

7ILX150P/7ILX500P Xenon Lamp & Power Supply For Photocatalysis

Using the UV enhanced xenon lamp bulb imported from German, optimizes optical system, electronic circuit and power supply system based on the traditional research of xenon lamp, and makes the output light power with an optimum density and higher stability. Photocatalytic xenon lamp has an improved heat excellent dissipation structure with convenient extensible photocatalytic accessories. So the product can meet the demand of light source used for photocatalysis. The main applications include: solution of hydrogen, photochemical synthesis, photocatalytic degradation of pollutants, biological illumination, optics test, solar light simulated etc..

Technical Features

1. UV enhanced xenon lamp with high ultraviolet radiation imported from Germany is preferred.
2. The optical path is toward down, convenient use of photocatalytic.
3. The light exit is equipped with an adjustable diaphragm to adjust size of beam spot. The adjusting range is $\phi 2-42\text{mm}$.
4. The filter with diameter $\phi 50\text{mm}$ can be installed in it. (for example: AM1.5G)

Main parameters

Model	7ILX150P	7ILX500P
Spectral Range	0.2—2.5um (UVE)	0.2—2.5um
Bulb Luminous Flux	2900lm	14500lm
Bulb Luminous Intensity	290cd	1450cd
Bulb Luminance	20000cd/cm ²	40000cd/cm ²
Bulb Life	3000h	2000h
Arc size of bulb	0.5x1.6	0.9x2.5
Color Temperature	6000K	
Color index	Ra=94	
Power Supply Model	7IPX150P	7IPX500P
Supply	AC220V±10%/50Hz	
Rated Power	150W	500W
Output Voltage	20V	17V
Output Current	6.5-7.5A	22-30A
Current Drift	±0.1%/h	
Cooling	Fan	