



# Mole-Richardson Co.

**TYPE 5421**

## **2,000 WATT MOLEQUARTZ® 8" JUNIOR MOLEPOLE SOLARSPOT®**



TYPE 5421 MOLEQUARTZ® 8" JUNIOR  
MOLEPOLE SOLARSPOT® SUSPENDED  
BY ACCESSORY TYPE 1201 C-CLAMP

### **FEATURES**

Molepole Solarspot® designed for pole operation, from spot-to-flood, pan and tilt, with fixture hanging on pipe. Three Molerings are provided on the fixture for acceptance of the Molepole Hook operated from floor. The blue Molering, located on the right side of the yoke, is for panning. The white for tilt and yellow for spot-to-flood, are on the left. All with smooth positive operation. For use as a key-light, back-light or kicker. Molepoles are available in 3 ft., 6 ft. and 12 ft. lengths. Equipped with safety screen.



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### GLOBE TABLE

Base-mogul bipost.  
Burn base down to horizontal.  
T-7, T-8, T-9½ and T-10 bulbs. 5" L.C.L.

Watts	Ordering Code	Color Temp. °K	Finish	Volts	Life Hours	Amps
2000	FKK	3200	Clear	230/240	400	9.1/8.3
2000	CYX	3200	Clear	120	350	16.7
1500	CXZ	3200	Clear	120	400	12.5
1000	CYV	3200	Clear	120	200	8.3

Globes not included in price of lamp.  
See price list for complete details.

### SPECIFICATIONS

**HEAD:** Type 5421. 2,000 watts.  
**RATING:** 120/240 volts, A.C. or D.C., 16.7 amps max., 2,000 watts max.  
**SOCKET:** Mogul bipost. Spring loaded contacts.  
**CABLE:** Attached, 3 ft., Type SO, 3-conductor #14 AWG.  
 (Specify type of plug when ordering.)  
**CONSTRUCTION:** Rugged, light, anodized aluminum with vertical circular interlocking channels for ventilation and perforated sheet aluminum in trough.  
**YOKE:** Tubular aluminum and aluminum castings into which the horizontal and vertical movement systems are integrated. 13/16" dia. spud attaches to Accessory Type 1201 C-Clamp.  
**CONDENSER:** 8" dia. Fresnel glass lens. 15° to 65° field angle.  
**MIRROR:** Alzak Aluminum.  
**FOCUSING:** Pole operation from spot-to-flood, pan and tilt.  
**SIZE:** 13" x 15 5/8" x 18".  
 Note: Height measured from bottom of lamp to C-Clamp mounting surface.  
**FINISH:** Anodized Aluminum and Maroon Powder Coat Enamel.  
**HEAD WEIGHT:** 16 1/2 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.)
- 4138S Half Single Moledura Scrim (9" dia.)
- 4138D Half Double Moledura Scrim (9" dia.)
- 4139S Single Moledura Scrim (9" dia.)
- 4139D Double Moledura Scrim (9" dia.)
- G137 Scrim Bag
- 41310 Molesnoot (Five-In-One) Apertures: 2", 2 3/8", 2 3/4", 3 1/8" and 3 1/2"
- 413316 Snoots (Set of 3)
- 413315 Molecone
- 413324 Diffuser Frame (18 1/4" x 18 1/4")
- 41311 Shutter
- 55 Fresnel Condenser (Hot)
- 407B Blue Molecolor Daylight Conversion Filter
- 42080 Molepole-3 ft.
- 42081 Molepole-6 ft.
- 42082 Molepole-12 ft.
- 81861 Safety Cable
- 1201 C-Clamp



Type 1201  
C-Clamp



Type 4134  
4-Way Light Shield



Type 4135  
Molering Diffuser Frame



Type 41310  
Molesnoot (Five-in-one)



Type 81861  
Safety Cable



Type 42080  
3' Molepole

### PERFORMANCE DATA

Using 2,000 Watt, 120 volt, 3200° K quartz globe. 5" L.C.L.

Distance in Feet	Light Intensity F.C.		Beam Diameter* Feet	
	Max. Flood	Min. Spot	Max. Flood	Min. Spot
10	490	3,920	8.8	1.6
15	220	1,745	13.1	2.5
20	130	1,000	17.4	3.4
25	80	640	21.8	4.3
30	55	445	26.1	5.1
35	40	330	30.5	6.0
40	30	250	34.8	6.8
45	25	200	39.2	7.7

\*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.

