

Mole-Richardson®



575 WATT HMI MOLEPAR®

TYPE 6491

FEATURES

A highly efficient compact source of daylight using a 575 watt HMI single ended globe. Four separate lenses are available, Extra Wide, Wide, Medium and Narrow Beam for varied lighting applications. A new lightweight, solid state, electronic, 90-260 volt A.C. 200/575 watt ballast is available for the 575 watt HMI Molepar®. Weighing only 10 lbs., this portable ballast makes for easy transportation. Head equipped with safety screen



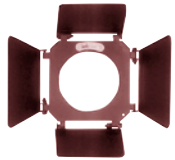
TYPE 6491 HMI MOLEPAR® MOUNTED ON
TYPE 3621 HUSKY BABY STAND WITH
TYPE 64970 200/575 WATT A.C. MOLELECTRONIC
SQUAREWAVE BALLAST (120/240) AND
TYPE 64963 25' HEAD CABLE



Type 63765
575W/1,200W
Squarewave Ballast



Type 64970
200W/575W
Squarewave Ballast



Type 64969
4-Way Barn Door



Type 64963
25' Head Cable



Type 64966
Wide Lens Assembly



Type 4139D
Double Moledura Scrim

ACCESSORIES

- 64970 200W/575W Electronic AC SquareWave Ballast (10 lbs.)
- 63765 575W/1200W Electronic AC SquareWave Ballast (17 lbs.)
- 6158 575W/1200W Electronic AC/DC SquareWave Ballast (31 lbs.)
- 6145 575W Standard Magnetic Ballast (60 lbs.)
- 64963 25 ft. Head Cable
- 64953 50 ft. Head Cable
- 614152 Veam to Cannon Ballast Adapter (Used to adapt 6158 and 6145 ballasts to 64963 and 64953 cable assembly.)
- 64964 Narrow Lens Assembly
- 64965 Medium Lens Assembly
- 64966 Wide Lens Assembly
- 64967 Extra Wide Lens Assembly
- 64968 Lens Box
- 64969 4-Way Barn Door
- 4133 Moledisc Diffuser Frame (9" dia.)
- 4135 Molering Diffuser Frame (9" dia.)
- 4138S Half Single Moledura Scrim—Stainless Steel (9" dia.)
- 4138D Half Double Moledura Scrim—Stainless Steel (9" dia.)
- 4139S Single Moledura Scrim—Stainless Steel (9" dia.)
- 4139D Double Moledura Scrim—Stainless Steel (9" dia.)
- 412340 Scrim Box
- G137 Scrim Bag
- 41311 Shutter
- 5815 Moleded Case

SPECIFICATIONS

HEAD: Type 6491, 575 watts.
RATING: Operating voltage 115 Volts A.C., 50-60 Hertz, 7 Amps max.
SOCKET: Heavy duty electrical grade porcelain body with friction type medium bi-post GY 22 inserts.
CONTROL SWITCHES: ON and OFF push-button switches mounted on rear of fixture; may be re-ignited when hot.
SAFETY SWITCHES: Interlock micro-switch on front door. Shuts off power to globe socket if door is open. Globe cannot be turned on until door is closed.

GLOBE TABLE

TYPE 6491 HMI MOLEPAR® Base—Bipost, G22; Burn any position; 2³/₄" L.C.L.

Watts	Ordering Code	Color Temp. °K	Volts	Life Hours	Amps
575	MSR575	5600	115	500	7

*The average color temperature decrease during life is .5°K-10°K per hour of operation. Globes not included in price of lamp. See price list for complete details.

PERFORMANCE DATA

TYPE 6491 HMI MOLEPAR®
Using 575 Watt, MSR575 5600°K HMI Lamp.

Lens Used	20 Foot Distance		30 Foot Distance		40 Foot Distance		50 Foot Distance		75 Foot Distance		100 Foot Distance		150 Foot Distance		200 Foot Distance	
	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	3216	2.4	1429	3.7	804	4.8	515	6.1	229	9.1	129	12.2	57	18.3	32	24.5
Very Narrow Spot	1103	4.1	490	6.1	275	8.1	176	10.1	78	15.2	44	20.3	20	30.4	11	40.5
Narrow Spot	613	5.2	272	7.8	153	10.5	98	13.1	44	19.7	25	26.3	11	39.4	6	52.7
Wide Flood	245	16.7	109	25.2	61	33.5	39	42.0	17	62.9	9.8	83.9	4	125.8	3	168
Extra Wide Flood	92	28.6	41	42.8	23	57.1	15	71.4	7	107.0	4	143.0	2	214.0	1	285

*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 (cont'd.)

HEAD CONSTRUCTION: Solid and perforated aluminum.
YOKE: Cast Aluminum to accept 5/8" dia spud.
REFLECTOR: Highly polished alzak plated Parabolic reflector.
SIZE: 20" x 9 1/2" x 17 1/2"
FINISH: Clear Anodized Aluminum.
HEAD WEIGHT: 10 lbs.
BEAM CONTROL: Accessory Types 64964, 64965, 64966, 64967. Four Accessory Lens Assemblies from narrow spot to extra wide flood. The oval beam pattern created by the lenses may be rotated within the diffuser clips for vertical or horizontal beam orientation.
CABLE: Accessory Type 64963 Detachable, 25 feet, Type SO, 7 conductor, #13 GA with male and female interlocking "Veam" type connectors.
CABLE WEIGHT: 6 lbs.
ELECTRONIC 200/575W AC SQUAREWAVE BALLAST: Accessory Type 64970
RATING: Input—90-260 Volts A.C. 50 or 60 Hertz, 10 Amps max.
CONTROL SWITCHES: ON and OFF push-button switches mounted on Ballast control panel; may be re-ignited when hot.
CIRCUIT PROTECTION: Single Pole circuit breaker.
CABLE: 5 ft., Attached to Ballast.
CONSTRUCTION: Solid and perforated sheet aluminum.
FINISH: Anodized Aluminum.
SIZE: 6 1/4" x 11" x 7"
BALLAST WEIGHT: 10 lbs. (Including cable).
ELECTRONIC 575/1,200W AC SQUAREWAVE BALLAST: Accessory Type 63765
RATING: Input—95-260 Volts A.C. single phase, 60 Hertz, 15 Amps max.
CONTROL SWITCHES: ON and OFF push-button switches mounted on Ballast control panel; may be re-ignited when hot.
CIRCUIT PROTECTION: Single pole circuit breaker.
CABLE: Attached 5 ft., Type SO, #12 AWG 3-conductor. (Specify type of plug when ordering).
CONSTRUCTION: Solid and perforated sheet aluminum.
FINISH: Anodized Aluminum.
SIZE: 7" x 9" x 12".
BALLAST WEIGHT: 17 lbs. (Including cable).
STAND: Type 3621 Husky Baby.
LOW: 36 inches.
HIGH: 90 3/8 inches (Two Risers).
FOLDED FOR STORAGE: 35 1/2 inches.
STAND TOP TO LIGHT CENTER: 11 1/4 inches.
STAND WEIGHT: 6 lbs.

STAND SUBSTITUTIONS

- 3641 Super Husky Baby Stand
- 1391 Baby Size Low
- 40651A Baby Size Standard
- 1581 Baby Size Sky-Hi

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