

Mole-Richardson®



1,000 WATT MOLEQUARTZ® 6" BABY MOLEPOLE SOLARSPOT®

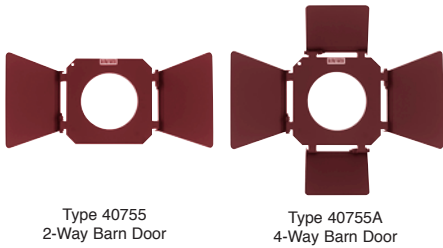
TYPE 5431



TYPE 5431 MOLEQUARTZ® 6" BABY
MOLEPOLE SOLARSPOT® SUSPENDED
BY ACCESSORY TYPE 1201 C-CLAMP

FEATURES

Molepole Solarspot® designed for pole operation, from spot-to-flood, pan and tilt, with fixture hanging on pipe. Three Molerings are provided on the fixture for acceptance of the Molepole Hook operated from floor. The blue Molerling, located on the right side of the yoke, is for panning. The white for tilt and yellow for spot-to-flood, are on the left. All with smooth positive operation. For use as a key-light, back-light or kicker. Molepoles are available in 3 ft., 6 ft. and 12 ft. lengths. Equipped with safety screen.



Type 40755
2-Way Barn Door

Type 40755A
4-Way Barn Door



Type 40748A
Moledisc Diffuser Frame



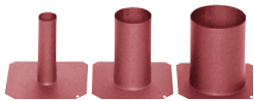
Type 407183
Molering Diffuser Frame



Type 407126D
Double Moledura Scrim



Type 407125D
Half Double Moledura Scrim



Type 40747A Snoots (Set of 3)



Type 407184 Molesnoot (Five-in-one)



Type 42080
3' Molepole



Type 1201 C-Clamp



Type 81861
Safety Cable

ACCESSORIES

- 40755 2-Way Barn Door (2 Leaf)
- 40755A 4-Way Barn Door (4 Leaf)
- 407156 4-Way Barn Door (8 Leaf)
- 40747A Snoots (Set of 3)
- 407184 Molesnoot (Five-In-One)
Apertures: 2", 2³/₈", 2¹/₄", 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.)
- 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.)
- 407340 Scrim Box
- G136 Scrim Bag
- * 407247 Mole Focal Spot
*See Focal Spot Bulletin
- 505407 Shutter
- 42080 Molepole—3 ft.
- 42081 Molepole—6 ft.
- 42082 Molepole—12 ft.
- 81861 Safety Cable
- 1201 C-Clamp
- †500403 Adjustable Hanger Group
- †500424 Adjustable Hanger Group
†Refer to Hanger Section.

PERFORMANCE DATA

TYPE 5431 MOLEQUARTZ® 6" MOLEPOLE SOLARSPOT®

Using EGT, 1,000 watt, 120 volt, 3200°K quartz globe. 2¹/₂" L.C.L.

Distance in Feet	With Type 55 Lens Standard with Lamp			
	Light Intensity F.C.		Beam Diameter* Feet	
	Maximum Flood	Minimum Spot	Maximum Flood	Minimum Spot
5	700	6320	4.3	0.8
10	180	1720	8.5	1.5
15	80	770	12.8	2.2
20	45	440	17.1	3.0
25	30	280	21.3	3.8
30	20	195	25.6	4.5

*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 5431. 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.
- HEAD WEIGHT:** 7¹/₂ lbs.
- CABLE:** 3 ft., Type SO, 3-conductor #16 AWG. (Specify type of plug when ordering.)
- CABLE WEIGHT:** 13 oz.
- CONSTRUCTION:** Rugged, light, anodized aluminum with vertical circular interlocking channels for ventilation and perforated sheet aluminum in trough.
- YOKE:** Tubular aluminum and aluminum castings into which the horizontal and vertical movement systems are integrated. ¹³/₁₆" dia. spud attaches to *Accessory* Type 1201 C-Clamp.
- CONDENSER:** 6" dia. Fresnel glass lens. 15° to 58° field angle.
- MIRROR:** Alzak Aluminum.
- FOCUSING:** Pole operation from spot-to-flood, pan and tilt.
- SIZE:** 11¹/₂" x 14¹/₂" x 15⁷/₈".
Note: Height measured from bottom of lamp to C-Clamp mounting surface.
- FINISH:** Anodized Aluminum and Maroon Powder Coat Enamel.

GLOBE TABLE

TYPE 5431 MOLEQUARTZ® 6" MOLEPOLE SOLARSPOT®

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	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.

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