



# Mole-Richardson Co.

**TYPE 4031**

## **600 WATT MOLEQUARTZ® TEENIE-WEENIE MOLE**



### **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 3631 LITEWATE KIT STAND



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**TYPE 4031**

**600 WATT  
MOLEQUARTZ®  
TEENIE-WEENIE MOLE**



**GLOBE TABLE**

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

Watts	Ordering Code	Color Temp.*K	Finish	Volts	Life Hours	Amps
650	EKD	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	3200	Clear	120	75	3.5
250	DYG	3400	Clear	30	15	8.3
100	EYL	3300	Clear	12	50	8.3

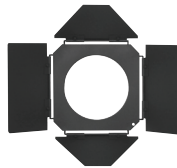
Globes not included in price of lamp.  
See price list for complete details.

**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.  
**SOCKET:** 2-pin prefocus.  
**CABLE:** Attached 10 ft., Type SO, 3 conductor #18 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 ASSEMBLY:** Aluminum, special Molebrite® Alzak surface.  
**BEAM CONTROL:** Screw type knob on back of lamp.  
**FINISH:** Maroon Powder Coat Enamel.  
**SIZE:** 6<sup>5</sup>/<sub>8</sub>" x 5<sup>3</sup>/<sub>4</sub>" x 8<sup>3</sup>/<sub>4</sub>" .  
**HEAD WEIGHT:** 2<sup>1</sup>/<sub>4</sub> lbs. (w/cable).

**ACCESSORIES**

- 4032 2-Way light Shield
- 4034 4-Way Light Shield
- 40437A Moledisc Diffuser Frame (5<sup>1</sup>/<sub>8</sub>" dia.)
- 23535 Molering Diffuser Frame (5<sup>1</sup>/<sub>8</sub>" dia.)
- 5523S Single Moledura Scrim (5<sup>1</sup>/<sub>8</sub>" dia.)
- 5523D Double Moledura Scrim (5<sup>1</sup>/<sub>8</sub>" dia.)
- 5526S Half Single Moledura Scrim (5<sup>1</sup>/<sub>8</sub>" dia.)
- 5526D Half Double Moledura Scrim (5<sup>1</sup>/<sub>8</sub>" 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
- 3631 Litewate Kit Stand (See Stand Section for more information & options)



Type 4034  
4-Way Light Shield



Type 40437A  
Moledisc Diffuser Frame



Type 5316  
Snoot and Diffuser Holder

**PERFORMANCE DATA**

Distance in Feet	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			
	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	3,020	3.5	1.6	435	1,680	3.1	1.4
6	400	1,380	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. Dimensions listed define flat area boundaries at which the intensities are approximately 50% of tabulated intensities at beam center.

