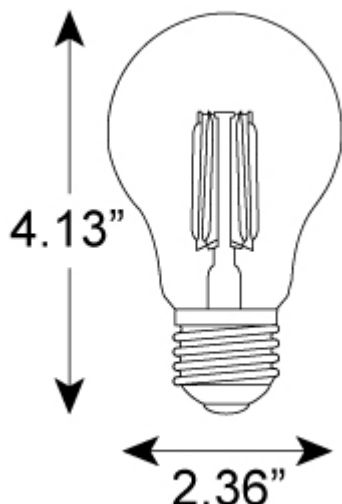
### Features

- Extremely energy saving with low power consumption
- Ideal retrofit of traditional incandescent light source in traffic signals, EM lighting and outdoor lighting with 25 times longer life
- Extra low voltage (ELV) safe against electric shock, especially in damp locations
- Overall light distribution
- Good color rendition, Ra ≥80



### Diagrams

Dimensions:



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Standards



Applications



| Technical Data                       |                        |
|--------------------------------------|------------------------|
| Electrical                           |                        |
| Rated Wattage [W]                    | 2W / 4W                |
| Rated Voltage [V/Hz]                 | 12V/24V AC/DC, 50/60Hz |
| Power Factor                         | 1                      |
| Input Current [mA] @12V/24V          | 167                    |
| Model                                |                        |
| LED NA A19 FIL-2W-G CL               | 2W (12V)               |
| LED NA A19 FIL-4W-G CL               | 4W (24V)               |
| Luminous Flux [lm]                   |                        |
| 2W                                   | 200lm @2700K           |
| 4W                                   | 400lm @2700K           |
| Performance                          |                        |
| SDCM                                 | <6                     |
| Estimated Yearly Energy Cost [\$USD] | 0.24 / 0.48            |
| Luminous Efficacy [lm/W]             | 100                    |
| Color Rendering Index [Ra]           | ≥80                    |
| Color Maintenance [hr]               | >6000                  |
| Luminous Intensity Distribution [°]  | 360                    |
| Life [Yrs] (based on 3hrs/day)       | 23                     |
| Lumen Maintenance at 6000hrs         | >0.8                   |
| Rapid Cycle Stress                   | >15,000 cycles         |
| Start Time [sec]                     | <0.5                   |
| LED Failure                          | <5%                    |
| Mechanical                           |                        |
| Diameter D [in]                      | Φ2.36                  |
| Height H [in]                        | 4.13                   |
| Base                                 | E26                    |
| Material                             | Glass                  |

|                       |  |                                           |
|-----------------------|--|-------------------------------------------|
| Standard Compliance   |  |                                           |
| ANSI                  |  | UL8750, UL1993, C82.77-2002, C78.377-2008 |
| FCC                   |  | FCC CFR Part 15, FCC CFR Part 18          |
| Mercury Content [mg]  |  | 0.0                                       |
| Other                 |  |                                           |
| Dimmable [Y/N]        |  | N                                         |
| Operation Temperature |  | -20°C ~ 50°C                              |
| Storage Temperature   |  | -10°C ~ 30°C                              |