

PCL Lamps: Halogen Lamp with Flange base for High Precision Optical Instruments

PCL lamps are quartz tungsten halogen lamps designed for high precision optics. They feature high precision filament positioning, critical in medical and analytical instruments.

Key Features

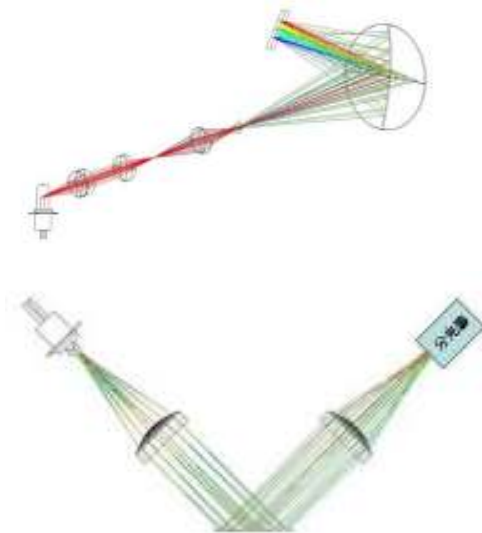
Socket-less – The PCL lamp comes with a flange base and does not require sockets. That means no socket degradation by heat and contact failures

Easy Replacement – The PCL lamp's very high accuracy filament positioning eliminates optical axis misalignment

High Stability performance is ensured due to special connector attachment process for the lamp and the lead wire

Custom designs also available!

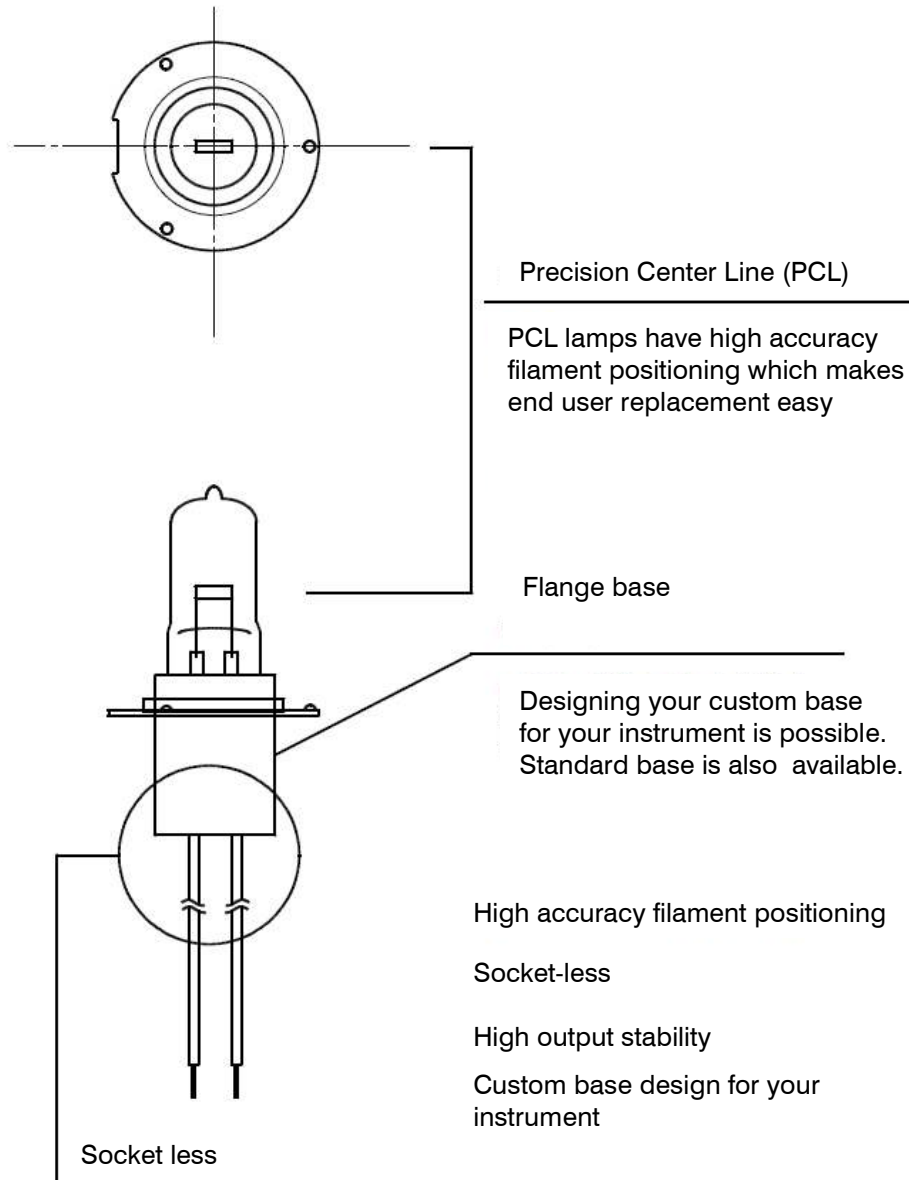
Principal Applications: Automated Clinical Analyzer, Spectral photometer, HPCL



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- Custom PCL lamp designs are also available
- User specified lamp and LCL (Light Center Length) options
- Select any shape and size of flange base
- With or without crimped lead wire terminals



Lead wires are directly connected to the lamp pins. The lamp is 'socket less' so there is no socket wear from replacement.



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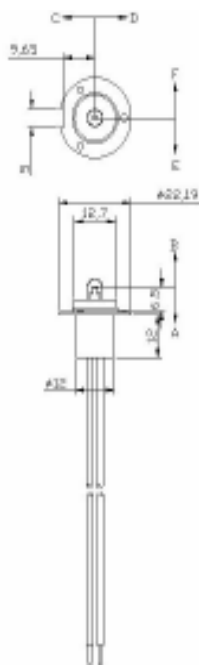


Fig 1

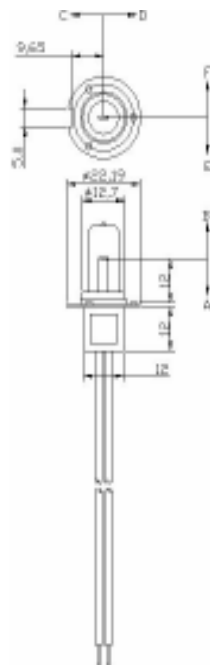


Fig 2



Fig 3

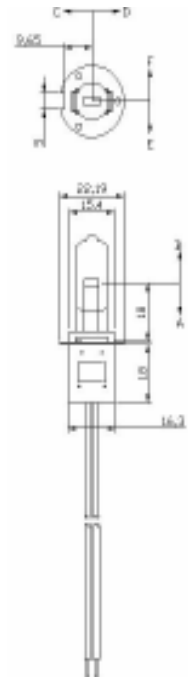


Fig 4

Item No.	Volt (V)	Watt (W)	Filament Size (mm × mm)	Luminous Flux (Lm)	Average Life (h)	Burning Position	Fig. No.
PCL1294	5	5	1.473X0.584	61.5	1200	S90	1
PCL912	6	20	2.0X2.0	300	1000	S90	2
PCL917	12	20	3.5X0.85	300	2000	S90	2
PCL258	12	20	3.5X0.8	350	2000	S90	2
PCL926	12	50	4.9X1.7	900	2000	S90	3
PCL928	12	50	3.5X2.4	1000	2000	S90	3
PCL602	12	50	3.0X3.0	1000	1100	S90	3
PCL935	12	100	4.9X3.1	2550	2000	S90	3
PCL623	12	100	4.7X2.7	2800	2000	S90	3
PCL139	24	20	3.5X1.1	300	1000	S90	2
PCL244	24	50	5.1X1.8	850	2000	S90	3
PCL952	24	250	7.3X3.8	8400	300	S90	4

Customized lamps are also available. Please contact us for details.



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