

Mole-Richardson®



10,000 WATT MOLEQUARTZ® BABY TENER SOLARSPOT®

TYPE 4181

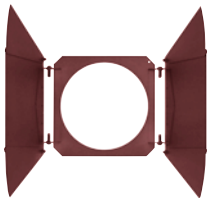


FEATURES

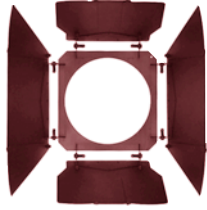
Designed for Quartz Tungsten-Halogen globes. More compact and lightweight aluminum housing with high performance. 14" Fresnel condenser mounted in front opening door. Choice of Fresnel condenser: Hot Lens (narrow angle) or Cold Lens (wide angle). Accessories fit in wide diffuser clips on front door with 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



Type 418102
2-Way Barn Door



Type 418104
4-Way Barn Door



Type 419103
Moledisc Diffuser Frame



Type 419109D
Moledura Scrim



Type 418110 Molesnoot



Type 5001301
25' 100 Amp
Extension Cable



Type 42590
10K A.C. Dimmer



Type 418348
Molecone



Type 418359
35³/₄" Frame



G139
Scrim Bag

ACCESSORIES

- 418102 2-Way Barn Door (6 Leaf)
- 418104 4-Way Barn Door (12 Leaf)
- 418103 Moledisc Diffuser Frame (18¹/₂" dia.)
- 418105 Molering Diffuser Frame (18¹/₂" dia.)
- 418106 Molequik Diffuser Frame (18¹/₂" sq.)
- 418108S Half Single Moledura Scrim—
Stainless Steel Screen (18¹/₂" dia.)
- 418108D Half Double Moledura Scrim—
Stainless Steel Screen (18¹/₂" dia.)
- 418109S Single Moledura Scrim—
Stainless Steel Screen (18¹/₂" dia.)
- 418109D Double Moledura Scrim—
Stainless Steel Screen (18¹/₂" dia.)
- 418110 Molesnoot (Five-in-one)
Apertures: 3", 5", 7", 9" and 11"
- 418341 Snoots (Set of 3)
- 5001301 25' 100 Amp Extension Cable
- 42590 10K A.C. Dimmer
- 418348 Molecone
- 418359 Molecone Frame (35³/₄")
- G139 Scrim Bag
- 418340 Scrim Box
- 418111 Shutter
- 418369 Shutter Box
- 415B Blue Molocolor Daylight
Conversion Filter
- 4182 Diffuser Holder (Barn Door Mounting)
Attaches to front of Barn Door.
Uses 18¹/₂" Accessory.
- 418107 Extension Diffuser Clips (Set of 3)
Attach to lamp diffuser clips.
Use 418146 Frame with color filter material.
- 418146 Molering Diffuser Frame (21¹/₄" dia.)
- 19210 5K–10K Socket Adapter
- 1201 C-Clamp
- 500165 Hanger Adapter
- 500350 Heavy Duty Ball Bearing C-Clamp
and Adapter Assembly
- 500353 Heavy Duty Ball Bearing C-Clamp
and Adapter Assembly

STAND SUBSTITUTIONS

- 1411 Senior Size Low
- 1571 Senior Size Sky-Hi
- 418183 Senior Size Litewater Ski-Hi

PERFORMANCE DATA

TYPE 4181 MOLEQUARTZ® BABY TENER SOLARSPOT®
Using DTY, 10,000 watt, 120 volt, 3200°K quartz globe.

Distance in Feet	With 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	
	Maximum Flood	Minimum Spot	Maximum Flood	Minimum Spot	Maximum Flood	Minimum Spot	Maximum Flood	Minimum Spot
10	1600	12100	10	1.6	1000	2200	13	4.8
20	420	3200	20	3.3	270	660	26	8.9
30	185	1430	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. Diameter listed are flat area diameters at which the intensities are approximately 50% of tabulated intensities at beam center.

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:** Mogul bipost. Spring loaded contacts.
- SWITCH:** 100 amp., quick-make, quick-break. Mounted in trough.
- CABLE:** 3 ft. #4/1 Entertainment Cable with #6/1 green ground 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.
- SIZE:** 22¹/₂" x 19" x 22¹/₂".
- FINISH:** Clear Anodized Aluminum.
- HEAD WEIGHT:** 52¹/₂ lbs.
- STAND:** Type 418182 Senior Size. Accepts 1¹/₈" dia. yoke pin.
- LOW:** 43 inches.
- HIGH:** 102³/₄ inches (2 extensions).
- FOLDED FOR STORAGE:** 48³/₄ inches.
- STAND TOP TO LIGHT CENTER:** 20¹/₂ inches.
- STAND WEIGHT:** 31 lbs.

GLOBE TABLE

TYPE 4181 MOLEQUARTZ® BABY TENER SOLARSPOT®

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

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

Mole-Richardson Co.

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