

Mole-Richardson®



6,000 WATT HMI MOLEPAR®

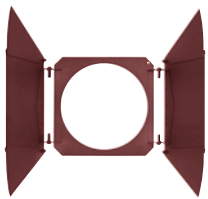
TYPE 6401

FEATURES

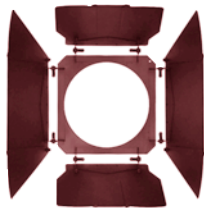
The new litewate 6,000 watt HMI single-ended globe at just 39 lbs. makes for easy handling for large indoor and outdoor sets where daylight illumination is required. Four separate lenses are available for varied lighting applications. The new socket design allows for variable focus Narrow Beam, Medium, Wide and Extra Wide Flood. Instant lamp restrike. Equipped with safety screen.



TYPE 6401 HMI MOLEPAR® MOUNTED
ON TYPE 500557 JUNIOR SIZE
LITEWATE LOCATION STAND



Type 41560
2-Way Barn Door



Type 41560A
4-Way Barn Door



Type 64031
Wide Lens Assembly



Type 415172D Double
Moledura Scrim



Type 64055
Specular Intensifier



Type 64043
50' Head Cable

ACCESSORIES

- 6285 Standard Magnetic Ballast
- 64043 Head Cable – 50 ft.
- 64029 Narrow Lens Assembly
- 64030 Medium Lens Assembly
- 64031 Wide Lens Assembly
- 64032 Extra Wide Lens Assembly
- 64052 Lens Box
- 64069 25' Cable Assembly
- 64070 6K/12K Ballast
- 41560 2-Way Barn Door (2 Leaf)
- 41560A 4-Way Barn Door (6 Leaf)
- 415146 Molering Diffuser Frame (15½")
- 41548A Moledisc Diffuser Frame (15½")
- 415171S Half Single Moledura Scrim–
Stainless Steel (15½")
- 415171D Half Double Moledura Scrim–
Stainless Steel (15½")
- 415172S Single Moledura Scrim–
Stainless Steel (15½")
- 415172D Double Moledura Scrim–
Stainless Steel
- 415340 Scrim Box
- G139 Scrim Bag
- 64055 Specular Intensifier
- 64056 Diffuse Intensifier
- 415147 Molesnoot (Five-in-one)
- 514 Shutter
- 500350 Heavy Duty Ball Bearing C-Clamp
and Adapter Assembly.
- 81861 Safety Cable

STAND SUBSTITUTIONS

- 1411 Senior Size Low
- 418181 Senior Size Litewater Low
- 418182 Senior Size Litewater Standard

GLOBE TABLE

TYPE 6401 HMI MOLEPAR® Base – bipost,
G38. Burn any position. 8¼" L.C.L.

Watts	Ordering Code	Color Temp.*K	Volts	Life Hours	Amps
6000	6000W/SE	5600°K	125	300	55
6000	DIS-60H	5600°K	125	300	55

*The average color temperature decrease during life is .5°K-1°K per hour of operation. Globes not included in price of lamp. See price list for complete details.

PERFORMANCE DATA

TYPE 6401 HMI MOLEPAR® Using 6,000 watt, W/SE 5600°K HMI lamp. 8¼" L.C.L.

Lens Used	20 Feet		30 Feet		40 Feet		50 Feet		75 Feet		100 Feet		150 Feet		200 Feet	
	F.C.	Beam Dia. Feet	F.C.	Beam Dia. Feet	F.C.	Beam Dia. Feet	F.C.	Beam Dia. Feet	F.C.	Beam Dia. Feet	F.C.	Beam Dia. Feet	F.C.	Beam Dia. Feet	F.C.	Beam Dia. Feet
No Lens	25,200	2.9	11,200	4.3	6,300	5.7	4,032	7.2	1,792	10.7	1,008	14.3	448	21.5	252	28.7
Narrow Spot	8,100	5.3	3,600	8.0	2,025	10.6	1,296	13.3	576	20.0	324	26.4	144	40.0	81	53.3
Medium	4,950	10.0	2,200	15.0	1,238	20.0	792	25.0	352	37.5	198	50.0	88	75.0	50	100.0
Wide	2,475	19.6	1,100	29.4	619	39.2	396	49.0	176	73.5	99	98.0	44	147.0	25	196.0
Extra Wide	900	22.7	400	34.0	225	45.3	144	56.7	64	85.0	36	113.3	16	170.0	9	226.7

*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.

SPECIFICATIONS

HEAD: Type 6401, 6,000 watts.

RATING: Operating voltage 120 volt A.C., 50-60 Hz., 65 amps max.

SOCKET: Type 63295. Heavy-duty electrical grade porcelain body with friction type bipost brass inserts.

CONTROL SWITCHES: ON and OFF push-button switches mounted on rear of fixture allow fixture to be re-ignited when hot.

HEAD CONSTRUCTION: Solid and perforated aluminum.

YOKE: Steel tubing with aluminum trunion castings and 1⅛" steel yoke pin.

REFLECTOR: Highly polished Alzak plated parabolic reflector.

BEAM CONTROL: 4 accessory lens assemblies. Narrow Spot, Medium, Wide and Extra Wide Flood create oval beam pattern that may be rotated within the diffuser clips for vertical or horizontal beam orientation.

SIZE: 31" x 9¼" x 19".

FINISH: Clear Anodized Aluminum.

WEIGHT: 39 lbs.

CABLE: Accessory Type 64043. Detachable, 50 ft., Neoprene jacket, 7-conductor, 2 #4 AWG, 1 #6 and 4 #16 AWG, with interlocking "Veam" type connectors.

WEIGHT: 30 lbs.

STANDARD MAGNETIC BALLAST:

Accessory Type 6285.

RATING: Input–120 volts, A.C. single-phase, 60 Hz., 65 amps max.

CONTROL SWITCHES: ON and OFF push-button switches mounted on ballast control panel allow fixture to be re-ignited when hot.

CIRCUIT PROTECTION: Double pole circuit breaker and red indicator light.

BALLAST WEIGHT: 175 lbs.

CABLE: Type 6287. Detachable 25 ft., Type SO, 3-conductor, #4 GA. (Specify type of plug when ordering).

CABLE WEIGHT: 38 lbs.

CONSTRUCTION: Solid and perforated sheet aluminum with steel cart.

FINISH: Maroon Powder Coat Enamel.

SIZE: 26" x 22½" x 15".

STAND: Type 500557 Junior Size Location.

LOW: 54½ inches.

HIGH: 190½ inches.

FOLDED FOR STORAGE: 61½ inches.

STAND TOP TO LIGHT CENTER: 20 inches.

STAND WEIGHT: 14 lbs.

Mole-Richardson Co.

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