

# Mole-Richardson®



## 1,000 WATT MOLEQUARTZ® MICKEY-MOLE

### TYPE 4081



#### FEATURES

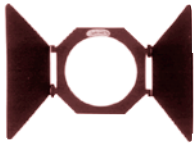
Compact, focusable tungsten-halogen quartz fixture provides high intensity in a small package. For use in TV news coverage, and TV Film commercials as well as Motion Picture and Industrial films. Excellent for use in small TV studios or stages in schools and universities. Available in kits for ease in 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 1,000 watt, 3200°K quartz globe. Equipped with safety screen.



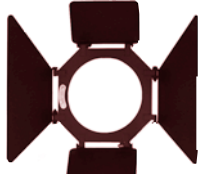
TYPE 4081 MOLEQUARTZ® MICKEY-MOLE  
MOUNTED ON TYPE 2541 COMPACT LITEWATE  
BABY SIZE STAND



Type 4085  
Accessory Holder



Type 4082  
2-Leaf Light Shield



Type 4084  
4-Leaf Light Shield



Type 4086 Blue Molocolor  
Daylight Conversion Filter



Type 4087 Dichroic Daylight  
Conversion Filter



Type 4089D Double  
Moledura Scrim



Type 4088S Half Single  
Moledura Scrim



Type 4083  
Diffuser Frame



Type 40866  
Snoot



Type 500141  
Baby Wall Plate



Type 4022  
Molegator Grip



Type 407340  
Scrim Box



Type G136  
Scrim Bag



Type 1201  
C-Clamp



Type 500119  
Hanger Adapter

## ACCESSORIES

- \*4085 Accessory Holder  
\*Needed for all light control accessories
- 4082 2-Leaf Light Shield
- 4084 4-Leaf Light Shield
- 4083 Moledisc Diffuser Frame (7<sup>3</sup>/<sub>16</sub>" dia.)
- 2838 Molerig Diffuser Frame (7<sup>3</sup>/<sub>16</sub>" dia.)
- 2839 Molequik Diffuser Frame (7<sup>3</sup>/<sub>16</sub>" dia.)
- 4086 Blue Molocolor Daylight Conversion Filter
- 4087 Dichroic Daylight Conversion Filter
- 4088S Half Single Moledura Scrim—Stainless Steel Screen (7<sup>3</sup>/<sub>16</sub>" dia.)
- 4088D Half Double Moledura Scrim—Stainless Steel Screen (7<sup>3</sup>/<sub>16</sub>" dia.)
- 4089S Single Moledura Scrim—Stainless Steel Screen (7<sup>3</sup>/<sub>16</sub>" dia.)
- 4089D Double Moledura Scrim—Stainless Steel Screen (7<sup>3</sup>/<sub>16</sub>" dia.)
- 40866 Snoot (6")
- 40893 Clear Glass Assembly
- 407340 Scrim Box
- G136 Scrim Bag
- 1201 C-Clamp
- 4022 Molegator Grip (5/8" Spud)
- 23523 5/8" to 3/8" Spud Adapter
- 50073 Junior to Baby Stand Adapter
- 500119 Hanger Adapter (5/8" Spud)
- 500141 Baby Wall Plate (4" x 6" Plate)
- 500144 Baby Stand Bracket
- 500179 Caster Post
- 500192 Baby Stand Riser
- 500216 Baby Stand Triple Head
- 500250 Baby Stand Double Head
- 500326 Gator Grip (5/8" Spud)
- 500327 Baby Spud Pole Adapter
- 500437 5/8" to 1/2" Spud Adapter
- 500547 Right Angle Baby Wall Plate
- 500565 Molevac Base Plate
- 500575 Molevac Dual-Cup Base Plate
- 500648 Molegrip (5/8" Spud)
- 500649 Molegrip Chain Wrench (5/8" Spud)
- 500650 Baby Size Furniture Clamp
- 500736 Baby Spud Bar Clamp (12")
- 500737 Baby Spud Bar Clamp (18")
- 500738 Baby Spud Bar Clamp (24")
- 500750 Baby Wall Plate (6") (3" x 6" Plate)
- 500761 Baby Spud Bar Clamp (6")
- 500764 Baby Wall Plate (18") (3" x 6" Plate)

## STAND SUBSTITUTIONS

- 75 Comet Lamp Boom
- 1391 Baby Size Low
- 1581 Baby Size Sky-Hi
- 1851 Baby Size Sky-Hi Litewate
- 2751 Long Moleboom
- 3281 Baby Size Standard Litewate
- 40651A Baby Size Standard
- 4811 Baby Size Low Compact Litewate

## SPECIFICATIONS

- HEAD:** Type 4081, 1,000 watts.
- RATING:** 120/240 volts, A.C. or D.C., 8.3 amps max.—1,000 watts max.
- SOCKETS:** Compressible single contact. (Two per globe).
- CABLE:** 25 ft., Type SO, 3 conductor #16 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:** 7 1/4" diameter by 8" long.
- FINISH:** Maroon Powder Coat Enamel
- HEAD WEIGHT:** 4 lbs.
- CABLE WEIGHT:** 2 3/4 lbs.
- STAND:** Type 2541 Compact Litewate with standard 5/8" spud.
- LOW:** 33 1/2 inches.
- HIGH:** 92 1/2 inches. (2 extensions).
- FOLDED FOR STORAGE:** 35 1/2 inches.
- STAND TOP TO LIGHT CENTER:** 8 3/8 inches.
- STAND WEIGHT:** 5 lbs.

## GLOBE TABLE

Base, recessed single contact. Burn any position. T-4 bulb or T-5 bulb; 3 3/4" M.O.L.

| Watts | Ordering Code | Color Temp. °K | Finish | Volts | Life Hours | Amps |
|-------|---------------|----------------|--------|-------|------------|------|
| 1000  | DXW           | 3200           | Clear  | 120   | 150        | 8.3  |
| 1000  | FBY           | 3200           | Frost  | 120   | 150        | 8.3  |
| 1000  | BRH           | 3350           | Clear  | 120   | 75         | 8.3  |
| 1000  | DXN           | 3400           | Clear  | 120   | 75         | 5.0  |
| 600   | FCB           | 3250           | Clear  | 120   | 75         | 5.0  |
| 500   | FGD           | 3200           | Clear  | 120   | 100        | 4.2  |

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

## PERFORMANCE DATA

Using DXW (clear), 1,000 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 |
| 4             | 1000                 | 7330      | 3.2                           | 4.2    | 1.2       | 1.1    |
| 6             | 450                  | 3350      | 5.2                           | 7.4    | 1.8       | 1.7    |
| 8             | 250                  | 1900      | 7.0                           | 9.8    | 2.4       | 2.3    |
| 10            | 160                  | 1220      | 8.8                           | 12.5   | 3.0       | 2.9    |
| 15            | 70                   | 540       | 13.7                          | 19.3   | 4.5       | 4.4    |
| 20            | 40                   | 305       | 18.2                          | 25.7   | 6.0       | 5.9    |
| 25            | 25                   | 195       | 22.8                          | 32.1   | 7.5       | 7.4    |

\*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.

## KITS

- 40878 Mickey-Mole Light Kit
  - 40877 Mickey-Mole Accessory Kit
  - 40876 Four-Stand Kit
- Refer to the Kit Section.

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