

# Mole-Richardson®



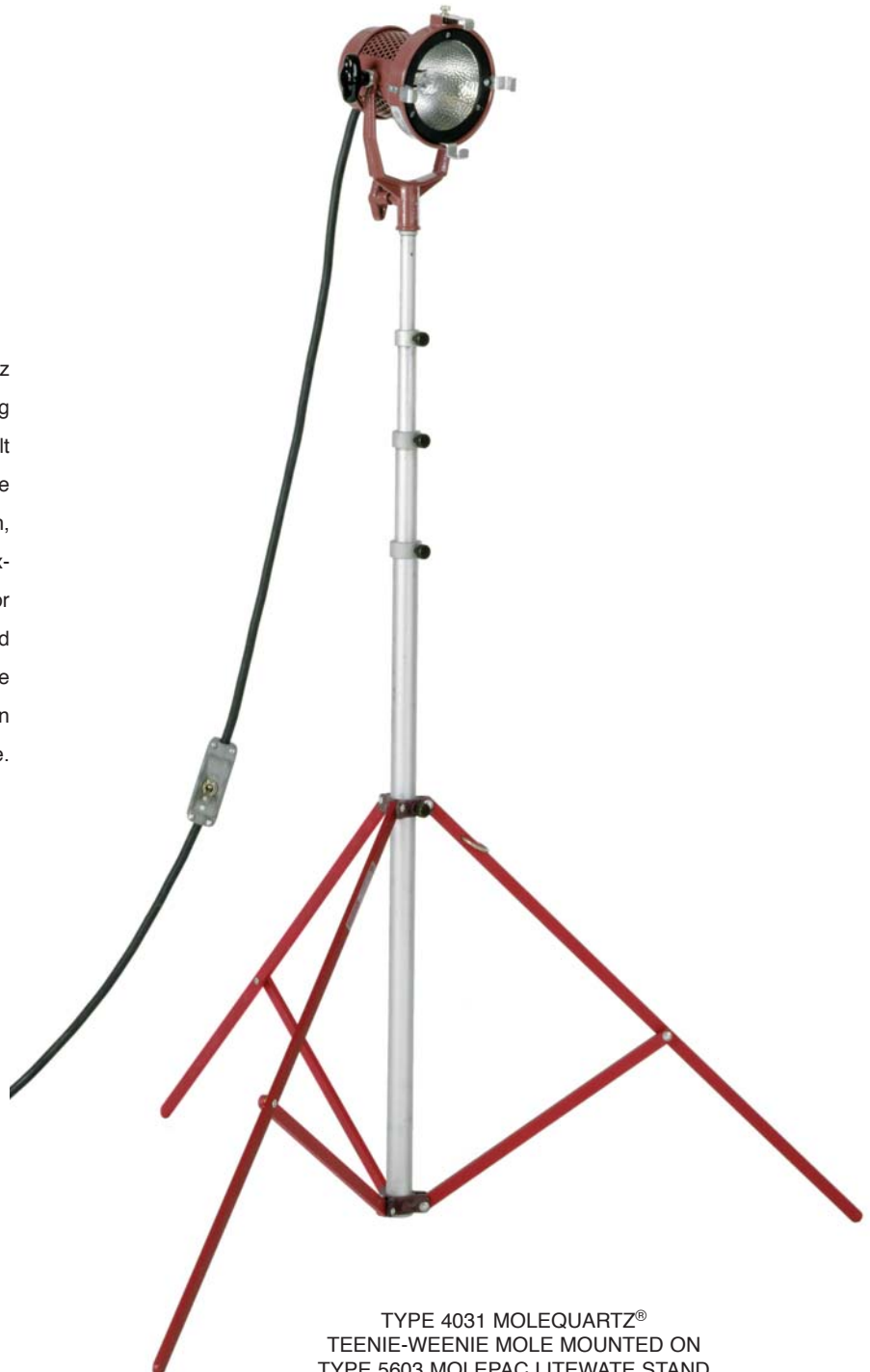
## 600 WATT MOLEQUARTZ® TEENIE-WEENIE MOLE

### TYPE 4031



#### FEATURES

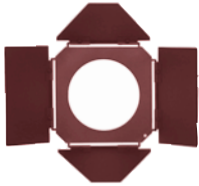
A compact, focusable tungsten-halogen quartz fixture designed especially for the traveling cameraman. For use with 600 watt, 120 volt quartz globe or 250 watt, 30 volt quartz globe with a 30 volt battery pack. Extremely smooth, flat field in all positions from spot-to-flood. Fixture may be mounted on stand or camera, or hand held. For use in TV news coverage, and TV Film commercials as well as Motion Picture and Industrial film. Available in Kits for ease in transportation by car, bus, truck or airplane. Equipped with Safety Screen.



TYPE 4031 MOLEQUARTZ®  
TEENIE-WEENIE MOLE MOUNTED ON  
TYPE 5603 MOLEPAC LITEWATE STAND



Type 4032  
2-Way Light Shield



Type 4034  
4-Way Light Shield



Type 5526S  
Half Single Moledura Scrim



Type 40437A  
Moledisc Diffuser Frame



Type 5316  
Snoot and Diffuser Holder



Type 5529 Blue Molocolor  
Daylight Conversion Filter



Type 4039  
Battery Pack Cable Adapter



Type 500824  
Molite Adapter (5/8" Spud)



Type 4022  
Molegator Grip (5/8" Spud)



Type 4035  
Handle (5/8" Spud)

## ACCESSORIES

- 4032 2-Way light Shield
- 4034 4-Way Light Shield
- 40437A Moledisc Diffuser Frame (5/8" dia.)
- 23535 Molering Diffuser Frame (5/8" dia.)
- 5523S Single Moledura Scrim—Stainless Steel Screen (5/8" dia.)
- 5523D Double Moledura Scrim—Stainless Steel Screen (5/8" dia.)
- 5526S Half Single Moledura Scrim—Stainless Steel Screen (5/8" dia.)
- 5526D Half Double Moledura Scrim—Stainless Steel Screen (5/8" dia.)
- 5529 Blue Molocolor Daylight Conversion Filter
- 4033 Clear Glass Assembly
- 4035 Handle (5/8" Spud)
- 4038 Extension Cable—15 ft.
- 4039 Battery Pack Cable Adapter
- 5316 Snoot and Diffuser Holder
- 1201 C-Clamp
- 2355 Base Plate
- 4022 Molegator Grip (5/8" Spud)
- 50073 Junior to Baby Stand Adapter
- 500119 Hanger Adapter (5/8" Spud)
- 500141 Baby Wall Plate
- 500144 Baby Stand Bracket
- 500192 Baby Stand Riser
- 500250 Baby Stand Double Head
- 500311 Right Angle Baby Spud Adapter
- 500327 Baby Spud Pole Adapter
- 500437 5/8" to 1/2" Spud Adapter
- 500547 Right Angle Baby Wall Plate
- 500565 Molevac Base Plate (5/8" Spud)
- 500736 Baby Spud Bar Clamp (12")
- 500761 Baby Spud Bar Clamp (6")
- 500824 Molite Adapter (5/8" Spud)

## SPECIFICATIONS

- HEAD:** Type 4031, 600 watts.
- RATING:** 30, 120, 220 or 240 volts, A.C. or D.C., 8.3 amps max.—650 watts max. (See Globe Table).
- SOCKET:** 2-pin prefocus.
- CABLE:** 10 ft., Type SO, 3 conductor #18 AWG with 3-prong grounding houseplug.
- 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 ASSEMBLY:** Aluminum, special Molebrite® Alzak surface.
- BEAM CONTROL:** Screw type knob on back of lamp.
- SIZE:** 6 5/8" x 5 3/4" x 8 3/4".
- FINISH:** Maroon Powder Coat Enamel.
- HEAD WEIGHT:** 1 3/4 lbs.
- CABLE WEIGHT:** 1/2 lbs.
- STAND:** Type 5603 Molepac Litewate with standard 5/8" dia. spud.
- LOW:** 27 1/4 inches.
- HIGH:** 115 1/2 inches. (3 extensions).
- FOLDED FOR STORAGE:** 29 1/8 inches.
- STAND TOP TO LIGHT CENTER:** 5 7/8 inches.
- STAND WEIGHT:** 3 lbs.

## STAND SUBSTITUTIONS

- 75 Comet Lamp Boom
- 1391 Baby Size Low
- 1581 Baby Size Sky-Hi
- 1851 Baby Size Sky-Hi Litewate
- 2541 Baby Size Compact Litewate
- 3281 Baby Size Standard Litewate
- 4811 Baby Size Low Compact Litewate
- 40651A Baby Size Standard
- 5601 Molepac Litewate
- 5602 Molepac Litewate

## GLOBE TABLE

Base, 2-pin prefocus. Burn with coil horizontal. G-6 or G-7 bulb. 1 7/16" L.C.L.

| Watts | Ordering Code    | Color Temp. °K | Finish | Volts   | Life Hours | Amps    |
|-------|------------------|----------------|--------|---------|------------|---------|
| 650   | EKD-Q650/3CL2PP  | 3400           | Clear  | 120     | 25         | 5.4     |
| 650   | DYR              | 3200           | Clear  | 220,240 | 50         | 3.0,2.7 |
| 600   | DYS-DYV/BHC      | 3200           | Clear  | 120     | 75         | 5.0     |
| 420   | EKB-Q420/4CL/2PP | 3200           | Clear  | 120     | 75         | 3.5     |
| 250   | DYG-Q250/4CL/2PP | 3400           | Clear  | 30      | 15         | 8.3     |
| 100   | EYL              | 3300           | Clear  | 12      | 50         | 8.3     |

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

## KITS

- 40310 Teenie-Weenie-Mole Kit

## PERFORMANCE DATA

Using DYS/DYV/BHC, 600 Watt  
120 Volt, 3200°K, Quartz Globe

Using DYG-Q250/4CL/2PP, 250 Watt  
30 Volt, 3400°K, Quartz Globe

| Distance Feet | 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 |
| 4             | 940                  | 3020      | 3.5                 | 1.6       | 435                  | 1680      | 3.1                 | 1.4       |
| 6             | 400                  | 1380      | 5.7                 | 2.5       | 175                  | 755       | 5.2                 | 2.1       |
| 8             | 215                  | 785       | 7.9                 | 3.3       | 90                   | 425       | 7.3                 | 2.8       |
| 10            | 135                  | 500       | 10.2                | 4.2       | 55                   | 280       | 9.1                 | 3.6       |
| 12            | 95                   | 345       | 12.3                | 5.0       | 40                   | 195       | 11.2                | 4.3       |
| 15            | 60                   | 220       | 15.6                | 6.3       | 25                   | 125       | 14.3                | 5.4       |
| 20            | 35                   | 125       | 20.8                | 8.4       | 15                   | 70        | 19.3                | 7.2       |

\*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.*

937 North Sycamore Avenue, Hollywood, California 90038-2384 U.S.A.

Tel. (323) 851-0111 Fax. (323) 851-5593 E-Mail: info@mole.com

World Wide Web: <http://www.mole.com>

©Mole-Richardson Co., Hollywood, CA



Litho in U.S.A.