

Mole-Richardson®



200 WATT HMI MOLEPAR®

TYPE 6411

FEATURES

A highly efficient compact source of daylight using a 200 watt HMI single ended globe. Four separate lenses are available: Extra Wide, Wide, Medium and Narrow Beam for varied lighting applications. At only 5 lbs. a new lightweight, solid state electronic 90 to 260 volt A.C. ballast is now available for the 200 watt HMI Molepar®. Also available is a 4 lb. portable, lightweight 30 volt D.C. ballast for locations where A.C. power is not available.



TYPE 6411 HMI MOLEPAR® MOUNTED ON
TYPE 3631 LITEWATE KIT STAND WITH
TYPE 64130 200 WATT AC MOLELECTRONIC
SQUAREWAVE BALLAST
AND TYPE 64129 25' EXTENSION CABLE



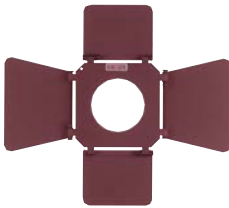
Type 64130
200W
SquareWave Ballast (5 lbs.)



Type 64160
30 volt DC 200W
Electronic Ballast (4lbs.)



Type 64141
25' Head Cable



Type 64149
4-Way Barn Door



Type 64158
Wide Lens Assembly



Type 407280D
Double Moledura Scrim

ACCESSORIES

- 64130 200W Electronic AC Square Wave Ballast (5 lbs.)
- 64160 30V DC 200W Electronic Ballast (4 lbs.)
- 64141 Head Cable—25 ft.
- 64156 Narrow Lens Assembly
- 64157 Medium Lens Assembly
- 64158 Wide Lens Assembly
- 64159 Extra Wide Lens Assembly
- 64148 Lens Box
- 64149 4-Way Barn Door
- 40748A Moledisc Diffuser Frame (6⁵/₈" dia.)
- 407183 Molering Diffuser Frame (6⁵/₈" dia.)
- 407281S Half Single Moledura Scrim—Stainless Steel (6⁵/₈" dia.)
- 407281D Half Double Moledura Scrim—Stainless Steel (6⁵/₈" dia.)
- 407280S Single Moledura Scrim—Stainless Steel (6⁵/₈" dia.)
- 407280D Double Moledura Scrim—Stainless Steel (6⁵/₈" dia.)
- 407340 Scrim Box
- G136 Scrim Bag
- 407181 Safety Cable
- 5814 Moleded Case

STAND SUBSTITUTIONS

- 4811 Baby Size Low Compact Litewate
- 2541 Baby Size Compact Litewate
- 1851 Baby Size Sky-Hi Litewate

SPECIFICATIONS

HEAD: Type 6411, 200 watts.
RATING: Operating voltage 120 volt AC 5 amp max.
SOCKET: 2-pin prefocus heavy duty electrical grade porcelain body with nickel contacts
CONTROL SWITCHES: ON and OFF push button switches mounted on rear of fixture; may be reignited when hot.
SAFETY SWITCHES: Interlock microswitch on front door. Shuts off power to globe socket if door is open. Globe cannot be turned on until door is closed.
HEAD CONSTRUCTION: Solid and perforated aluminum.
YOKE: Cast Aluminum to accept 5/8" dia. spud.
REFLECTOR: Highly polished alzak plated Parabolic reflector.

SPECIFICATIONS (cont'd.)

SIZE: 14 1/4" x 6 1/2" x 12 1/2"
FINISH: Silver Anodized.
HEAD WEIGHT: 4 lbs.
LENS BEAM CONTROL: Accessory Types 64156, 64157, 64158, 64159. 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 64129 Detachable, 25 Ft., Type SO, 7 conductor, GA with male and female interlocking "Veam" type connectors.
CABLE WEIGHT: 5 lbs.
ELECTRONIC 200W AC SQUAREWAVE BALLAST: Accessory Type 64130
RATING: Input—90 to 260 Volts AC., 50 or 60 Hz 5 amps max.
CONTROL SWITCHES: ON and OFF push-button switches mounted on Ballast control panel. May be reignited when hot.
CIRCUIT PROTECTION: Single pole circuit breaker.
CABLE: 5 ft., Attached to Ballast.
CONSTRUCTION: Solid and slotted sheet aluminum.
FINISH: Anodized Aluminum.
SIZE: 6³/₈" x 9³/₄" x 4 1/2".
BALLAST WEIGHT: 5 lbs.
ELECTRONIC 30V DC BALLAST: Accessory Type 64160.
RATING: Input—24-32 volts D.C. only, 60 hertz, 7 amps max.
SWITCH: Thru-cord type in cable.
CIRCUIT PROTECTION: Internal 15 amp fuse.
CABLE: Attached 3 ft., Type SO, #18 AWG 2-conductor.
CONSTRUCTION: Solid and perforated sheet aluminum.
FINISH: Anodized Aluminum.
SIZE: 3" x 4 1/4" x 7 1/4".
BALLAST WEIGHT: 4 lbs.
STAND: Type 3631 Litewate Kit Stand
LOW: 30 1/4 inches.
HIGH: 104 1/4 inches. (Three Risers).
FOLDED FOR STORAGE: 30 inches.
STAND TOP TO LIGHT CENTER: 8 1/4" inches.
STAND WEIGHT: 5 lbs.

PERFORMANCE DATA

TYPE 6411 200 WATT HMI MOLEPAR®

Using 200 Watt, 200 MSR 5600°K HMI Lamp.

Lens Used	5 Foot Distance		10 Foot Distance		15 Foot Distance		20 Foot Distance		25 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
No Lens	7020	.4	1755	.7	780	1.1	440	1.4	280	1.8
Very Narrow Spot	1674	.9	418	1.8	186	2.6	104	3.5	67	4.4
Narrow Spot	513	1.6	128	3.3	57	4.9	32	6.5	21	8.3
Wide Flood	522	2.0	130	4.0	58	6.1	33	8.1	21	10.2
Extra Wide Flood	225	4.5	56	9.1	25	13.7	14	18.2	9	22.8

*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.

GLOBE TABLE

TYPE 6411 200 WATT HMI MOLEPAR®

Base — Burn any position; 1⁹/₁₆" L.C.L.

Watts	Ordering Code	Color Temp. °K	Volts	Life Hours	Amps
200	MSR 200	5600	120	500	1.7

*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.

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

©Mole-Richardson Co., Hollywood, CA



Litho in U.S.A.