



Mole-Richardson Co.



TYPE 4171

**12,000 WATT
MOLEQUARTZ® BABY
TWELVER SOLARSPOT®**

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FEATURES

Mole-Richardson Co. is proud to introduce a new member to the Baby Fresnel Family of tungsten fixtures, the Type 4171 12,000 Watt Baby "Twelver" Solarspot. Using design characteristics from the Baby line as well as the popular 20K Big "Mo"le Fresnel, the fixture features a 17^{1/2}" lens, tilt out rear door and dramatically improved cooling. The new Baby Twelver provides an average light output increase of 45% over existing 14" Fresnels and spread that is reminiscent of the industry standard 20" 10K's found all over the world.



TYPE 4171 MOLEQUARTZ® BABY
TWELVER SOLARSPOT® MOUNTED ON
TYPE 418182 SENIOR SIZE STAND



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TYPE 4171

12,000 WATT MOLEQUARTZ® BABY TWELVER SOLARSPOT®



GLOBE TABLE

Base, mogul bipost. Burn within 45° of verticle base-down. T-24 and T-26 bulbs; 10" L.C.L.

Watts	Ordering Code	Color Temp.*K	Finish	Volts	Life Hours	Amps
10,000	DTY	3200	Clear	120	300	83.3
12,000	Q12/4CL	3200	Clear	120	300	100.0
10,000	CP83	3200	Clear	230	500	43.5
12,000	Q12/4CL	3200	Clear	230	130	52.1
12,000	Q12/4CL	3200	Clear	240	130	50.0

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



Type 41788
4-Way Light Shield



Type 41103
Moledisc Diffuser Frame



Type 42590
12K A.C. Dimmer

PERFORMANCE DATA

Using 12,000 Watt, 120 volt, 3200° K quartz globe.

Distance in Feet	Light Intensity F.C.		Beam Diameter* Feet	
	Max. Flood	Min. Spot	Max. Flood	Min. Spot
10	2,950	15,975	11.6	2.2
20	731	3,994	23.0	4.4
30	325	1,775	34.7	6.6
40	182	998	46.2	8.5
50	117	639	57.8	11.0
60	81	444	69.3	13.0
70	60	326	80.9	15.3
80	46	250	92.4	17.5

*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.

SPECIFICATIONS

HEAD: Type 4171. 12,000 watts.

RATING: 120, 230/240 volts. A.C. or D.C., 50 amps max., 12,000 watts max.

SOCKET: G38, Mogul bipost. Cam-activated friction contacts.

SWITCH: 100 amp., quick-make, quick-break. Mounted in trough.

CABLE: Attached 3 ft. #4/1 Entertainment cable with #6/1 ground and MC258G male plug.

CONSTRUCTION: Aluminum with interlocking channels and perforated steel trough.

YOKE: Tubular aluminum and aluminum castings with removable 1¹/₈" dia. steel yoke pin.

CONDENSER: 17¹/₂" dia. curved Fresnel lens of glass.

MIRROR: Alzak Aluminum.

FOCUSING: Hand crank at rear.

FINISH: Clear Anodized Aluminum.

SIZE: 39⁵/₈"(h) x 25¹/₈"(l) x 24³/₄"(w) (with yoke).

26³/₈"(h) x 25¹/₈"(l) x 24³/₄"(w) (without yoke).

HEAD WEIGHT: 60¹/₄ lbs. (w/cable).

ACCESSORIES

- 41788 4-Way Barn Door (4 Leaf)
 - 41103 Diffuser Frame (19¹/₂" dia.)
 - 417107S Half Single Moledura Scrim (19¹/₂" dia.)
 - 417107D Half Double Moledura Scrim (19¹/₂" dia.)
 - 417108S Single Moledura Scrim (19¹/₂" dia.)
 - 417108D Double Moledura Scrim (19¹/₂" dia.)
 - G20020 Scrim Bag (23")
 - 5001301 100 Amp Extension Cable—25 ft.
 - 42590 12K A.C. Dimmer
 - 418182 Senior Size Stand
- (See Stand Section for more information & options)



Tilt-out rear door for easy lamping.

