

Mole-Richardson®



5,000 WATT SENIOR SOLARSPOT®

TYPE 415



FEATURES

For basic set lighting techniques in Motion Picture, Television and the 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.

Mole®
RICHARDSON

TYPE 415 SENIOR SOLARSPOT®
MOUNTED ON TYPE 41494
SENIOR SIZE STAND



Type 41560
2-Way Barn Door

Type 41560A
4-Way Barn Door



Type 41548A Moledisc
Diffuser Frame



Type 415146 Molering
Diffuser Frame



Type 415147 Molesnoot



Type 41590D Half Double
Moledura Scrim



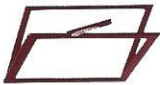
Type 41591D Double
Moledura Scrim



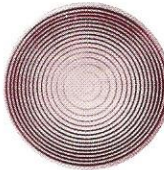
Type 415340 Scrim Box



Type 415B Blue Molocolor
Daylight Conversion Filter



Type 415131 Molequik
Diffuser Frame



Type 38592 Fresnel
Condenser (Hot)



Type 1201 C-Clamp



Type 500165
Hanger Adapter

ACCESSORIES

- 41560 2-Way Barn Door (6 Leaf)
- 41560A 4-Way Barn Door (8 Leaf)
- 415121 4-Way Barn Door (8 Leaf)
- 41548A Moledisc Diffuser Frame
- 415131 Molequik Diffuser Frame
- 415146 Molering Diffuser Frame
- 41549A Snoot (Set of 3)
- 415147 Molesnoot (Five-in-one)
Apertures: 3", 5", 7", 9" and 11".
- 415340 Scrim Box
- 41590S Half Single Moledura Scrim—
Wire Screen
- 41590D Half Double Moledura Scrim—
Wire Screen
- 41591S Double Moledura Scrim—
Wire Screen
- 41591D Double Moledura Scrim—
Wire Screen
- 415B Blue Molocolor Daylight
Conversion Filter
- 415120 Dichroic Daylight Conversion Filter
- 38592 Fresnel Condenser (Hot)
- 514 Shutter
- 1861 Iris
- 1921 5KW to 2KW Socket Adapter
- 1201 C-Clamp
- 81861 Safety Cable
- 500114 Stand Extension
- 500165 Hanger Adapter
- 500182 Hanger Adapter
- 500229 Set Wall Bracket
- 500288 Telescoping Hanger
- 500300 Senior Wall Sled
- 500350 Heavy Duty Ball Bearing C-Clamp
and Adapter Assembly
(For lamps having 1 1/8" dia. yoke pin)
- 500353 Heavy Duty Ball Bearing C-Clamp
and Adapter Assembly
(Replaces flat end yoke pin)
- ‡500403 Adjustable Hanger Group
- ‡500424 Telescoping Hanger Group
‡Refer to Hanger Section.

STAND SUBSTITUTIONS

- 1411 Junior Size Low
- 1571 Senior Size Sky-Hi
- 5611 Senior Size Long Leg
- 500572 Folding Crank-up Litewate
- 500620 Folding Litewate

PERFORMANCE DATA

Using DPY 5,000 watt, 120 volt, 3200°K quartz globe.

Distance Feet	With Type 414 Standard Lens				With Type 38592 Hot Lens			
	Light Intensity FC		Beam Diameter* Feet		Light Intensity FC		Beam Diameter* Feet	
	Maximum Flood	Minimum Spot	Maximum Flood	Minimum Spot	Maximum Flood	Minimum Spot	Maximum Flood	Minimum Spot
10	760	5380	8.8	1.5	1000	6500	7.7	1.7
15	280	2600	13.5	2.3	440	2945	11.4	2.6
20	160	1500	18.5	3.0	250	1660	15.5	3.7
25	100	960	22.9	3.8	160	1060	19.3	4.6
30	70	665	27.5	4.6	110	740	23.2	5.5
40	40	375	36.6	6.1	65	415	30.9	7.3
50	25	240	45.8	7.6	40	265	38.7	9.2
60	15	165	55.0	9.1	30	185	46.4	11.0

*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 415. 5,000 watts.
- RATING:** 120/240 volts, A.C. or D.C.,
41.6 amps max., 5,000 watts max.
- SOCKET:** Mogul Bipost. Spring loaded contacts.
- SWITCH:** 60 amp., 125 volt heavy-duty
double pole, snap action. Mounted in trough.
- CABLE:** Attached 25 ft., 3-wire #8/3 SO
with switch and choice of plug.
- CONSTRUCTION:** Rugged, light sheet steel
with interlocking channels for ventilation.
- YOKE:** Tubular steel and brass castings
with removable 1 1/8" dia. steel yoke pin.
- CONDENSER:** 14" dia. curved Fresnel lens of
glass. Cold lens, 16° to 60° field angle.
- Accessory—**Hot lens, 18° to 53° field angle.
- MIRROR:** Alzak Aluminum.
- FOCUSING:** Easy action paddle-type.
- SIZE:** 23 1/2" x 18 7/8" x 21 7/8".
- FINISH:** Maroon Powder Coat Enamel.
- WEIGHT:** 65 1/2 lbs.
- STAND:** Type 41494 Senior Size Standard.
Accepts 1 1/8" dia. yoke pin.
- LOW:** 43 inches.
- HIGH:** 100 inches (2 extensions).
- FOLDED FOR STORAGE:** 42 inches.
- STAND TOP TO LIGHT CENTER:** 21 3/4 inches.
- WEIGHT:** 37 lbs.

CABLE SUBSTITUTIONS

- TV 3-wire model.
- Three #6/1 "K" fiber leads,
3 ft. long less switch and choice of plug.

GLOBE TABLE

Base, mogul bipost. Burn base-down to
horizontal. T-17, T-20, T-64 and G-64
bulbs. 6 1/2" L.C.L.

Watts	Ordering Code	Color Temp. °K	Finish	Volts	Life Hours	Amps
5000	DPY	3200	Clear	120	425	41.6
5000	ECN	3200	Clear	120	150	41.6
5000	EDN	3200	Clear	120	75	41.6

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

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