

LIGHT SOURCE FOR 250 – 500 W Xe, Hg, Halogen, Cesiwid

SVX 1450+LAX 1450+Options



Power supply

- High performance, compact
- Current regulation with switched mode technology
- Very good stability
- Possibility of light regulation

Lamp housing

- Built-in igniter
- Stable construction by aluminium sections
- optional ozone remover
- Lamps precisely adjustable during operation
- Optional rear reflector

Specification

Lamp housing LAX 1450

| | |
|----------------------------|---|
| Maxi. Power: | 600 W |
| Maxi. Lamp length: | 260 mm |
| Lamps and adapter: | Group 3 + 7+ 9+ 10+ 11 |
| Lamp adjustment: | on 2 planes with micrometer screws |
| Rear reflector adjustment: | on 3 planes with micrometer screws |
| Depth of focus: | 150 mm - ∞ |
| Minimum optic axis height: | 165 mm |
| Built-in igniter: | 25 kV HF |
| Cooling: | by fan exhaust LAX 1450-22 or ozone remover LAX 1450-20 |
| Dimensions: | 170 W x 200 D x 370 H mm ³ |
| Weight: | 6.8 kg |

Power supply SVX 1450 (Current regulation)

| | |
|--|--|
| Supply: | 220 V + 10%, 50 Hz, 720 VA |
| Output power: | 500 W |
| Maxi. current: | 10-30 A |
| Voltage: | 12-25 V |
| Without load: | 120V |
| Regulation accuracy: (Current regulation) | 0,5% |
| Stability after warm up: | 0,2% |
| Regulation accuracy for ±1 0% mains voltage swing: | 0,2% |
| Setting potentiometer: | 10 turns |
| Digital readout: | 3.5 digit, current |
| Switches: | Illuminated mains switch, illuminated starter indicating ready for ignition of the Xe and Hg lamps |
| Dimensions: | 200 W x 170 D x 370 H mm ³ |
| Weight: | 9 kg |

Also possible to use with power supplies:

PEM 500
SVX 1530
SH 2, SH 2/3, SH 2/5

powers lamps in groups 3+9 in lamphouses:

LAX 1450
LAX 1000 (with adapter cable) S 6/2 x 11
ELL 1000 V/H (with adapter cable) S 6/2 x 11

A minimum working system requires:

SVX 1450 + LAX 1450 + LAX 1450-22 + Condenser + Lamp + Adapter

- Options:

LAX 1450

RS Spherical rear mirror
S2 Second light output
LAX 1450-10 Condenser with aspheric lens
LAX 1450-11 Condenser with 2 lenses (Spectrosil B)
LAX 1450-12 Condenser with 2 achromatic lenses
LAX 1450~20 Ozone remover
LAX 1450-22 Fan
LAX 1450-4 Base plate (variable height)

SVX 1450

AS Autostart facility for arc lamps
LIX Light regulator
VIXIM 450 Modulator
MSP 05 Pulsing unit
MZ 2 Ignition unit necessary for igniting arc lamps in lamphouses from other suppliers