



Mole-Richardson Co.

TYPE 3081

**1,000 WATT
6" BABY
SOLARSPOT®**



FEATURES

The 1,000 watt Molequartz® 6" Baby Solarspot® with circular channel construction for added strength and more efficient air-flow, resulting in cooler operation. Less heat on the fixture and lower seal temperature of the globes for longer life. Paddle knobs on the front and rear for focusing from spot-to-flood for a smoother even field. For use in Motion Picture, Television and the Still Photographic Industries as a key-light, back-light or kicker. Equipped with safety screen.

TYPE 3081 1,000 WATT MOLEQUARTZ®
6" BABY COOL SOLARSPOT®
MOUNTED ON TYPE 40651A
BABY SIZE STANDARD STAND



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TYPE 3081 1,000 WATT 6" BABY SOLARSPOT®



GLOBE TABLE

Base, medium bipost. Burn within 45° of vertical base-down. T-6, T-7 T-20 or T-24 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

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

SPECIFICATIONS

HEAD: Type 3081 1,000 Watts
RATING: 120/240 volts, A.C. or D.C., 8.3 amps max.-1,000 watts max.
SOCKET: Medium Bipost.
SWITCH: Toggle switch mounted in lamp trough.
CABLE: Attached 25 ft., Type SO, 3 conductor #16/3 with 3-prong grounding houseplug. (Other plugs available upon request). (Other wiring substitutes available).
HEAD CONSTRUCTION: Rugged, light Aluminum with vertical circular interlocking channels for ventilation.
YOKE: Cast aluminum. Fits any standard 5/8" dia. stand spud or 5/8" hanger spud.
CONDENSER: 6" dia. Fresnel lens of glass 15° to 58° field angle.
REFLECTOR: Alzak aluminum.
FOCUSING: Easy action paddle-type handles front and rear.
FINISH: Clear Anodized Aluminum and Maroon Powder Coat Enamel.
SIZE: 10¼" x 11⅝" x 11½".
HEAD WEIGHT: 12¾ lbs. (w/cable)

ACCESSORIES

- 40755 2-Way Barn Door (2 Leaf)
 - 40755A 4-Way Barn Door (4 Leaf)
 - 407156 4-Way Barn Door (8 Leaf)
 - 40748A Moledisc Diffuser Frame (6⅝" dia.)
 - 40747A Snoots (Set of 3)
 - 407184 Molesnoot (Five-in-one) Apertures: 2", 2⅜", 2⅞", 3⅜", and 3½"
 - 407280S Half Single Moledura Scrim (6⅝" dia.)
 - 407280D Half Double Moledura Scrim (6⅝" dia.)
 - 407281S Single Moledura Scrim (6⅝" dia.)
 - 407281D Double Moledura Scrim (6⅝" dia.)
 - G136 Scrim Bag
 - 4131 Fresnel Condenser (Cold)
 - 407B Blue Molocolor Daylight Conversion Filter
 - 407155 Dichroic Daylight Conversion Filter
 - 500848 Heavy Duty C-Clamp and Adapter
 - 40748A Moledisc Diffuser Frame
 - 40651A Baby Size Standard Stand
- (See Stand Section for more information & options)



Type 40755A
4-Way
Light Shield



Type 40748A
Moledisc Diffuser Frame



Type 40747A
Snoot (Set of 3)



Type G136
Scrim Bag



Type 500848
C-Clamp

PERFORMANCE DATA

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

Distance in Feet	Using Type 55 Lens Standard with Lamp				Using Type 4131 Cold Lens Accessory Lens			
	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
5	700	6,320	4.3	0.8	510	1,925	5.3	1.5
10	180	1,720	8.5	1.5	130	600	10.5	2.5
15	80	770	12.8	2.2	60	290	15.8	4.0
20	45	440	17.1	3.0	30	165	21.1	5.1
25	30	280	21.3	3.8	20	105	26.2	6.4
30	20	195	25.6	4.5	15	70	31.7	7.8

*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.

