



Xenon Gladiator II® (47050)

One notch below the Gladiator III® yet more powerful than Super Troupers or other follow spots in its class, the Gladiator III® is made for large auditoriums and arenas.

Lamp House

The Gladiator II Xenon lamp house has been designed for maximum efficiency and performance utilizing an exclusive deep ellipsoidal "cold" metal reflector. This cold-coated dichroic reflector absorbs 80 percent of invisible infrared light. Less infrared light means less heat build-up and less heat projection. A 2.5 Kw Xenon bulb (included in the fixture) provides instant projection and low power consumption.

Lens System

The strong Xenon Gladiator II, like all Strong spotlights, is equipped with our exclusive Variable Focal Length Lens System. This system utilizes a unique optical design that gathers light from the reflector and intensifies the beam of light as the unit is changed from flood to spot.

Power Supply

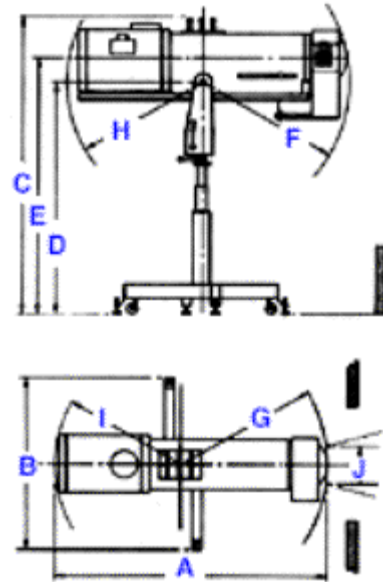
A variable output power supply is furnished with a potentiometer for fine current output adjustment. A 208/230 volt, 1 or 3 phase, 50/60 H, AC source is required. An AC/DC control cable, 13 feet long, is furnished with connectors for quick, easy disconnect.

Light Data: Variable Lens System Performance @ Various Distances

Throw Feet	Maximum Flood		Small Spot		Minimum Diameter With Closed Iris		Spot With Candles
	In	Diameter In Feet	Foot Candles	Diameter	Foot Candles	Diameter	
100		16.6	196.9	5.7	1560	12.5	1560
200		33.3	49.2	11.4	390	25	390
280		46.6	25	15.9	199	35	199
360		60.0	15	20.5	120	45	120
400		66.6	12.3	22.8	97	50	97
440		73.3	10.1	25.1	80	55	80
520		86.6	7.2	29.6	58	65	58
560		93.3	6.2	31.9	50	70	50
600		100.0	5.4	34.2	43	75	43

Specifications: Letter - Description - Dimensions

- A. Overall length of unit ... 77.5"
- B. Overall width of unit at base ... 45"
- C. * Overall height of unit ... 69"
- D. * Height of pivot point ... 43"
- E. * Height of beam axis when horizontal ... 47"
- F. Front clearance radius for vert movement ... 44"
- G. Front clearance radius for hor. movement... 36"
- H. Rear clearance radius for vert movement ... 36"
- I. Rear clearance radius for hor movement ... 37"
- J. Max height at rear with max downward tilt... 83"
- K. Max height at front with max upward title ... 81"
- L. Diameter of beam at unit ... 11"
- M. Max diameter of beam with 200' throw ... 34'
- N. Min diameter of beam with 200' throw ... 25"



* Measurements shown with spot at lowest height.
Spotlight base provides variable adjustment upward of 8 inches

Maximum downward tilt ... 45°

Maximum upward tilt ... 25°

Horizontal sweep ... 360°

Net weight ... 671lbs.

Gross weight ... 720lbs.

Spotlight domestic pack ... 89"x43"x26"

Power Supply, domestic pack ... 22"x20"x7.25"

Mechanical

- "Cold Metal Reflector (can be matched for exact color temperature)
- Six Color Boomerang with Color Filters
- Ultra-Violet Filter
- Horizontal Masking Control
- Nichrome Steel Iris
- Spot Focus Adjusting Control
- Manual Dimming control
- Controls for adjusting Height, Vertical/Horizontal movement

Electrical

- 2500 watt Xenon Bulb System; Input Line 208/230 V. AC, 50/60 Hz, 1 or 3 phase. Approximate Line Draw 25 Amp. Nominal Sustaining Fuse for 30 Amp at 220 V.
- Estimated bulb life: 250 hrs.
- Pivot-bulb design permits re-lamping in seconds and focusing of the bulb
- Bulb Operation Elapsed Time Meter
- Ammeter on Lamphouse
- Uninterrupted Operation
- Color temperature 5600° Kelvin + 200.