



# Mole-Richardson Co.

**TYPE 6331**

**575 WATT  
HMI SOLARSPOT®**



## FEATURES

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



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# Mole-Richardson Co.

## TYPE 6331 CE

## 575 WATT HMI SOLARSPOT®



### GLOBE TABLE

Base-medium bipost, G22. Burn any position. 2<sup>3</sup>/<sub>4</sub>" L.C.L.

Watts	Ordering Code	Color Temp.*K	Volts	Life Hours	Amps
575	MSR 575 SE/HR	5600	95	750*	7.0
575	CSR 575 SE/HR	5600	95	800*	7.0
575	HMI 575 SE/HR	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.

### SPECIFICATIONS

**HEAD:** Type 6331, 575 watts.

**RATING:** 120 volt, A.C., 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.

**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 fits any standard 5/8" dia. spud or 5/8" hanger spud.

**CONDENSER:** 6" dia. Fresnel glass lens. 15° to 58° field angle.

**MIRROR:** Alzak Aluminum.

**FOCUSING:** Knob at front and rear.

**SIZE:** 10<sup>1</sup>/<sub>8</sub>" x 11<sup>1</sup>/<sub>4</sub>" x 13<sup>3</sup>/<sub>8</sub>".

**FINISH:** Silver Anodized and Maroon Powder Coat Enamel.

**HEAD WEIGHT:** 11<sup>1</sup>/<sub>4</sub> lbs. (w/cable)

### ACCESSORIES

- 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 (6<sup>5</sup>/<sub>8</sub>" dia.)
- 407280S Single Moledura Scrim (6<sup>5</sup>/<sub>8</sub>" dia.)
- 407280D Double Moledura Scrim (6<sup>5</sup>/<sub>8</sub>" dia.)
- 407281S Half Single Moledura Scrim (6<sup>5</sup>/<sub>8</sub>" dia.)
- 407281D Half Double Moledura Scrim (6<sup>5</sup>/<sub>8</sub>" dia.)
- G136 Scrim Bag
- 40747A Snoot (Set of 3)
- 407184 Molesnoot (Five-in-one) Apertures: 2", 2<sup>3</sup>/<sub>8</sub>", 2<sup>3</sup>/<sub>4</sub>", 3<sup>1</sup>/<sub>8</sub>" and 3<sup>1</sup>/<sub>2</sub>"
- 505407 Shutter
- 40651A Baby Size Standard Stand  
(See Stand Section for more information & options)

### BALLAST & HEAD CABLE

- 63765 575W Electronic Ballast (See Ballast Section for more information & options)
- 64953 Head Extension Cable—50 ft.



Type 40755A  
4-Way Light Shield



Type 40748A  
Moledisc  
Diffuser Frame



Type 407184  
Molesnoot (Five-in-one)



Type 64953  
50 ft. Head Cable

### PERFORMANCE DATA

Using 575 watt, HMI 5600°K globe, 2<sup>3</sup>/<sub>4</sub>" 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	8,640	4.2	.6
10	160	2,160	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. Dimensions listed define flat area boundaries at which the intensities are approximately 50% of tabulated intensities at beam center.

