

Mole-Richardson®



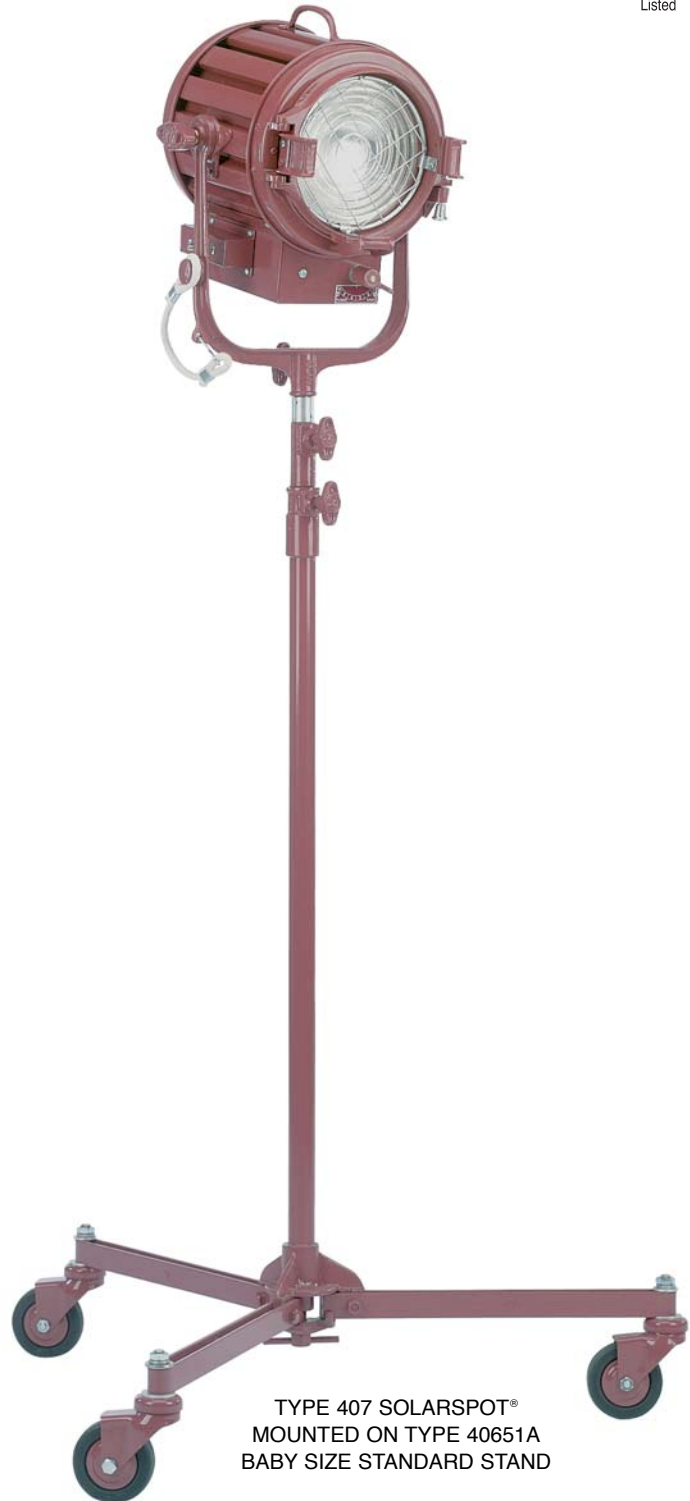
1,000 WATT BABY SOLARSPOT®

TYPE 407



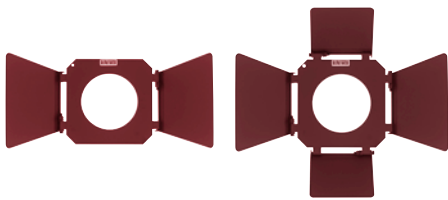
FEATURES

The Baby Solarspot® is used in basic set lighting techniques in the motion picture, television and professional photographic industries. Used as a key-light, back-light or kicker where light control with a smooth even field from spot-to-flood is essential. Equipped with a safety screen.



TYPE 407 SOLARSPOT®
MOUNTED ON TYPE 40651A
BABY SIZE STANDARD STAND

Mole®
RICHARDSON



Type 40755
2-Way Barn Door

Type 40755A
4-Way Barn Door



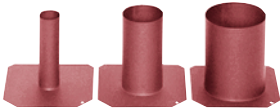
Type 407125D Half Double
Moledura Scrim



Type 407126D Double
Moledura Scrim



Type 407184 Molesnoot



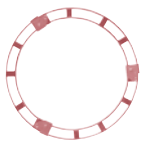
Type 40747A Snoots (Set of 3)



Type 40748A Moledisc Dif-
fuser Frame



Type 407166 Molequik
Diffuser Frame



Type 407183 Molering
Diffuser Frame



Type G136
Scrim Bag



Type 1201
C-Clamp



Type 500119
Hanger Adapter



Type 407247 with 407249
Narrow Beam Lens Accessory

ACCESSORIES

- 40755 2-Way Barn Door (2 Leaf)
- 40755A 4-Way Barn Door (4 Leaf)
- 407156 4-Way Barn Door (8 Leaf)
- 407125S Half Single Moledura Scrim—
Wire Screen (6⁵/₈" dia.)
- 407125D Half Double Moledura Scrim—
Wire Screen (6⁵/₈" dia.)
- 407126S Single Moledura Scrim—
Wire Screen (6⁵/₈" dia.)
- 407126D Double Moledura Scrim—
Wire Screen (6⁵/₈" dia.)
- 407281S Half Single Moledura Scrim—
Stainless Steel (6⁵/₈" dia.)
- 407281D Half Double Moledura Scrim—
Stainless Steel (6⁵/₈" dia.)
- 407280S Single Moledura Scrim—
Stainless Steel (6⁵/₈" dia.)
- 407280D Double Moledura Scrim—
Stainless Steel (6⁵/₈" dia.)
- 40747A Snoots (Set of 3)
- 407184 Molesnoot (Five-In-One)
Apertures: 2", 2³/₈", 2³/₄", 3¹/₈", and 3¹/₂"
- 40748A Moledisc Diffuser Frame (6⁵/₈" dia.)
- 407166 Molequik Diffuser Frame (6⁵/₈" dia.)
- 407183 Molering Diffuser Frame (6⁵/₈" dia.)
- 407340 Scrim Box
- G136 Scrim Bag
- 1201 C-Clamp
- 500119 Hanger Adapter (5/8" Spud)
- 407B Blue Molecular Daylight
Conversion Filter
- 407155 Dichroic Daylight Conversion Filter
- 4131 Fresnel Condenser (Cold)
- 505407 Shutter
- 500216 Baby Stand Triple Head
- 500250 Baby Stand Double Head
- 500403 Adjustable Hanger Group
- †500424 Telescoping Hanger Group
†Refer to Hanger Section.
- 500848 C-Clamp & Adapter

FOCAL SPOT

- 407247 Focal Spot
- 407249 Narrow Beam Lens Tube Assembly
- 407248 Wide Beam Lens Tube Assembly
- 407272 Set of 4 Mats
- 407271 Diffuser Retainer
- 407275 Complete Kit with Carrying Case
- 407378 Dip Stick
(For use in GAM "D" Patterns)

PERFORMANCE DATA

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

Distance Feet	With Type 55 Lens Standard with Lamp				With 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	6320	4.3	0.8	510	1925	5.3	1.5
10	180	1720	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. Diameter listed are flat area diameters at which the intensities are approximately 50% of tabulated intensities at beam center.

SPECIFICATIONS

- HEAD:** Type 407, 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:** 25 ft. #16/3 Type SO.
(Specify type of plug when ordering).
(Cable substitutions available upon request).
- CONSTRUCTION:** Rugged, light sheet steel
with 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.
- MIRROR:** Alzak Aluminum.
- FOCUSING:** Easy action paddle-type
handles. Front and rear.
- FINISH:** Maroon Powder Coat Enamel.
- SIZE:** 11¹/₄" x 8⁵/₈" x 10¹/₂".
- HEAD WEIGHT:** 8³/₄ lbs.
- CABLE WEIGHT:** 2¹/₂ lbs.
- STAND:** Type 40651A Baby Size Standard
with standard 5/8" spud.
- LOW:** 40 inches.
- HIGH:** 100 inches. (2 extensions)
- FOLDED FOR STORAGE:** 39 inches.
- STAND TOP TO LIGHT CENTER:** 10¹/₈ inches.
- STAND WEIGHT:** 16¹/₂ lbs.

STAND SUBSTITUTIONS

- 75 Comet Lamp Boom
- 1391 Baby Size Low
- 1581 Baby Size Sky-Hi
- 2541 Baby Size Compact Litewate
- 2751 Long Moleboom
- 3281 Baby Size Standard Litewate

GLOBE TABLE

Base, medium bipost. Burn within 45° of
vertical base-down. T-6, T-7, T-20 or T-24
bulbs; 2¹/₂" L.C.L.

Watts	Ordering Code	Color Temp.°K	Finish	Life Volts	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.

Mole-Richardson Co.

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Litho in U.S.A.