

Fixture Type:

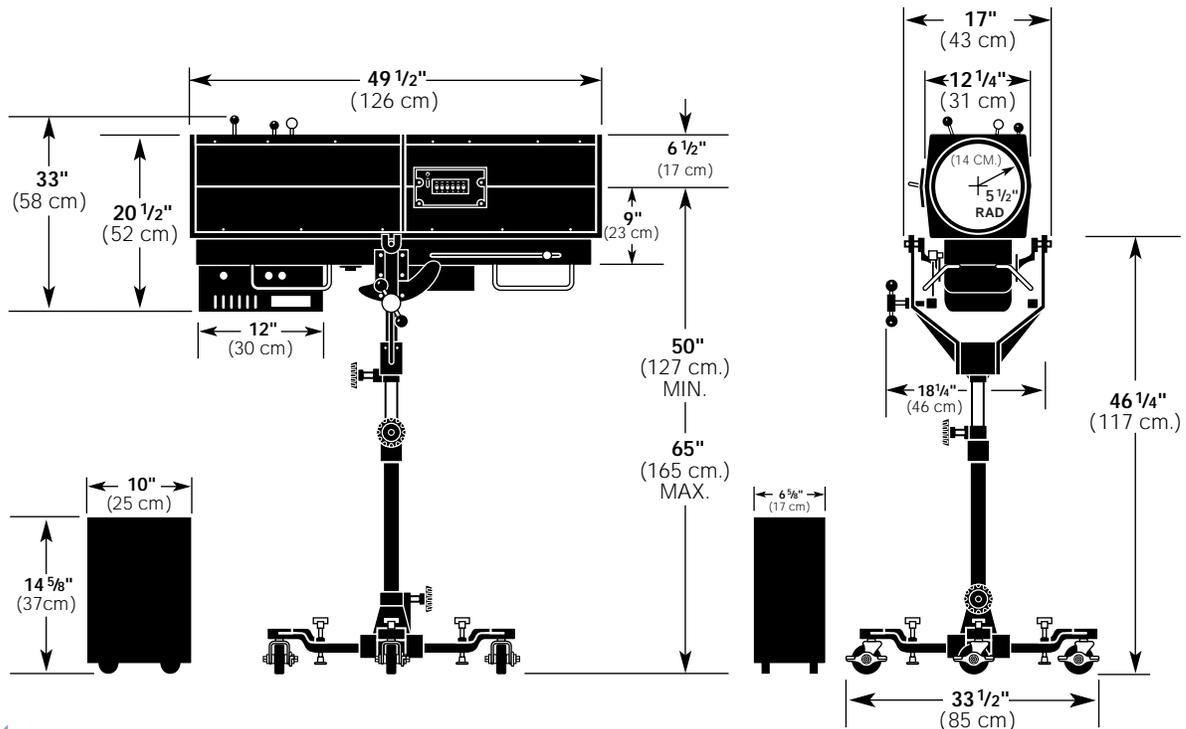


A ruggedly constructed long throw follow spot, the Explorer produces a very narrow hard or soft-edged beam which varies from 5° to 7°. At a distance of 150 feet, adjusted in spot focus, the beam is 15' in diameter with a peak measurement of 333 footcandles. The Explorer utilizes the double ended 1200 watt metal halide lamp for optimal performance. The ball bearing slide assembly assures easy operation of focusing from spot to flood and a separate fine focus control assures a clean, halation free beam edge. 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

1200 WATT Metal Halide  
**EXPLORER**  
Long Throw Follow Spot  
Features

- Rugged aluminum die-cast and aluminum plate construction
- Top operated framing, iris, and dimming controls
- Spring loaded self-canceling color boom
- Dual adjustable lenses
- Telescoping trouping stand
- Lightweight low noise ballast with 12.5' detachable cable
- Smooth easy operation
- Low power consumption
- 1200 watt Metal Halide lamp included
- Made in the USA



SIDE VIEW

FRONT VIEW

**Specifications**

**Housing:** Extruded sheet and die-cast aluminum.

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

**Lenses:** Follow Spot provided with an adjustable 4.5" condensing and 11" objective lens to achieve a variable zoom range. Each lens shall be independently adjustable for hard or soft edge beam-control. Front lens features an adjustable drag control to prevent unwarranted lens movement in extreme tilt position.

**Interconnect Cable:** The 12.5 foot long cable, provides the interconnection between the power supply and the lamp-house, shall be with a removable seven-conductor type SO cord with quarter turn military spec connectors.

**Shutter:** Horizontal two gate steel trim shutter with top mounted control handle

**Lamp:** 1200W/GS Double ended Metal Halide Lamp shall be mounted on a factory prefocused adjustable mount.

**Lamp Focusing:** Fine focus is obtainable anytime via adjusting setscrews.

**Re-lamping and Maintenance:** Shall be accomplished through either of two rear access doors without the need for tools. A third front access door allows for front lens cleaning and servicing.

**Cooling:** Shall be fan cooled. Each fan supplied with finger guard.

**Switches:** The luminaire shall be equipped with an illuminated power switch and separate fan and lamp switches.

**Iris:** 18 heavy-duty high quality stainless steel blades with top mounted control handle.

**Color Changer:** The unit shall feature an automatic self-canceling 6-frame color boomerang and twin bladed douser. Gel frames are industry standard 7", which are easily removable when a color changes is required.

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

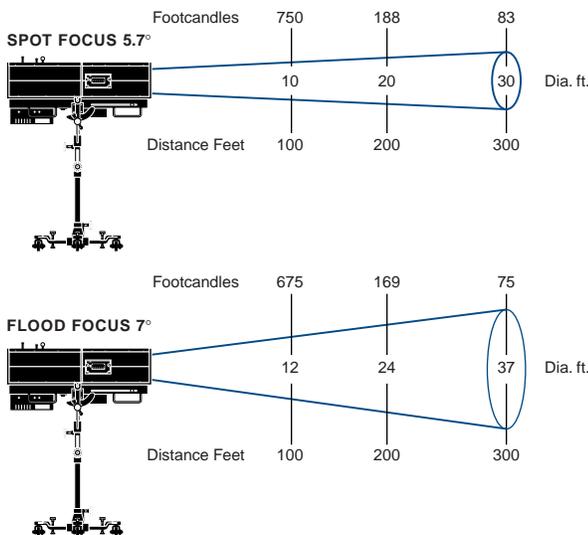
**Hour Meter:** 7 digit readout, non-resettable, 1/100 hour increments.

**Stand Base:** The 4-legged trouping stand is offered with locking casters, leveling jacks and positive-lock pan adjustment. Raising or lowering the inner telescoping pole shall accomplish required height adjustments.

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

**Weight:** Approx; 90 lbs. (40.8 kg.) for Lamphouse.  
 Approx; 54 lbs. (25.5kg.) for Stand.  
 Approx; 51 lbs. (23 kg.) for Ballast.  
 Total Net Weight - Approx; 195 lbs. (87.8kg.)

Metal Halide Long Throw Follow Spot



Photometric Data for 1200 HMI Lamp

**EXPLORER PERFORMANCE CHART WITH 1200 HMI LAMP**

Fixture Type	Focus	Candlepower (Candela)	Field Angle (Degrees°)
Explorer	Spot	7,500,000	5.7°
	Flood	6,750,000	7.0°

**ACCESSORIES**  
Supplied with Luminaire

90-1200HMI/GS	1200 Watt Double Ended Lamp
78-0704	4-Leg Stand Assembly
77-0119	Color Changer Assembly
54-5012	12.5' Interconnect Cable
50-EXP-B120	Magnetic Ballast 120 Volt
50-EXP-B120-25	Magnetic Ballast 220 Volt

**ADDITIONAL ACCESSORIES**

97-1530	Converter Kit for Adapting to Explorer-TH Optics
RC-EXPLT/H*	Head Road Case (for all Explorer Models)
RC-EXPLT/B*	Ballast Road Case (for EXP-B120 & EXP-B220)
RC-STAND*	Follow Spot Stand Road Case
*-C	Casters (4) Mounted on Road Case, Additional

**BALLAST**

**Type:** Magnetic.

**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.