



## Technical Data Sheet

Lamp type: DC PID Lamp  
 Lamp version: PKS106  
 Lamp part number: 80017644

### Electrical data:

- Excitation mode: DC
- Operating current: < 2 mA
- Ignition voltage: 1500 V
- Power input: < 0.6 W
- Ignition time: < 2 s

### Dimensions:

- Overall bulb length: 53.5 ± 1.1 mm
- Bulb diameter: 19.6 ± 0.1 mm
- Window diameter: 10.25 ± 0.25 mm
- Window material: MgF<sub>2</sub>

### Operating conditions:

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

### Radiation data:

- Photon energy: 10.6 eV (10.0 eV)
- Emission wavelength: 117 nm (124 nm)
- Gas fill: Krypton

### Lifetime:

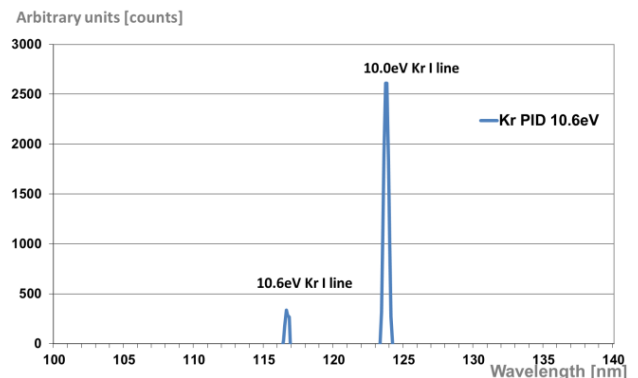
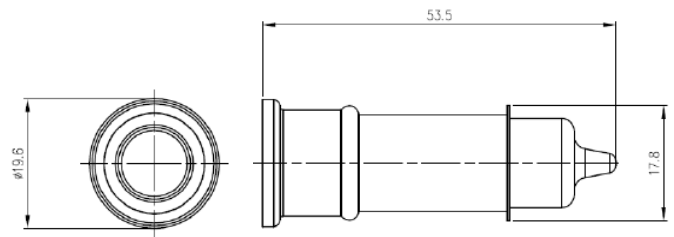
- Typical lifetime\*: 4000 h
- Test conditions: 0.5 mA, 1 ignition per day

\* The data regarding lifetime have been obtained under continuous laboratory operation on a large numbers of lamps. The typical lifetime set forth above means that radiant power has decreased on average ≤70% 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.

drawing not to scale



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