



Mole-Richardson Co.

TYPE 6321

**1,200 WATT
HMI SOLARSPOT®**



FEATURES

This 1,200 watt HMI Solarspot® uses the new single-ended HMI globe. This fixture is a lightweight, highly efficient, compact source of daylight illumination. Ideal for film location, television remotes and news coverage. It produces high light output at low amperage and positive ignition system for smooth operation. Equipped with safety screen.

TYPE 6321 HMI SINGLE-ENDED
SOLARSPOT® MOUNTED ON TYPE 410138
JUNIOR SIZE STANDARD STAND



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Mole-Richardson Co.

TYPE 6321

1,200 WATT HMI SOLARSPOT®



GLOBE TABLE

Base-medium bipost, G38. Burn any position. 4⁷/₃₂" L.C.L.

Watts	Ordering Code	Color Temp.°K	Volts	Life Hours
1200	1200 SE/HR	5600	100	750

*The average color temperature decrease during life is .5°K-1°K per hour of operation. Globes not included in price of lamp. See price list for complete details.

SPECIFICATIONS

HEAD: Type 6321. 1,200 watts.

RATING: 120 volt, A.C., 13.8 amps max., 1,200 watts max.

SOCKET: Type 63295. Heavy-duty electrical grade porcelain body with friction type bipost brass inserts.

CONTROL SWITCHES: ON and OFF push-button switches mounted on lamp head allow fixture to be re-ignited when hot.

SAFETY SWITCH: Interlock micro-switch at door shuts off power to globe sockets when door is opened. Globe cannot be turned on until door is closed.

CABLE: Attached 7-conductor, with male interlocking "Veam" type connector.

CONSTRUCTION: Rugged, light, anodized aluminum with verticle circular interlocking channels for ventilation and perforated sheet aluminum in trough.

YOKE: Cast aluminum with removable 1¹/₈" yoke pin.

CONDENSER: 8" dia. Fresnel lens of glass. 11° to 46° field angle.

MIRROR: Alzak Aluminum.

FOCUSING: Knob at front and rear.

SIZE: 13" x 15" x 12¹/₂".

FINISH: Silver Anodized and Maroon Powder Coat Enamel.

HEAD WEIGHT: 20³/₄ lbs. (w/cable)

ACCESSORIES

- 4132 2-Way Barn Door (2 Leaf)
- 4134 4-Way Barn Door (8 Leaf)
- 4133 Moledisc Diffuser Frame (9" dia.)
- 4135 Molering Diffuser Frame (9" dia.)
- 4136 Molequik Diffuser Frame (9" sq.)
- 4138S Half Single Moledura Scrim (9")
- 4138D Half Double Moledura Scrim (9")
- 4139S Single Moledura Scrim (9")
- 4139D Double Moledura Screen (9")
- G137 Scrim Bag
- 41310 Molesnoot (Five-in-one) Apertures: 2", 2³/₈", 2³/₄", 3¹/₈" and 3¹/₂"
- 413316 Snoots (Set of three)
- 41311 Shutter
- 410138 Junior Size Standard Stand
(See Stand Section for more information & options)

BALLAST & HEAD CABLE

- 63765 1,200 Electronic Ballast
(See Ballast Section for more information & options)
- 63243 Head Extension Cable-25 ft.
- 66394 Head Extension Cable-50 ft.



Type 4134
4-Way
Light Shield



Type 4133
Moledisc
Diffuser Frame



Type 41310
Molesnoot (Five-in-one)



Type 63242
50 ft. Head Cable

PERFORMANCE DATA

Using 1,200 watt, HMI 5600°K globe, 4⁷/₃₂" L.C.L. and Type 6155 Standard Magnetic Ballast.

Distance Feet	Light Intensity F.C.		Beam Diameter* Feet	
	Maximum Flood	Minimum Spot	Maximum Flood	Minimum Spot
10	645	7,100	6.9	1.0
15	285	3,150	10.3	1.5
20	160	1,770	13.7	2.0
25	105	1,130	17.2	2.5
30	70	785	20.6	3.0
35	55	580	24.0	3.5
40	40	445	27.5	4.0
50	25	280	34.3	5.0

*Light tapers smoothly at edge of field. Dimensions listed define flat area boundaries at which the intensities are approximately 50% of tabulated intensities at beam center.

