



Mole-Richardson Co.

TYPE 4181

10,000 WATT MOLEQUARTZ® BABY TENER SOLARSPOT®



FEATURES

Designed for Quartz Tungsten-Halogen globes. More compact and lightweight aluminum housing with high performance. 14" Fresnel condenser mounted in front opening door. Choice of Fresnel condenser: Hot Lens (narrow angle) or Cold Lens (wide angle). Accessories fit in wide diffuser clips on front door with no light obstruction. Crank handle on rear for focusing. Molecool® locking knob on yoke. Equipped with safety screen.

TYPE 4181 MOLEQUARTZ® BABY
TENER SOLARSPOT® MOUNTED ON
TYPE 418182 SENIOR SIZE STAND



2

17



Mole-Richardson Co.

TYPE 4181

10,000 WATT MOLEQUARTZ® BABY TENER SOLARSPOT®



GLOBE TABLE

Base, mogul bipost. Burn within 45° of vertical base-down. T-24 bulbs. 10¹/₂" L.C.L.

Watts	Ordering Code	Color Temp.*K	Finish	Volts	Life Hours	Amps
10,000	DTY	3200	Clear	120	300	83.3
10,000	CP83	3200	Clear	230	500	41.7

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

SPECIFICATIONS

HEAD: Type 4181. 10,000 watts.
RATING: 120/240 volts. A.C. or D.C., 83.3 amps max., 10,000 watts max.
SOCKET: G38, Mogul bipost. Spring loaded contacts.
SWITCH: 100 amp., quick-make, quick-break. Mounted in trough.
CABLE: Attached 3 ft. #4/1 Entertainment Cable with #6/1 green ground 60 amp Bates and MC258G plug. (Specify type of plug when ordering).
CONSTRUCTION: Aluminum with interlocking channels and perforated steel trough.
YOKE: Tubular aluminum and aluminum castings with removable 1¹/₈" dia. steel yoke pin.
CONDENSER: 14" dia. curved Fresnel lens of glass. Hot lens, 15° to 63° field angle. Accessory Cold lens, 36° to 78° field angle.
MIRROR: Alzak Aluminum.
FOCUSING: Hand crank at rear.
FINISH: Clear Anodized Aluminum.
SIZE: 22¹/₂" x 19" x 22¹/₂".
HEAD WEIGHT: 52¹/₂ lbs. (w/cable).

ACCESSORIES

- 418102 2-Way Barn Door (6 Leaf)
- 418104 4-Way Barn Door (12 Leaf)
- 418103 Moledisc Diffuser Frame (18¹/₂" dia.)
- 418108S Half Single Moledura Scrim (18¹/₂" dia.)
- 418108D Half Double Moledura Scrim (18¹/₂" dia.)
- 418109S Single Moledura Scrim (18¹/₂" dia.)
- 418109D Double Moledura Scrim (18¹/₂" dia.)
- G139 Scrim Bag
- 418110 Molesnoot (Five-in-one) Apertures: 3", 5", 7", 9" and 11"
- 418341 Snoots (Set of 3)
- 5001301 100 Amp Extension Cable—25 ft.
- 418348 Molecone
- 418359 Molecone Diffuser Frame (35³/₄")
- 418111 Shutter
- 418369 Shutter Box
- 418105 Molering Diffuser Frame (18¹/₂" dia.)
- 42590 10K A.C. Dimmer
- 418182 Senior Size Stand
(See Stand Section for more information & options)



Type 418104
4-Way Light Shield



Type 418103
Moledisc Diffuser Frame



Type 418110 Molesnoot (Five-in-one)



Type 42590
10K A.C. Dimmer

PERFORMANCE DATA

Using 10,000 Watt, 120 volt, 3200° K quartz globe.

Distance in Feet	Using Type 4611-H Standard Hot Lens				With Type 4611-S Accessory Cold 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	1,600	12,100	10	1.6	1,000	2,200	13	4.8
20	420	3,200	20	3.3	270	660	26	8.9
30	185	1,430	30	4.9	120	300	40	13.0
40	105	805	40	6.5	70	170	53	18.0
50	70	515	50	8.2	40	110	66	22.0
60	45	360	60	9.8	30	75	80	26.0
70	35	265	70	11.4	20	55	92	31.0
80	25	200	80	13.0	15	40	106	35.0

*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.

