



Fixture Type:

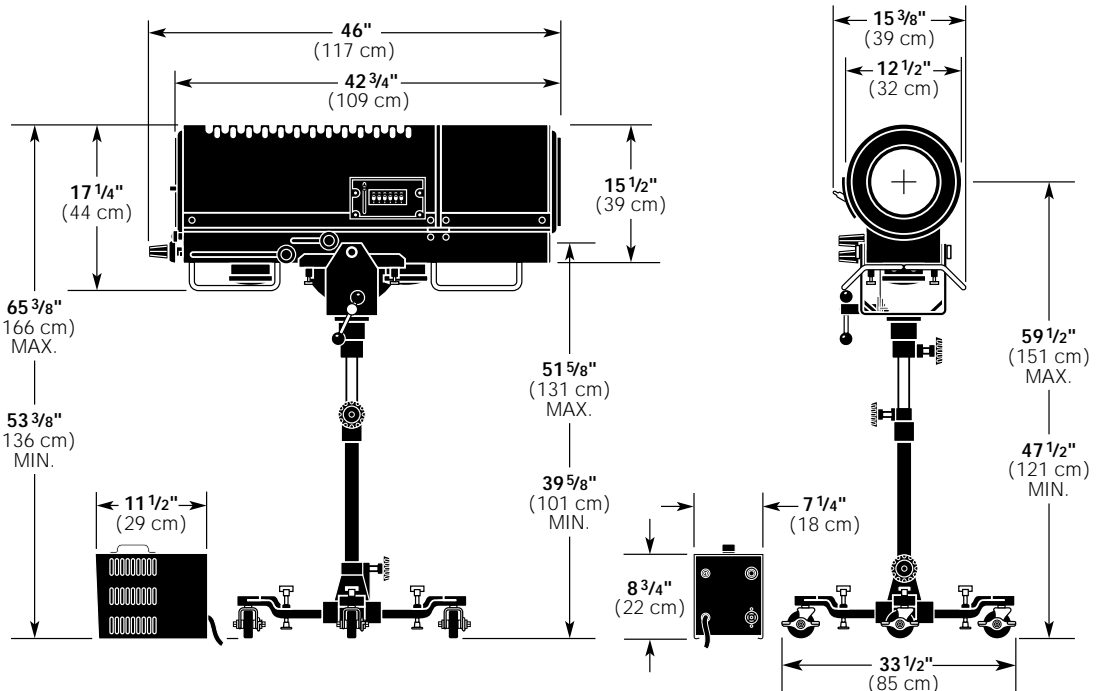
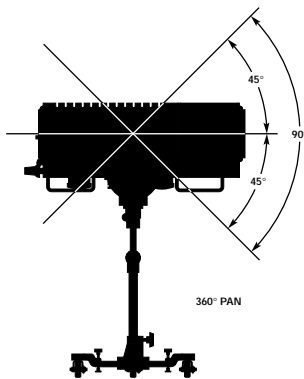
A ruggedly constructed medium throw follow spot, the SATELLITE-1 produces a hard or soft edged beam which zooms from a 9.6' to 26.5' diameter circle at a distance of 75' with the iris fully open. The beam may be further attenuated by using the integral iris for spot size adjustment and the integral framing shutters for top and bottom edge framing. The Satellite-1 is designed for use with the 575 watt HMI lamp. The luminaire is used in any application where manual control of a lighting beam is required to follow a performer and to vary beam size, quality and color.

Specifications subject to change without notice

575 WATT Metal Halide  
**SATELLITE-1**  
Follow Spot  
Features

- Rugged die-cast and extruded aluminum construction
- Integral iris, framing shutters, and dimmer
- Six color self-canceling boomerang with douser
- Dual adjustable lenses provided 7°–20° zoom range
- Positive locking pan and tilt adjustment
- Adjustable locking castered trouping stand with leveling jacks, easily assembled
- Easy relamping
- High output/low power consumption
- Ballast provided with multiple power settings for line voltage variations
- Detachable 12.5' interconnect cable
- Made in the USA

PAN AND TILT ANGLES:



**Specifications**

**Housing:** Sheet steel, sheet aluminum, and die-cast aluminum construction.

**Materials:** Construction employs all corrosion-resistant materials and hardware.

**Yoke:** 1/8" flat steel with heavy duty locking dog tilt handle.

**Reflector:** Anodized aluminum, ellipsoidal design.

**Lenses:** All lenses are high purity crown glass (white plate). Front lens: 10x20 plano convex.

Rear lens: 4.5x9 plano convex.

**Power Switch:** 120 VAC, 20 amp toggle switch.

**Ignition Switch:** 120 VAC, 15 amp momentary push-button switch.

**Safety Switch:** Automatic safety switch disconnects power if access door is opened.

**Ignitor:** Asymmetrical ignitor, 30 kV ignition pulse.

**Cooling:** Forced air cooling via three fans, all exposed fans provided with finger guards.

**Interconnect Cable:** Detachable 12.5' 14/5 SOW provided with NEMA L21-20 locking blade connectors.

**Shutters:** 2 leaf, 18 gauge stainless steel, rear operated.

**Access Door:** Hinged, allows access to lamp and reflector for replacement.

**Lamp:** 575 watt, double ended Metal Halide.

**Focusing Fixture:** Lens movements contained within body, adjustable with heat resistant knob.

**Iris:** 18 leaf, high grade stainless steel, rear operated.

**Color Changer:** 6 frame, self canceling color boom allows for single or multiple colors to be inserted into beam path. Color changer removable without the use of tools.

**Douser:** Allows for instantaneous blackout and incorporated into color boom.

**Dimmer:** Mechanical, 18 leaf, high grade stainless steel, rear operated.

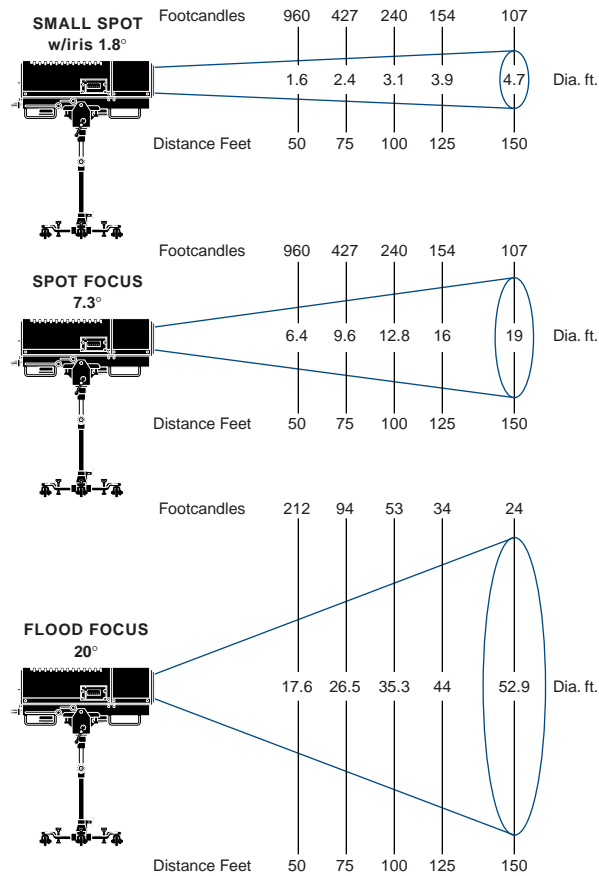
**Hour Meter:** 7 digit readout, non-resettable, 1/100 hour increments.

**Stand:** Four legged stand is height adjustable (12" maximum), each leg provided with locking casters and leveling jack. Height adjustment lock allows for 360° continuous pan.

**Finish:** Black epoxy sandtex, electrostatic application.

**Weight:** Approx; 69 lbs. (31 kg.) for lamphouse.  
 Approx; 52 lbs. (23.4 kg.) for stand (base, yoke and support column).  
 Approx; 54 lbs. (24.5 kg.) for ballast and interconnect cable.  
 Total Net Weight – Approx; 175 lbs. (78.7 kg.)

**Metal Halide Follow Spot**



Photometric Data for 575 HMI/DE Lamp

**SATELLITE-1 PERFORMANCE CHART WITH 575 HMI/DE LAMP**

Fixture Type	Focus	Candlepower (Candela)	Field Angle (Degrees°)
SATELLITE-1	Small Spot w/Iris	2,400,000	1.8°
	Spot	2,400,000	7.3°
	Flood	531,000	20.0°

**LAMP DATA**

Watts	Volts (Nominal)	Volts (Striking)	Color Temp (°K)	Luminous Flux	Rated Life (Hours)	Burn Position
575	95	30kV	5,600	49,000	750	Any

**ACCESSORIES**

RC-SAT1/H	SATELLITE-1 Head Road Case
RC-SAT1/B	SATELLITE-1 Ballast Road Case
RC-STAND	Follow Spot Stand Road Case

Casters can be factory installed on any road case. The ordering code for this feature is to add **"- C"** after the road case catalog number.

**BALLAST**

**Type:** Magnetic. Sheet steel construction.  
**Rating:** Input-120 VAC, 7 amps max. (220-240 VAC, 50/60 Hz units available).  
**Power Settings:** Three output settings provided via 3 position voltage tap switch: low, medium and high.  
**Circuit Protection:** 12 amp thermal push-button resettable circuit breaker.  
**Cooling:** Convection cooled.  
**Connector:** Female NEMA L21-20 locking blade multi-connector.  
**Power Cord:** 6' 14/3 SJT (3 prong male edison connector included on standard 120 VAC 60 Hz version).  
**Construction:** Heavy gauge stainless steel housing, provided with low profile carry handle.  
**Finish:** Baked black enamel.