



Mole-Richardson Co.

TYPE 8011

**1,000 WATT
MOLEQUARTZ®
MOLELIPSO®**



TYPE 8011 MOLEQUARTZ® MOLELIPSO® WITH
ACCESSORY TYPE 8016 6" x 12" PC LENS TUBE
ASSEMBLY SUSPENDED BY TYPE 500356 HEAVY DUTY
BALL BEARING C-CLAMP AND ADAPTER ASSEMBLY
*Note: Lens Tube Assembly and Hanging Adapter
Assembly not included in price of lamp*

FEATURES

The Molelipso® is professionally engineered and quality built. Unsurpassed in performance, the ellipsoidal pattern light gives you: more light, sharper cut off from the blades, and precise pattern projection. Built-in free moving blades plus slot for Iris or Dip Stick for holding patterns. Easy globe replacement via swing out back.

9

1



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GLOBE TABLE

Base, medium prefocus. Burn any position.
T-5 or T-6 bulbs; 3 1/2" L.C.L.

| Watts | Ordering Code | Color Temp.°K | Finish | Volts | Life Hours | Amps |
|-------|---------------|---------------|--------|-------|------------|------|
| 1000 | EGJ | 3200 | Clear | 120 | 500 | 8.3 |
| 1000 | EGM | 3000 | Clear | 120 | 2000 | 8.3 |
| 1000 | EGJ | 3200 | Clear | 120 | 400 | 8.3 |
| 750 | EGF | 3200 | Clear | 120 | 500 | 6.3 |
| 750 | EGG | 3000 | Clear | 120 | 2000 | 6.3 |
| 750 | EGF | 3200 | Clear | 120 | 250 | 6.3 |
| 750 | EGG | 3000 | Clear | 120 | 2000 | 6.3 |

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



Type 8016 6" x 12"
PC Tube Lens Assembly
(Narrow)



Type 8012
Iris

PERFORMANCE DATA

Using EGJ (clear), 1,000 watt, 120 volt, 3200°K quartz globe.

| Distance Feet | Narrow Beam Using Type 8016 6 x 12 PC Lens Tube Assembly | | Wide Beam Using Type 8014 4 1/2 x 9 PC Lens Tube Assembly | |
|---------------|--|---------------------|---|---------------------|
| | Light Intensity F.C. | Spot Diameter* Feet | Light Intensity F.C. | Spot Diameter* Feet |
| 10 | 2,490 | 3.8 | 1,195 | 5.4 |
| 20 | 550 | 8.0 | 285 | 11.3 |
| 30 | 245 | 11.9 | 125 | 16.9 |
| 40 | 140 | 15.9 | 70 | 22.5 |
| 50 | 90 | 19.9 | 45 | 28.2 |
| 75 | 40 | 29.9 | 20 | 42.4 |
| 100 | 22 | 39.8 | — | — |

*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 8011, 1,000 Watts.

RATING: 120/240 Volts, A.C. or D.C., 8.3 amps max.—1,000 watts max.

SOCKET: Medium prefocus.

SWITCH: *Standard Fixture:* No switch. *Special Fixture:* Thru-cord type in cable.

CABLE: *Standard Fixture:* Three #12 extra flexible 36" K-Fiber leads.

Special Fixture: 25 feet, Type S, 3 conductor #16 AWG with thru-cord switch. (Specify type of plug when ordering).

CONSTRUCTION: Tempered aluminum alloy spinings, solid and perforated sheet steel.

YOKE: Tubular steel and brass castings. Accepts *Accessory Type 500827* 1 1/8" Yoke Pin Assembly or *Accessory Type 500356* C-Clamp Adapter. (Not included in price of fixture).

LENSES: Two alternate *Accessory* lens assemblies with cast aluminum diffuser clips. (Not included in price of lamp). *Accessory Type 8014*, 4 1/2" x 9" PC Lens Tube Assembly having two 4 1/2" x 9" plano-convex lenses of heat resistant glass. *Accessory Type 8016*, 6" x 12" PC Lens Tube Assembly having two 6" x 12" plano-convex lenses of heat resistant glass.

REFLECTOR: Modified ellipsoidal. Alzak aluminum.

FOCUSING: Easy action, plastic knob operates an adjustable lens tube.

APERTURE ASSEMBLY: Consists of four adjustable framing shutters of stainless steel, with insulated handles, and guides to contain either a Dip Stick (pattern holders), an Iris or Mats.

FINISH: Maroon Powder Coat Enamel.

SIZE: 27 1/8" x 10 3/4" x 10 3/4".

HEAD WEIGHTS: 16 3/4 lbs.

21 1/4 lbs. (with 4 1/2" x 9" PC Lens Assembly)

22 3/4 lbs. (with 6" x 12" PC Lens Assembly)

CABLE WEIGHTS:

6 OZS. (36 inch #12 K-Fiber leads)

3 lbs. (25 feet #16 AWG, Type SO)

ACCESSORIES

8016 6" x 12" PC Lens Tube Assembly (Narrow)

8014 4 1/2" x 9" PC Lens Tube Assembly (Wide)

8013 Dip Stick

8015 Set of 5 Mats Apertures: 1/2", 1", 1 1/2", 2", and 2 1/2".

8012 Iris (12 Leaf) Maximum aperture 3 inches diameter.

80112 Iris with Douser (18 Leaf) Maximum aperture 3 inches diameter.

8017 Set of 3 Lens Stop Discs Apertures: 1 1/2", 2 1/2", and 3 1/2".

801 Mole Pattern Series See Bulletin for complete details. Dip Stick needed for mounting.

8018 Extension Clip Assembly Used with 4 1/2" x 9" PC Lens Tube assembly to hold Diffuser Frames filled with color filter material. Shielded to prevent light kick-back from filter material).

80113 Moledisc Diffuser Frame

81861 Safety Cable

500350 C-Clamp and Adapter (For lamps having 1 1/8" dia. yoke pin).

