



# Mole-Richardson Co.

**TYPE 4131**

## **2,000 WATT MOLEQUARTZ® BABY JUNIOR SOLARSPOT®**



### **FEATURES**

Designed for Quartz Tungsten-Halogen globes. More compact, lightweight aluminum housing with high performance and low maintenance. Front opening door. Easy portability for location work. Accessories fit in wide Diffuser Clips. Front and rear Molecool Paddle Keyed to graduated spot-flood scale. Spring loaded socket contacts for positive grip. Equipped with safety screen.

TYPE 4131 MOLEQUARTZ® BABY  
JUNIOR SOLARSPOT® MOUNTED ON  
TYPE 40651A BABY SIZE STANDARD STAND



2

15



# Mole-Richardson Co.

## TYPE 4131

### 2,000 WATT MOLEQUARTZ® BABY JUNIOR SOLARSPOT®



#### GLOBE TABLE

Base, mongul bipost. Burn base down to horizontal T-7, T-8, T-9<sup>1</sup>/<sub>2</sub>, T-10 bulbs; 5" L.C.L.

Watts	Ordering Code	Color Temp.*K	Finish	Volts	Life Hours	Amps
2000	CYX	3200	Clear	120	350	16.7
1500	CXZ	3200	Clear	120	300	12.5
1000	CVV	3200	Clear	120	500	8.3
2000	FKK	3200	Clear	240	400	8.3

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



Type 4134  
4-Way Light Shield



Type 4133  
Moledisc Diffuser Frame



Type 41310 Molesnoot (Five-in-one)



Type 413315  
Molecone



Type G137  
Scrim Bag

#### SPECIFICATIONS

**HEAD:** Type 4131, 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.  
**SWITCH:** Thru-cord type in cable.  
**CABLE:** Attached 25 ft., Type SO, 3 conductor #14 AWG. (Specify type of plug when ordering). Other wiring substitutes are available.  
**CONSTRUCTION:** Aluminum with interlocking channels and perforated steel trough.  
**YOKE:** Cast aluminum. Fits any standard 5/8" dia. hanger spud.  
**CONDENSER:** 6" dia. Fresnel lens of glass. 27° to 55° field angle.  
**MIRROR:** Alzak Aluminum.  
**FOCUSING:** Easy Action Molecool® Paddle type handles front and rear.  
**FINISH:** Clear Anodized Aluminum/Maroon Powder Coated Enamel.  
**SIZE:** 11<sup>3</sup>/<sub>4</sub>" x 9<sup>3</sup>/<sub>4</sub>" x 13<sup>1</sup>/<sub>4</sub>".  
**HEAD WEIGHT:** 16<sup>1</sup>/<sub>2</sub> lbs. (w/cable)

#### ACCESSORIES

- 4132 2-Way Barn Door (2-Leaf)
- 4134 4-Way Barn Door (8-Leaf)
- 4133 Moledisc 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<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>"
- 413316 Snoots (Set of 3)
- 413315 Molecone
- 413324 Molecone Frame (18<sup>1</sup>/<sub>4</sub>" x 18<sup>1</sup>/<sub>4</sub>"
- 4135 Molering Diffuser Frame
- 41311 Shutter
- 55 Hot Fresnel Condenser
- 407B Blue Molecolor Daylight Conversion Filter
- 500848 Heavy Duty C-Clamp and Adapter
- 40651A Baby Size Standard Stand  
(See Stand Section for more information & options)

#### PERFORMANCE DATA

Using 2,000 Watt, 120 volt, 3200° K quartz globe.

Distance in Feet	Using Type 4131 Lens Standard with Lamp				With Type 55 Hot Lens Accessory 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	400	1,500	8.5	2.8	525	2,470	7.0	1.9
15	180	665	12.8	4.1	240	1,120	10.2	2.9
20	100	375	16.9	5.3	140	630	13.7	3.8
25	65	240	21.0	6.6	90	400	17.1	4.8
30	45	165	25.2	7.9	60	280	20.5	5.7
35	30	120	29.4	9.2	45	205	23.9	6.6
40	20	95	33.6	10.5	35	160	27.3	7.6

\*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.

