

Mole-Richardson®



2,000 WATT MOLEQUARTZ® 10" JUNIOR SOLARSPOT®

TYPE 4341



FEATURES

Introducing our newly redesigned 2,000 watt Junior Solarspot, with 50% more spread than the traditional 10" Junior for greater coverage from a single fixture. The design also includes circular channel construction for added strength and more efficient airflow, resulting in cooler operation. Now that lower light levels are the norm, the high performance illumination reduces the number of fixtures needed to light a set. Ideal for basic set lighting techniques in Motion Picture, Television and the Professional Photographic Industries. The Junior Solarspot can be 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 safety screen.



TYPE 4341 JUNIOR SOLARSPOT®
MOUNTED ON TYPE 410138 JUNIOR
SIZE STANDARD STAND



Type 41256
2-Way Barn Door



Type 41256A
4-Way Barn Door



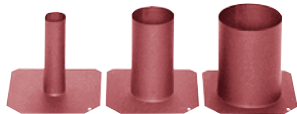
Type 200053A Moledisc
Diffuser Frame



Type 412193 Molering
Diffuser Frame



Type 412195 Molesnoot



Type 41259 Snoot



Type 412240D Half Double
Stainless Steel
Moledura Scrim



Type 412241D Double
Stainless Steel
Moledura Scrim



Type G138
Scrim Bag



Type 419340
Scrim Box



Type 500350
Heavy Duty Ball Bearing C-Clamp

ACCESSORIES

- 41256 2-Way Barn Door (2 Leaf)
- 41256A 4-Way Barn Door (4 Leaf)
- 412137 4-Way Barn Door (8 Leaf)
- 200053A Moledisc Diffuser Frame (12" dia.)
- 412193 Molering Diffuser Frame (12" dia.)
- 412149 Molequik Diffuser Frame (12" sq.)
- 41259 Snoot (Set of 3)
- 412195 Molesnoot (Five-in-one)
Apertures: 3", 4", 5", and 7".
- 412240S Half Single Moledura Scrim—
Stainless Steel Screen (12" dia.)
- 412240D Half Double Moledura Scrim—
Stainless Steel Screen (12" dia.)
- 412241S Single Moledura Scrim—
Stainless Steel Screen (12" dia.)
- 412241D Double Moledura Scrim—
Stainless Steel Screen (12" dia.)
- 419340 Scrim Box
- G138 Scrim Bag
- 81861 Safety Cable
- 412B Blue Molocolor Daylight
Conversion Filter
- 412136 Dichroic Daylight Filter
- 507412 Shutter
- 1201 C-Clamp
- 1671 Junior Extension Arm
- 1721 Junior Wall Plate
- 1731 Junior Trombone
- 500114 Stand Extension
- 500152 Junior Stand Bracket
- 500165 Hanger Adapter
- 500182 Hanger Adapter
- 500191 Junior Wall Sled
- 500229 Set Wall Bracket
- 500287 Bazooka
- 500305 Trapeze
- 500350 Heavy Duty Ball Bearing C-Clamp
and Adapter Assembly
- 500353 Heavy Duty Ball Bearing C-Clamp
and Adapter Assembly
- † 500403 Adjustable Hanger Group
- † 500424 Telescoping Hanger Group
†Refer to Hanger Section
- 500429 Stirrup

STAND SUBSTITUTIONS

- 1411 Junior Size Low
- 1561 Junior Size Sky-Hi
- 500476 Junior Size Litewate
- 500557 Junior Size Litewate Location—
less casters
- 500563 Junior Size Litewate Location—
with casters
- 500791 Junior Size Sky-Hi Litewate
Location— less casters
- 500801 Junior Size Sky-Hi Litewate
Location—with casters

SPECIFICATIONS

- HEAD:** Type 4341, 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:** Toggle switch mounted in lamp trough.
- CABLE:** 25 feet, Type SO, 3 conductor #12 AWG
(when ordering specify type of plug required.)
- CONSTRUCTION:** Aluminum with vertical
circular interlocking channels for ventilation.
- YOKE:** Cast aluminum with removable 1 1/8"
steel yoke pin.
- CONDENSER:** 9 7/8" dia. Fresnel lens of Pyrex
glass. 20° to 55° field angle.
- MIRROR:** Alzak aluminum.
- FOCUSING:** Rotating plastic knobs.
Front and rear.
- SIZE:** 16 1/8" x 14 1/4" x 16 1/2".
- FINISH:** Clear Anodized Aluminum/Maroon
Powder Coated Enamel.
- HEAD WEIGHT:** 22 1/2 lbs.
- CABLE WEIGHT:** 5 lbs.
- STAND:** Type 410138 Junior Size Standard.
Accepts 1 1/8" dia. yoke pin.
- LOW:** 43 inches.
- HIGH:** 100 inches (2 extensions)
- FOLDED FOR STORAGE:** 39 7/8 inches.
- STAND TOP TO LIGHT CENTER:** 14 1/2 inches.
- STAND WEIGHT:** 25 lbs.

GLOBE TABLE

TYPE 4341 10" JUNIOR SOLARSPOT®

Base, mogul bipost. Burn within 45° of vertical
base-down. T-7, T-8, T-9 1/2, 5" L.C.L.

Watts	Ordering Code	Color Temp. °K	Finish	Volts*	Life Hours	Amps
2000	CYX	3200	Clear	120	250	16.7
1500	CXZ	3200	Clear	120	300	12.5
1000	CVV	3200	Clear	120	200	8.3

Globes not included in price of lamp.

See price list for complete details.

PERFORMANCE DATA

TYPE 4341 10" JUNIOR SOLARSPOT®

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

Distance Feet	Light Intensity F. C.		Beam Diameter* Feet	
	Max. Flood	Min. Spot	Max. Flood	Min. Spot
10	440	3920	13.3	1.6
15	196	1745	19.9	2.5
20	110	1000	26.5	3.4
25	70	640	33.1	4.3
30	49	445	39.8	5.1
35	36	330	46.4	6.0
40	28	250	53.0	6.8
45	22	200	59.6	7.7

*Light tapers smoothly at edge of field. Diameters listed are
flat area diameters at which the intensities are approximately
50% of tabulated intensities at beam center.

Mole-Richardson Co.

937 North Sycamore Avenue, Hollywood, California 90038-2384 U.S.A.

Tel. (323) 851-0111 Fax. (323) 851-5593 E-Mail: info@mole.com

World Wide Web: <http://www.mole.com>

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