



Mole-Richardson Co.

TYPE 4351

**5,000 WATT
14" SENIOR
SOLARSPOT®**



FEATURES

The 5,000 watt Senior Solarspot with circular channel construction for added strength and more efficient airflow, resulting in cooler operation. Less heat on the fixture and lower seal temperature of the globes for longer life. Knobs on the front and rear for focusing from spot-to-flood for a smoother even field. For use in Motion Picture, Television and the Still Photographic Industries as a key-light, back-light or kicker. Equipped with safety screen.

TYPE 4351 SENIOR SOLARSPOT®
MOUNTED ON TYPE 418182 SENIOR SIZE
LITEWATE STANDARD STAND



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TYPE 4351 5,000 WATT 14" SENIOR SOLARSPOT®

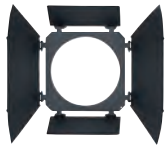


GLOBE TABLE

Base, mogul bipost. Burn base-down to horizontal. T-17 and T-20 bulbs. 6 1/2" L.C.L.

Watts	Ordering Code	Color Temp. °K	Finish	Volts	Life Hours	Amps
5000	DPY	3200	Clear	120	500	41.6
5000	CP29	3200	Clear	230/240	500	20.8

Globes not included in price of lamp.
See price list for complete details.
*220 Volt DPY Globes available upon request.



Type 418104
4-Way Light Shield



Type 418103
Moledisc Diffuser Frame



Type 418110
Molesnoot (Five-in-one)



Type G139
Scrim Bag



Type 500350
Heavy Duty Ball
Bearing C-Clamp

SPECIFICATIONS

HEAD: Type 4351 5,000 Watts
RATING: 120/240 volts, A.C. or D.C., 41.6 amps max.-5,000 watts max.
SOCKET: Mogul Bipost. Spring loaded contacts.
SWITCH: 60 Amp, 125 volt heavy-duty double pole, snap action. Mounted in trough.
CABLE: Attached 3 ft., #6/1 Entertainment Cable with #10/1 ground 50 Amp Bates and MC257G plug. (Other wiring substitutes available).
HEAD CONSTRUCTION: Aluminum with vertical circular interlocking channels for ventilation.
YOKE: Tubular steel and brass castings with removable 1 1/8" dia. steel yoke pin.
CONDENSER: 14" dia. curved Fresnel lens of glass. Cold lens, 18° to 70° field angle. Accessory Hot lens, 16° to 60° field angle.
REFLECTOR: Alzak aluminum.
FOCUSING: Rear Rotating Hand Crank.
FINISH: Clear Anodizing Aluminum and Maroon Powder Coat Enamel.
SIZE: 23 1/2" x 18 7/8" x 21 7/8".
HEAD WEIGHT: 65 1/2 lbs. (w/cable)

ACCESSORIES

- 418102 2-Way Barn Door (6 Leaf)
- 418104 4-Way Barn Door (8 Leaf)
- 418103 Moledisc Diffuser Frame (18 1/2" dia.)
- 418341 Snoot (Set of 3)
- 418110 Molesnoot (Five-in-one) Apertures: 3", 5", 7", 9" and 11".
- 418108S Half Single Moledura Scrim (18 1/2" dia.)
- 418108D Half Double Moledura Scrim (18 1/2" dia.)
- 418109S Single Moledura Scrim (18 1/2" dia.)
- 418109D Double Moledura Scrim (18 1/2" dia.)
- G139 Scrim Bag
- 415B Blue Molocolor Daylight Conversion Filter
- 415120 Dichroic Daylight Conversion Filter
- 38592 Hot Fresnel Condenser 16° to 20° field angle.
- 418111 Shutter
- 418369 Shutter Box
- 1921 5KW to 2KW Socket Adapter
- 500350 C-Clamp
- 418182 Senior Size Litewate Standard Stand
(See Stand Section for more information & options)

PERFORMANCE DATA

Using DPY 5,000 Watt, 120 volt, 3200° K quartz globe.

Distance in Feet	Using Type 414 Standard Lens				Using Type 38592 Hot Lens			
	Light Intensity F.C.		Beam Diameter* Feet		Light Intensity F.C.		Beam Diameter* Feet	
	Max. Flood	Min. Spot	Max. Flood	Min. Spot	Max. Flood	Min. Spot	Max. Flood	Min. Spot
10	875	5,812	13	1.5	1,063	8,250	10	1.8
15	390	2,583	19	2.2	472	3,667	15	2.6
20	219	1,453	26	3.0	266	2,063	20	3.5
25	140	930	32	3.7	170	1,320	26	4.4
30	97	646	39	4.4	118	917	31	5.3
40	55	363	52	5.9	66	516	41	7.0
50	35	233	65	7.4	43	330	52	8.8
60	24	161	78	8.9	30	229	62	10.6

*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.

