

Mole-Richardson®



2,000 WATT MOLEQUARTZ® MIGHTY-MOLE

TYPE 4091



FEATURES

Compact, focusable tungsten-halogen quartz fixture provides high intensity in a small package. For use in TV news coverage, and TV Film commercials as well as Motion Picture and Industrial films. Excellent for use in small TV studios or stages in schools and universities. Available in kits for ease in transporting by car, truck, or airplane. Extremely smooth, flat field in all positions from spot-to-flood. Uses special Aluminum Molebrite® Alzak Reflector. For use with 2,000 watt, 3200°K quartz globe. Equipped with safety screen.

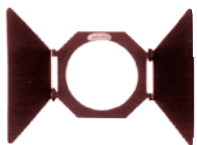


TYPE 4091 MOLEQUARTZ® MIGHTY-MOLE
MOUNTED ON TYPE 2541 COMPACT LITEWATE
BABY SIZE STAND

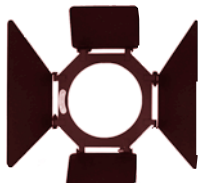




Type 4095
Accessory Holder



Type 4092
2-Leaf Light Shield



Type 4094
4-Leaf Light Shield



Type 4096 Blue Molocolor
Daylight Conversion Filter



Type 4097 Dichroic Daylight
Conversion Filter



Type 4099D Double
Moledura Scrim



Type 4098S Half Single
Moledura Scrim



Type 41245A
Diffuser Frame



Type 40913
Snoot



Type 412340
Scrim Box



Type 500141
Baby Wall Plate



Type 500179
Caster Post



Type 500565
Molevac Base Plate



Type 1201
C-Clamp



Type 500119
Hanger Adapter

ACCESSORIES

- 4095 Accessory Holder
*Needed for all light control accessories
- 4092 2-Leaf Light Shield
- 4094 4-Leaf Light Shield
- 41245A Moledisc Diffuser Frame (10¹/₈"
- 412192 Molering Diffuser Frame (10¹/₈"
- 4093 Clear Glass Assembly
- 4096 Blue Molocolor Daylight Conversion Filter
- 4097 Dichroic Daylight Conversion Filter
- 4098S Half Single Moledura Scrim—Stainless Steel Screen (10¹/₈"
- 4098D Half Double Moledura Scrim—Stainless Steel Screen (10¹/₈"
- 4099S Single Moledura Scrim—Stainless Steel Screen (10¹/₈"
- 4099D Double Moledura Scrim—Stainless Steel Screen (10¹/₈"
- 40913 Snoot (8")
- 412340 Scrim Box
- G137 Scrim Bag
- 1201 C-Clamp
- 4022 Molegator Grip
- 50073 Junior to Baby Stand Adapter
- 500119 Hanger Adapter (5/8" Spud)
- 500141 Baby Wall Plate
- 500144 Baby Stand Bracket
- 500179 Caster Post
- 500190 Baby Trombone
- 500192 Baby Stand Riser
- 500216 Baby Stand Triple Head
- 500250 Baby Stand Double Head
- 500280 Baby Wall Sled
- 500311 Right Angle Baby Spud Adapter
- 500327 Baby Spud Pole Adapter
- 500333 Cluster Hanger
- †500343 Junior to Baby Hanger Adapter
- †500403 Adjustable Hanger Group
- 500424 Telescoping Hanger Group
†Refer to Hanger Section.
- 500547 Right Angle Baby Wall Plate
- 500565 Molevac Base Plate (5/8" Spud)
- 500575 Molevac Dual-Cup Base Plate

STAND SUBSTITUTIONS

- 75 Comet Lamp Boom
- 1391 Baby Size Low
- 1581 Baby Size Sky-Hi
- 2751 Long Moleboom
- 3281 Baby Size Standard Litewate
- 40651A Baby Size Standard

KITS

- 40910 Mighty-Mole Light Kit
 - 40911 Mighty-Mole Accessory Kit
 - 40912 Two-Stand Kit
- Refer to the Kit Section.

SPECIFICATIONS

HEAD: Type 4091, 2,000 watts.
RATING: 120/240 volts, A.C. or D.C., 16.7 amps max.—2,000 watts max.
SOCKETS: Compressible single contact. (Two per globe).
CABLE: 25 ft., Type SO, 3 conductor #12 AWG. (Specify type of plug when ordering).
SWITCH: Thru-cord type in cable.
CONSTRUCTION: Solid and perforated sheet steel.
YOKE: Cast aluminum. Fits any standard 5/8" dia. stand spud or 5/8" hanger spud.
REFLECTOR: Aluminum, special Molebrite® Alzak surface.
BEAM CONTROL: Screw type knob on back of lamp.
SIZE: 9¹/₂" dia. x 11" length.
FINISH: Maroon Powder Coat Enamel
HEAD WEIGHT: 6¹/₂ lbs.
CABLE WEIGHT: 6¹/₄ lbs.
STAND: Type 2541 Compact Litewate with standard 5/8" spud.
LOW: 33¹/₂ inches.
HIGH: 92¹/₂ inches. (2 extensions).
FOLDED FOR STORAGE: 35¹/₂ inches.
STAND TOP TO LIGHT CENTER: 10¹/₈ inches.
STAND WEIGHT: 5 lbs.

GLOBE TABLE

Base, recessed single contact. Burn any position. T-6 bulb or T-8 bulb; 5⁵/₈" M.O.L.

Watts	Ordering Code	Color Temp.*K	Finish	Volts	Hours	Life Amps
2000	FEY-Q2000T8/4CL	3200	Clear	120	500	16.7
2000	FEX(2MT8Q/4CL/HV)	3200	Clear	240	300	8.3
1000	FER(1000T6Q/4CL)	3200	Clear	120	500	8.3
1000	DWT-Q1000T6/CL)	3200	Clear	120	2000	8.3

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

PERFORMANCE DATA

Using FEY-Q2000T8/4CL, 2,000 watt, 120 volt, 3200°K quartz globe.

Distance Feet	Light Intensity F.C.		Lighted Area Dimensions*—Feet			
	Max. Spot	Min. Spot	Max. Flood		Min. Spot	
	Width	Height	Width	Height	Width	Height
10	330	2500	9.8	12.5	3.2	3.2
15	145	1110	14.7	18.8	4.8	4.8
20	85	625	19.6	25.0	6.4	6.4
25	55	400	24.5	31.3	8.0	8.0
30	35	280	29.4	37.5	9.6	9.6
35	25	205	34.3	43.8	11.2	11.2
40	20	155	39.2	50.0	12.8	12.8

*Light tapers smoothly at edge of field. Diameters listed are flat area diameters at which the intensities are approximately 50% of tabulated intensities at beam center.

Mole-Richardson Co.

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