

Mole-Richardson®



2,500 WATT HMI SOLARSPOT®

TYPE 6341

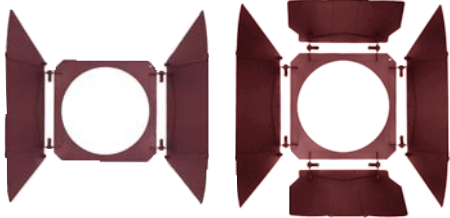
FEATURES

This 2,500 watt HMI Solarspot® uses the new Single-Ended HMI globe. This fixture is a light-weight, 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 6341 HMI SOLARSPOT®
MOUNTED ON TYPE 410138
JUNIOR SIZE STANDARD STAND

Mole®
RICHARDSON



Type 419102
2-Way Barn Door

Type 419104
4-Way Barn Door



Type 419103
Moledisc Diffuser Frame



Type 419109D
Double Moledura Scrim



Type 419110 Molesnoot (Five-in-one)



Type 63897 50 ft. Head Cable



Type 61611
Electronic Square
Wave Ballast



Type 6165
Standard
Magnetic Ballast

ACCESSORIES

- 6165 Standard Magnetic Ballast
- 61611 Electronic Square Wave Ballast
- 63897 Head Cable—50 ft.
- 419102 2-Way Barn Door (2 Leaf)
- 419104 4-Way Barn Door (6 Leaf)
- 419103 Moledisc Diffuser Frame (13 1/2" dia.)
- 419105 Molering Diffuser Frame (13 1/2" dia.)
- 419106 Molequick Diffuser Frame (13 1/2" dia.)
- 419345 Snoots (Set of 3)
- 419110 Molesnoot (Five-in-one)
Apertures: 3", 5", 7", 9" and 11"
- 419108S Half Single Moledura Scrim—
Stainless Steel (13 1/2" dia.)
- 419108D Half Double Moledura Scrim—
Stainless Steel (13 1/2" dia.)
- 419109S Single Moledura Scrim—
Stainless Steel (13 1/2" dia.)
- 419109D Double Moledura Scrim—
Stainless Steel (13 1/2" dia.)
- 419340 Scrim Box
- G138 Scrim Bag
- 419111 Shutter
- 1201 C-Clamp
- 500165 Hanger Adapter
- 500350 Heavy Duty Wall Bearing C-Clamp
and Adapter Assembly
(For lamps having 1 1/8" dia. yoke pin.)
- 500356 Heavy Duty Ball Bearing C-Clamp
and Adapter Assembly
(Replaces radius end yoke pin.)

STAND SUBSTITUTIONS

- 1411 Senior Size Low
- 500476 Junior Size Litewate
- 1571 Senior Size Sky-Hi
- 41494 Senior Size Standard
- 418181 Senior Size Litewate Low
- 418183 Senior Size Litewate Sky-Hi

SPECIFICATIONS

HEAD: Type 6341. 2,500 watts.
RATING: 120 volt, A.C., single-phase, 60 Hz., 25.0 amps max., 2,500 watts max.
SOCKET: Type 63295. Heavy-duty electrical grade porcelain body with friction type bipost inserts.
CONTROL SWITCH: ON and OFF push-button switches mounted in lamp trough 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.
CONSTRUCTION: Light aluminum with vertical circular interlocking channels for ventilation with a louvered trough.
YOKE: Cast aluminum with removable 1 1/8" steel yoke pin.
CONDENSER: 9 7/8" dia. Fresnel glass lens. 17° to 61° field angle.
MIRROR: Alzak Aluminum

SPECIFICATIONS (Cont.)

FOCUSING: Rotating plastic knob, front and rear.
SIZE: 15 1/2" x 15 1/4" x 22 3/4".
FINISH: Clear Anodized Aluminum.
HEAD WEIGHT: 28 lbs.
CABLE: Accessory Type 63897. Detachable, 50 ft., Type SO 7-conductor #12 AWG with male to female interlocking connectors.
CABLE WEIGHT: 27 lbs.
STANDARD MAGNETIC BALLAST: Type 6165.
RATING: Input—120 volt, A.C., single-phase, 60 Hz., 25.0 amps max.
CONTROL SWITCHES: ON and OFF push-button switches mounted in control panel allow fixture to be re-ignited when hot.
CIRCUIT PROTECTION: Double pole circuit breaker and red indicator light.
CABLE: Attached, 25 ft., Type SO, 3-conductor #12 AWG. (Specify type of plug when ordering).
CABLE WEIGHT: 5 lbs.
CONSTRUCTION: Solid and perforated sheet aluminum.
FINISH: Maroon Powder Coat Enamel.
SIZE: 19 3/4" x 13" x 11".
WEIGHT: 116 lbs.
ELECTRONIC SQUARE WAVE BALLAST: Accessory Type 61611.
RATING: Input—120 or 240 volts, A.C. or D.C., 50 or 60 Hz., 30 amps max.
CONTROL SWITCHES: ON and OFF push-button switches mounted in control panel allow fixture to be re-ignited when hot.
CIRCUIT PROTECTION: Double circuit breaker and red indicator light.
CABLE: Type 616357. Detachable, 25 ft., Type SO, 3-conductor #10 AWG with "Veam" type connector on ballast end, customer specified plug on other.
CABLE WEIGHT: 14 lbs.
CONSTRUCTION: Solid and perforated sheet aluminum.
FINISH: Anodized Aluminum.
SIZE: 17 1/2" x 12 1/4" x 4 1/8".
WEIGHT: 43 lbs.
STAND: Type 410138. Junior Size Standard. Accepts 1 1/8" dia. yoke pin.
LOW: 43 inches. **HIGH:** 100 inches. (2 extensions)
FOLDED FOR STORAGE: 39 7/8" inches.
STAND TOP TO LIGHT CENTER: 16 1/4 inches.
WEIGHT: 25 lbs.

GLOBE TABLE

TYPE 6341 HMI SOLARSPOT®

Base—bipost, G-38. Burn any position. 5" L.C.L.

Watts	Ordering Code	Color Temp.°K	Finish	Volts	Life Hours	Hours Amps
2500	SEDIS25H HMI2500W/SE	5600	Clear	115	500*	25.6

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

PERFORMANCE DATA

TYPE 6341 HMI SOLARSPOT® Using 2,500 watt, HMI 5600°K globe, 5" L.C.L. and Type 6165 Magnetic Standard Ballast.

Distance in Feet	Light Intensity F.C.		Beam Diameter Feet	
	Maximum Flood	Minimum Spot	Maximum Flood	Minimum Spot
10	1600	16400	11.6	1.0
15	711	7288	17.4	1.5
20	400	4100	23.2	2.0
25	256	2624	29.0	2.5
30	177	1822	34.8	3.0
35	130	1338	40.6	3.5
40	100	1025	46.4	4.0
50	64	656	58.0	5.0
60	44	455	69.6	6.0

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

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