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TECHNOLOGY GROUP

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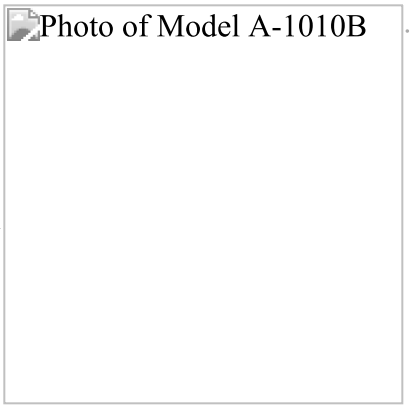
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Photon Technology International

OEM INQUIRIES WELCOME

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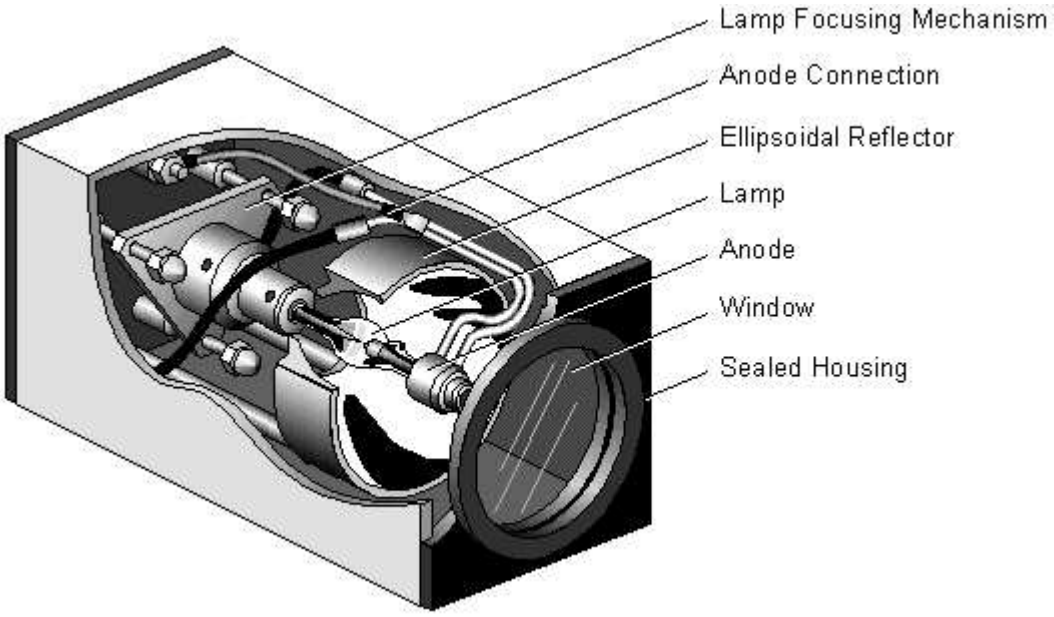
Model A-1010B Lamp Housings



The A-1010B's sealed housing requires no ozone venting, and 75 watt arc lamps require no water cooling. The integrated arc lamp igniter is completely RF emission free. And the compact design occupies very little bench space.

Thanks to its proprietary thermally-matched optics, the A-1010B boasts the lowest price per watt of optical power output available. Since a 75 or 150 watt lamp delivers roughly the equivalent optical output of a 450 watt lamp, lamp replacement cost is cut in half.

See the General Information page for more details on this product.



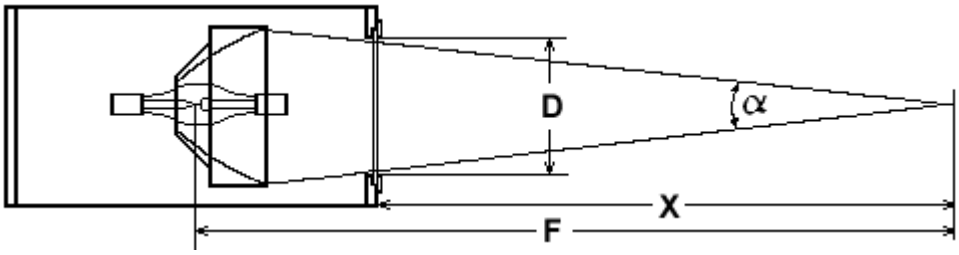
Specifications

Lamp power capacity: 75 to 200 watts
Height: 100 mm (3.9 inches)
Width: 100 mm (3.9 inches)
Length: 210 mm (8.3 inches)
Weight: 1.9 kg (4.2 pounds)
Window diameter (D): 65 mm

	f/4.5 reflector	f/2.5 reflector	f/1 reflector

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Technical information on lamps
Lamp spectral emission curves

Related Product Shortcuts

Model A-6000 lamp housing for lamps up to 1,000 watts
Model A-500 vertical lamp housing for lamps up to 200 watts

Ordering Options, Lamps and Accessories

PTI Part #	**Lamp Housings**
033-0008-A	Model A-1010B Arc Lamp Housing with f/4.5 ellipsoidal reflector for use with LPS-221B Integrated Igniter (does not include lamp, lamp adapter or window)
033-0009-A	Model A-1010B Arc Lamp Housing with f/2.5 ellipsoidal reflector for use with LPS-221B Integrated Igniter (does not include lamp, lamp adapter or window)
033-0010-A	Model A-1010B Arc Lamp Housing with f/1 ellipsoidal reflector for use with LPS-221B Integrated Igniter (does not include lamp, lamp adapter or window)
PTI Part #	**Lamp Housing Windows**
410-0012	Pyrex Window, for use above 350 nm
410-0011	Quartz Window, for use above 250 nm
410-0022	Suprasil Window, for use above 180 nm
PTI Part #	**Lamps**
530-0042	50 Watt Tungsten Halogen Lamp, Axial Filament (requires 033-7006-A lamp adapter)
530-0043	75 Watt Tungsten Halogen Lamp, Axial Filament (requires 033-7006-A lamp adapter)
530-0044	90 Watt Tungsten Halogen Lamp, Axial Filament (requires 033-7006-A lamp adapter)

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530-0013	100 Watt Mercury Lamp (requires 032-0007 lamp adapter)
530-0014	150 Watt Xenon Lamp (requires 032-0008 lamp adapter)
530-0024	200 Watt Mercury-Xenon Lamp (requires 032-0008 lamp adapter)
PTI Part #	**Lamp Adapters**
033-7006-A	50, 75, 90 Watt Tungsten Halogen (Axial Filament Only) Adapter Set
032-0007	75 Watt Xenon and 100 Watt Mercury Lamp Adapter Set
030-0029	100 Watt Tungsten-Halogen Lamp Adapter Set
032-0008	150 Watt Xenon Lamp Adapter Set
PTI Part #	**Power Supplies**
043-0001-A	LPS-220B for use with LPS-221B Integrated Igniter
043-2001-A	LPS-250B for use with LPS-221B Integrated Igniter
043-0002-A	LPS-221B Integrated Igniter for use with Model A-1010B Lamp Housing Only
PTI Part #	**Accessories**
030-0037	f/1 Ellipsoidal Reflector
030-0030	f/2.5 Ellipsoidal Reflector
030-0005	f/4.5 Ellipsoidal Reflector
030-0046	Adapter Spacer for Model A-1010B with f/1 reflector
033-1004	Adapter Spacer for Model A-1010B with f/2.5 reflector
033-1001	Adapter Spacer for Model A-1010B with f/4.5 reflector
590-	Infra red water filter

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