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: MgF₂

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.