

**CAT #SATELLITE-1**  
**SATELLITE I FOLLOW SPOT**

**Specifications:**

The luminaire shall be a 575-watt follow spot designed to accept only the 575W HMI HID lamp. Lamp and reflector shall be in a fixed relationship, and positioned to insure peak performance and proper alignment in the optical train. The optical system shall consist of a lamp-reflector assembly with a specular elliptical Alzak processed aluminum reflector and 575W HMI lamp, an adjustable Ni-Chrome aperture, a pair of adjustable framing shutters, an adjustable 4.5" diameter rear lens, a multi-leaf dimming iris, all mounted in a cast aluminum and sheet steel housing.

Relamping shall be accomplished without the use of tools by opening the rear access door of the housing, disconnecting the lamp leads, loosening the two thumb screws, and sliding the lamp-reflector assembly out of the housing.

The luminaire shall be supplied with an on/off switch, rear operated iris, shutter and dimmer controls, an eight lever, 6 color self-canceling color boom, a multi-leaf dimmer, and a quiet fan-operated forced air cooling system. The trouping stand shall be provided with three locking casters, leveling jacks and positive lock pan, tilt, and height controls. Ballast shall be a remote regulated power supply for 120 VAC 6 amps with 3 position switches for line voltage adjustments supplied with a parallel blade u-ground plug for connection to power. Interconnection between power supply and lamp housing shall be with a removable five conductor type S cord with GTL connectors.

Finish shall be Epoxy Sandtex black, electrostatic application.

The light output of the luminaire shall be a maximum of 2.4 million beam candlepower in spot. At 100 feet the zoom lens system will provide a variable diameter of 12.8 feet to 35.3 feet and a center intensity of 240 footcandles to 53 footcandles will be provided with the iris fully open.