



# Mole-Richardson Co.

**TYPE 4821**

**650 WATT  
TWEENIE II  
SOLARSPOT®**



## FEATURES

The 650 watt Molequartz® Tweenie II 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 globe for longer life. Front opening door for easy globe access. New socket with quick globe release. Focusing knob on front and rear for focusing from spot to wide flood with smooth even field. Uses three globes - 650 watt FRK, 500 watt FRG, or 300 watt FKW with 1.83" L.C.L. For use in Motion Picture, Television and Still Photographic Studios as a keylight, backlight or kicker.

TYPE 4821 MOLEQUARTZ® TWEENIE II  
SOLARSPOT® MOUNTED ON TYPE 40651A  
BABY SIZE STANDARD STAND



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# Mole-Richardson Co.

## TYPE 4821 650 WATT TWEENIE II SOLARSPOT®



### GLOBE TABLE

Base, 2-pin prefocus. Burn with coil horizontal. T-8 bulb, 1.83" L.C.L.

Watts	Ordering Code	Color Temp. °K	Finish	Volts	Life Hours	Amps
650	FRK	3200	Clear	120	200	5.4
650	FRL	3200	Clear	230	150	3.0
650	FRM	3200	Clear	240	150	2.7
500	FRG	3200	Clear	120	150	4.2
500	FRH	3200	Clear	230	150	2.2
500	FRJ	3200	Clear	240	150	2.1
300	FKW	3200	Clear	120	200	2.5
300	FSK	3200	Clear	240	150	1.2

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

### SPECIFICATIONS

**HEAD:** Type 4821 650 Watts  
**RATING:** 120, 230 or 240 volts, A.C. or D.C., 5.4 amps max., 650 watts max.  
**SOCKET:** 2-pin prefocus.  
**SWITCH:** Thru-cord type in cable.  
**CABLE:** Attached 25 ft., Type SO, 3 conductor #18 AWG with 3-prong grounding houseplug. (Other plugs available upon request).  
**HEAD CONSTRUCTION:** Aluminum with vertical circular interlocking channels for ventilation and perforated sheet steel in trough.  
**YOKE:** Cast aluminum. Fits any standard 5/8" dia. stand spud or 5/8" hanger spud.  
**CONDENSER:** 4<sup>15</sup>/<sub>32</sub>" dia. Fresnel lens of glass 17° to 70° field angle.  
**REFLECTOR:** Alzak aluminum.  
**FOCUSING:** Rotating plastic knob on front and back.  
**FINISH:** Clear Anodized Aluminum and Maroon Powder Coat Enamel.  
**SIZE:** 8<sup>3</sup>/<sub>4</sub>" x 8<sup>3</sup>/<sub>4</sub>" x 11<sup>1</sup>/<sub>16</sub>".  
**HEAD WEIGHT:** 7<sup>1</sup>/<sub>4</sub> lbs. (w/cable)

### ACCESSORIES

- 40445 2-Way Barn Door (2 Leaf)
  - 40445A 4-Way Barn Door (4 Leaf)
  - 31344 4-Way Barn Door (8 Leaf)
  - 40437A Moledisc Diffuser Frame (5/8" dia.)
  - 23535 Molering Diffuser Frame (5/8" dia.)
  - 40438A Snoots (Set of 3)
  - 23532 Molesnoot (Five-in-one) Apertures: 1", 1<sup>3</sup>/<sub>4</sub>", 2<sup>1</sup>/<sub>8</sub>", and 2<sup>1</sup>/<sub>2</sub>"
  - 5523S Single Moledura Scrim (5/8" dia.)
  - 5523D Double Moledura Scrim (5/8" dia.)
  - 5526S Half Single Moledura Scrim (5/8" dia.)
  - 5526D Half Double Moledura Scrim (5/8" dia.)
  - G135 Scrim Bag
  - 5529 Blue Molocolor Daylight Conversion Filter
  - 500848 C-Clamp and Adapter
  - 40641A Baby Size Standard Stand
- (See Stand Section for more information & options)



Type 40445A  
4-Way  
Light Shield



Type 40437A  
Moledisc Diffuser Frame



Type 40438A  
Snoot (Set of 3)



Type G135  
Scrim Bag



Type 500848  
C-Clamp

### PERFORMANCE DATA

Type 4821 Using FRK 650 watt, 120 volt, 3200°K quartz globe.

Distance in Feet	Light Intensity F.C.		Beam Diameter* Feet	
	Maximum Flood	Minimum Spot	Maximum Flood	Minimum Spot
5	280	2,265	5.7	0.8
10	78	660	11.3	1.4
15	30	315	17.3	2.3
20	18	180	22.7	3.0

\*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.

