



Mole-Richardson Co.

TYPE 8361

2,500/4,000 WATT 24" HMI MOLEBEAM DAYLIGHT PROJECTOR

CE



FEATURES

This Combination 2,500W/4,000W HMI Mole-Beam Daylight Projector may be the most versatile in our very successful family (line) of Beam Projectors. It features an adjustable socket capable of changing from 2500w and 4000w HMI globes. The 24" stream of daylight (5600°) produced by this lamp creates a stunning parallel shaft of light with the option of variable focus from -5° to +15°. This beam projector has the widest range of burn positions, both extremes, straight-up or straight-down, with no noticeable light variation. MoleBeam Projectors are great for shafts of light through windows or foliage without the flutter usually associated with other "shaft" based lamps. Originally designed for lighting deep into large musical sets, these parallel, controllable light sources have come full circle from the heyday of black and white musicals to current day as stunning parallel beam effects. Equipped with safety screen.

*Type 8361 HMI Molebeam
Mounted on Type 500572
Folding Crank-up Stand*



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TYPE 8361 CE

2,500/4,000 WATT 24" HMI MOLEBEAM DAYLIGHT PROJECTOR



GLOBE TABLE

TYPE 8361 MOLEBEAM® PROJECTOR
Base — Bipost, G38; Burn any position;
4K/5³/₅" L.C.L. or 2.5K/5" L.C.L.

Watts	Ordering Code	Color Temp. °K	Volts	Life Hours	Amps
4000	4000 W/SE	5600	220	500	25.6
4000	MSR 4000 HR	5600	220	500	25.6
4000	DIS - 40H	5600	220	500	25.6
2500	2500 W/SE	5600	115	500	25.6
2500	MSR 2500 HR	5600	115	500	25.6
2500	DIS - 25H	5600	115	500	25.6

*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.

SPECIFICATIONS

HEAD: Type 8361, 2,500/4,000 watts.

RATING: 220 volts, A.C., 25 amps max.—4,000 watts max.

SOCKET: 83232 Heavy duty electrical grade porcelain body, mogul bipost with positive clamping contacts. Socket bracket adjusts from 2.5K (5" L.C.L.) to 4K (5³/₅" L.C.L.).

SWITCH: ON and OFF push button switches mounted on ballast control panel; allows lamp to be switched ON and OFF from ballast and instantly reignited when hot.

SAFETY SWITCH: Interlock microswitch on front door. Shuts off power to globe sockets if door is open. Globe cannot be turned on until door is closed.

HEAD CONSTRUCTION: Light aluminum with vertical circular interlocking channels for ventilation and a louvered aluminum trough with aluminum end castings.

YOKE: Tubular Aluminum and Aluminum castings with removable 1¹/₈" dia. steel yoke pin.

SAFETY GLASS: 24³/₄" dia. flat clear Pyrex.

REFLECTOR: 24³/₄" dia. highly reflective parabolic glass mirror.

FOCUSING: Knobs, in front and rear of fixture.

FINISH: Clear Anodized Aluminum/Maroon Powder Coated Enamel.

SIZE: 22¹/₂" x 33¹/₂" x 47".

HEAD WEIGHT: 81 lbs (w/cable).

ACCESSORIES

- 450481A Moledisc Diffuser Frame (29" dia.)
- 450746 Molering Diffuser Frame (29" dia.)
- 450763S Single Moledura Scrim (29" dia.)
- 450763D Double Moledura Scrim (29" dia.)
- G140 Scrim Bag
- 518 Shutter
- 51836 Shutter Box
- 6611 DMX Shutter Motor
- 635187 Extension Arms (Set of 3)
- 34724 Flat Diffuser Frame (Solid 4' x 4')
- 425100 Square Tube Diffuser Frame (Breakdown 4' x 4')
(Type 635187 Extension Arm needed for mounting)
- 83246 Shipping/Storage Case
- 500572 Folding Crank-Up Stand
(See Stand Section for more information & options)

BALLAST & HEAD CABLE

- 638185 2.5K/4K Electronic Ballast
(See Ballast Section for more information & options)
- 664115 Head Extension Cable—25 ft.
- 664108 Head Extension Cable—50 ft.



Type 518 Shutter



Type 6611
DMX Shutter Motor



Type 635187
Extension Arms
(Set of 3)



Type 638185
2.5K/4K AC/DC Ballast



Type 664115
25' Head Cable

PERFORMANCE DATA

TYPE 8361 24" MOLEBEAM PROJECTOR

Using W/SE **2,500 watt** 120 volt, 5600°K quartz globe.

Using W/SE **4,000 watt** 220 volt,

5600°K quartz globe.

Distance Feet	Light Intensity F.C. (Spot)	Beam Diameter Feet (Spot)	Light Intensity F.C. (Flood)	Beam Diameter Feet (Flood)	Light Intensity F.C. (Spot)	Beam Diameter Feet (Spot)	Light Intensity F.C. (Flood)	Beam Diameter Feet (Flood)
25	17,280	2	2,016	6	23,673	2	2,016	6
75	1,920	2	224	18	2,630	2	224	18
125	691	2	81	31	947	2	81	31
175	353	2	41	43	483	2	41	43
225	213	2	25	56	292	2	25	56
300	120	2	14	75	164	2	14	75

*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.

