

Mole-Richardson®



575 WATT HMI SOLARSPOT®

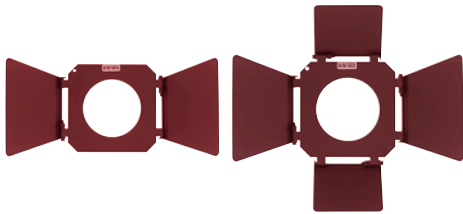
TYPE 6331

FEATURES

This 575 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 6331 HMI SOLARSPOT®
MOUNTED ON TYPE 40651A
BABY SIZE STANDARD STAND



Type 40755
2-Way Barn Door

Type 40755A
4-Way Barn Door



Type 40748A Moledisc
Diffuser Frame



Type 407280D Double
Moledura Scrim



Type 6333
50 ft. Head Cable



Type G136
Scrim Bag



Type 6158
575W/1200W
Electronic Square
Wave AC/DC Ballast



Type 6145
Standard
Magnetic Ballast

PERFORMANCE DATA

TYPE 6331 HMI SOLARSPOT® Using 575 watt, HMI 5600°K globe, 2¾" L.C.L. and Type 6145 Standard Magnetic Ballast.

Distance in Feet	Light Intensity F.C.		Beam Diameter Feet	
	Maximum Flood	Minimum Spot	Maximum Flood	Minimum Spot
5	640	8640	4.2	.6
10	160	2160	8.4	1.2
15	70	960	12.6	1.8
20	40	540	17.1	2.4
25	25	345	21.2	3.0
30	18	240	25.2	3.6

*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.

ACCESSORIES

- 6145 Standard Magnetic Ballast
- 6158 575W/1200W Electronic Square Wave AC/DC Ballast
- 6333 Head Cable—50 ft.
- 614152 Veam to Cannon Ballast Adapter (Used only with 6158 and 6155 ballast)
- 40755 2-Way Barn Door (2 Leaf)
- 40755A 4-Way Barn Door (4 Leaf)
- 407156 4-Way Barn Door (8 Leaf)
- 40748A Moledisc Diffuser Frame (6⁵/₈" dia.)
- 407166 Molequik Diffuser Frame (6⁵/₈" sq.)
- 407183 Molering Diffuser Frame (6⁵/₈" dia.)
- 407280S Single Moledura Scrim—Stainless Steel Screen (6⁵/₈" dia.)
- 407280D Double Moledura Scrim—Stainless Steel Screen (6⁵/₈" dia.)
- 407281S Half Single Moledura Scrim—Stainless Steel Screen (6⁵/₈" dia.)
- 407281D Half Double Moledura Scrim—Stainless Steel Screen (6⁵/₈" dia.)
- 40747A Snoot (Set of 3)
- 407184 Molesnoot (Five-in-one)
Apertures: 2", 2³/₈", 2³/₄", 3¹/₈" and 3¹/₂"
- 407340 Scrim Box
- G136 Scrim Bag
- *407247 Mole Focal-Spot
*See Focal-Spot Bulletin
- 505407 Shutter
- 81861 Safety Cable
- 1201 C-Clamp
- 50073 Junior to Baby Stand Adapter
- 500119 Hanger Adapter (5⁵/₈" Spud)

STAND SUBSTITUTIONS

- 1391 Baby Size Low
- 1581 Baby Size Sky-Hi
- 3621 Husky Baby Stand
- 3641 Super Husky Baby Stand

SPECIFICATIONS

HEAD: Type 6331. 575 watts.
RATING: 120 volt, A.C., single-phase, 60 Hz., 7.0 amps max., 575 watts max.
SOCKET: 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.
CONSTRUCTION: Rugged, light, anodized aluminum with verticle circular interlocking channels for ventilation and perforated sheet aluminum in trough.
YOKE: Cast aluminum fits any standard 5⁵/₈" dia. spud or 5⁵/₈" hanger spud.
CONDENSER: 6" dia. Fresnel glass lens. 15° to 58° field angle.
MIRROR: Alzak Aluminum.

SPECIFICATION (Cont'd)

FOCUSING: Knob at front and rear.
SIZE: 10¹/₈" x 11¹/₄" x 13³/₈".
FINISH: Silver Anodized and Maroon Powder Coat Enamel.
HEAD WEIGHT: 11¹/₄ lbs.
HEAD CABLE: *Accessory* Type 6333. Detachable 50 ft., Type SO, 7-conductor #18 AWG with male to female interlocking "Veam" type connectors.
CABLE WEIGHT: 13¹/₂ lbs.
STANDARD MAGNETIC BALLAST: *Accessory* Type 6145.
RATING: Input—120 volt, A.C., single-phase, 60 Hz., 7.0 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.
BALLAST CABLE: Attached 25 ft., Type SO, 3-conductor #18 AWG.
(Specify type of plug when ordering.)
CONSTRUCTION: Solid and perforated sheet aluminum.
FINISH: Maroon Powder Coat Enamel.
SIZE: 16⁵/₈" x 10" x 9¹/₂".
BALLAST WEIGHT: 60¹/₂ lbs.
CABLE WEIGHT: 2³/₄ lbs.
ELECTRONIC SQUARE WAVE AC/DC BALLAST: *Accessory* Type 6158.
RATING: Input—120 volt, A.C. or D.C., single-phase, 60 Hz., 7.0 amps max.
CONTROL SWITCHES: ON and OFF push-button switches mounted in control panel, allow lamp to be re-ignited when hot.
CIRCUIT PROTECTION: Double pole circuit breaker and red indicator light.
CABLE: Type 40084. Detachable 25 ft., #12/3 AWG. Type SO. *(Specify type of plug when ordering.)*
CONSTRUCTION: Solid and perforated sheet aluminum.
FINISH: Maroon Powder Coat Enamel.
SIZE: 16³/₄" x 10¹/₄" x 9³/₈".
BALLAST WEIGHT: 32 lbs.
STAND: Type 40651A Baby Size Standard Stand with standard 5⁵/₈" spud.
LOW: 40 inches.
HIGH: 100 inches.
FOLDED FOR STORAGE: 39 inches.
STAND TOP TO LIGHT CENTER: 51³/₄ inches.
STAND WEIGHT: 16¹/₂ lbs.

GLOBE TABLE

TYPE 6331 HMI SOLARSPOT®

Base—medium bipost, G22. Burn any position. 2³/₄" L.C.L.

Watts	Ordering Code	Color Temp. °K	Volts	Life Hours	Amps
575	MSR575HR	5600	100	750*	7.0
575	HM1575W/SE	5600	95	800*	7.0

*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.

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