



Technical Data Sheet

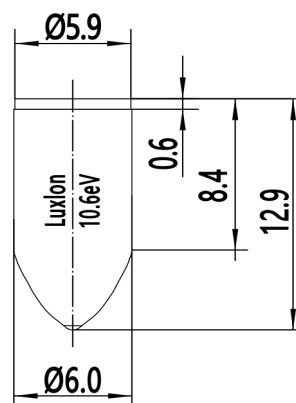
Lamp type: RF PID Lamp
Lamp model: Luxlon-106
Lamp part number: 6070003

Electrical data:

- Excitation mode: RF
- Operating current: 26mA (DC 5V)
- Ignition voltage: 1000V/100KHz
- Power input: < 0.3 W
- Ignition time: 10ms

Dimensions:

- Overall bulb length: $12.9 \pm 0.1\text{mm}$
- Bulb diameter: $6.0 \pm 0.1\text{mm}$
- Window diameter: $5.9 \pm 0.1\text{mm}$
- Window material: MgF_2

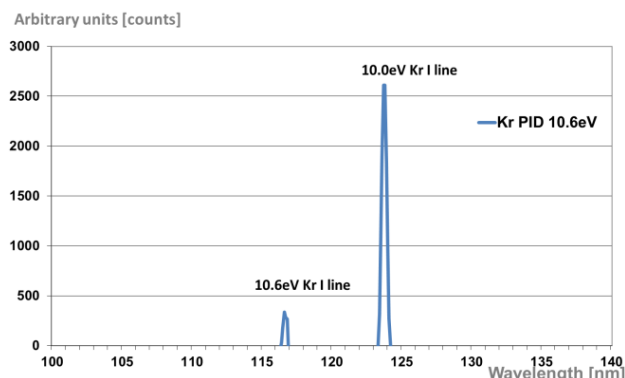


Operating conditions:

- Cooling: no cooling required
- Operating position: any
- Bulb temperature: < 200°C

Radiation data:

- Photon energy: 10.6 eV
- Emission wavelength: 117 nm / 124 nm
- Gas fill: Krypton



Lifetime:

- Typical lifetime*: 7,000 h
- Test conditions: 1000V/100KHz power supply, 24/7 uninterrupted operation, continuous lighting over 7000h

* The data regarding lifetime have been obtained under continuous laboratory operation on a large number of lamps. The typical lifetime set forth above means that radiant power has decreased on average $\leq 20\%$ after this lifetime. The actual lifetime of an individual lamp may vary significantly from this value.

Disclaimer:

This data sheet is subject to change without notice. Please always make sure to use the latest version. Errors and omissions excepted.

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