



Mole-Richardson Co.

TYPE 2831

1,000 WATT MOLEQUARTZ® BABY-BABY SOLARSPOT®



FEATURES

A compact and lightweight Solarspot® with high performance. 4¹⁵/₃₂" Fresnel Condenser mounted in front casting. For use as a key-light, back-light or kicker with a smooth even field from spot-to-flood. Ideal for use on hangers, trombones, wall sleds and wall plates on Motion Picture and Television Sets. Molecool® Paddles on front and rear for quick focusing. Top swings back for easy access to globe.

TYPE 2831 MOLEQUARTZ® BABY-BABY
SOLARSPOT® MOUNTED ON
TYPE 40651A BABY SIZE STANDARD STAND



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GLOBE TABLE

Base, medium bipost. Burn within 45° of vertical base down. T-6 bulb and T-7 bulbs; 2½" L.C.L.

Watts	Ordering Code	Color Temp. °K	Finish	Volts	Life Hours	Amps
1000	EGT	3200	Clear	120	250	8.3
750	EGR	3200	Clear	120	200	6.3
500	EGN	3200	Clear	120	100	4.2
000	FKJ	3200	Clear	240	000	00

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



Type 2834
4-Way Light Shield



Type 4083
Moledisc Diffuser Frame



Type 28310 Molesnoot (Five-in-one)



Type 283161
Molecone



Type G136
Scrim Bag

SPECIFICATIONS

HEAD: Type 2831 1,000 Watts

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

SOCKET: Medium Bipost. Spring loaded contacts.

SWITCH: Thru-cord type in cable.

CABLE: Attached 25 ft., Type SO, 3 conductor #18 AWG with 3-prong grounding houseplug. (Other plugs available upon request).

HEAD CONSTRUCTION: Solid and perforated sheet steel.

YOKE: Cast aluminum. Fits any standard 5/8" dia. stand spud or 5/8" hanger spud.

CONDENSER: 4¹⁵/₃₂" dia. Fresnel lens of glass 21° to 70° field angle.

REFLECTOR: Alzak aluminum.

FOCUSING: Easy action Molecool® Paddle type handles front and rear.

FINISH: Maroon Powder Coat Enamel and High Temperature Black.

SIZE: 9¼" x 7¾" x 8⅞".

HEAD WEIGHT: 9½ lbs. (w/cable).

ACCESSORIES

2832 2-Way Barn Door (2-Leaf)

2834 4-Way Barn Door (4-Leaf)

28314 4-Way Barn Door (8-Leaf)

4083 Moledisc Diffuser Frame (7¾" dia.)

2838 Molering Diffuser Frame (7¾" dia.)

2839 Molequik Diffuser Frame (7¾" dia.)

4088S Half Single Moledura Scrim (7¾" dia.)

4088D Half Double Moledura Scrim (7¾" dia.)

4089S Single Moledura Scrim (7¾" dia.)

4089D Double Moledura Scrim (7¾" dia.)

283161 Molecone

412157 Molecone Diffuser Frame

28310 Molesnoot (Five-In-One) Apertures: 1½", 2", 2½", 3" and 3½"

2835 Extension Clip Assembly Attaches to lamp diffuser frame. Uses 4133, 4135 or 4136 Frame with color filter material.

G136 Scrim Bag

2836 Blue Molecolor Daylight Conversion Filter

500848 C-Clamp and Adapter

40641A Baby Size Standard Stand

(See Stand Section for more information & options)

PERFORMANCE DATA

Using 1,000 Watt, 120 volt, 3200° K quartz globe.

Distance in Feet	Light Intensity F.C.		Beam Diameter* Feet	
	Max. Flood	Min. Spot	Max. Flood	Min. Spot
5	550	3,650	5.6	1.0
10	140	980	11.2	2.0
15	60	450	16.8	3.0
20	35	250	22.4	4.0
25	20	160	28.0	5.0
30	15	110	33.6	6.0

*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.

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