



Mole-Richardson Co.

TYPE 8021

**2,000 WATT
MOLEQUARTZ®
MOLELIPSO®**



TYPE 8021 MOLEQUARTZ® MOLELIPSO® WITH
ACCESSORY TYPE 8028 8" x 21" 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.



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GLOBE TABLE

Base, mogul bipost. Burn any position.
T-8 bulb; 5" L.C.L.

Watts	Ordering Code	Color Temp. °K	Finish	Volts	Life Hours	Amps
2000	BWA-Q2000/4CL/BP	3200	Clear	120	750	16.7
2000	BWA	3000	Clear	120	500	16.7

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



Type 8026 6" x 12"
PC Tube Lens Assembly
(Wide)



Type 8012
Iris

SPECIFICATIONS

HEAD: Type 8021, 2,000 Watts.

RATING: 120/240 Volts, A.C. or D.C., 16.7 amps max.-2,000 watts max.

SOCKET: Mogul Bipost. Spring loaded contacts.

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 SO, 3 conductor #14 AWG with thru-cord switch. (Specify type of plug when ordering).

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

YOKE: Tubular aluminum and aluminum

castings. Accepts *Accessory* Type 500725 1 1/8" Yoke Pin Assembly (Not included in price of fixture) or *Accessory* Type 500353 C-Clamp Adapter.

LENSES: Two alternate *Accessory* lens assemblies with cast aluminum diffuser clips. (Not included in price of lamp).

Accessory Type 8026, 6" x 12" PC Lens Tube Assembly having two 6" x 12" plano-convex lenses of heat resistant glass.

Accessory Type 8028, 8" x 21" PC Lens Tube Assembly having two 8" x 21" 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 holder), an Iris or Matts.

SIZE: 36 1/2" x 13 5/8" x 13 5/8".

FINISH: Maroon Powder Coat Enamel.

HEAD WEIGHTS: 25 1/2 lbs..

33 1/4 lbs. (with 6" x 12" PC Lens Assembly)

34 3/4 lbs. (with 8" x 21" PC Lens Assembly)

CABLE WEIGHTS:

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

6 1/2 lbs. (25 feet #14 AWG, Type SO)

ACCESSORIES

8028 8" x 21" PC Lens Tube Assembly (Narrow)

8026 6" x 12" PC Lens Tube Assembly (Wide)

8023 Dip Stick

8025 Set of 5 Matts Apertures: 1/2", 1", 1 1/2", 2", and 2 1/2".

8022 Iris (12 Leaf) Maximum aperture 4 inches diameter.

80212 Iris with Douser (18 Leaf) Maximum aperture 4 inches diameter.

8027 Set of 4 Lens Stop Discs Apertures: 2", 3", 4" and 5".

8024 Extension Clip Assembly

(Used with 6" x 12" PC Lens Tube assembly to hold Diffuser Frames filled with color filter material. Shielded to prevent light kick-back from filter material).

Moledisc Diffuser Frame

41245A Safety Cable

81861 Safety Cable

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

PERFORMANCE DATA

Using BWA 2,000 watt, 120 volt, 3200°K quartz globe.

Distance Feet	Narrow Beam Using Type 8028 8 x 21 PC Lens Tube Assembly		Wide Beam Using Type 8026 6 x 12 PC Lens Tube Assembly	
	Light Intensity F.C.	Spot Diameter* Feet	Light Intensity F.C.	Spot Diameter* Feet
10	4,400	2.8	1,980	5.3
20	1,000	6.0	460	11.2
30	430	9.5	200	17.2
40	240	12.7	115	23.1
50	155	15.8	75	28.8
75	70	23.7	35	43.2
100	40	31.7	20	57.7

*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.

