



# Mole-Richardson Co.

**TYPE 8341**

## **12,000 WATT 36" HMI MOLEBEAM DAYLIGHT PROJECTOR**

**CE**



### **FEATURES**

The 12,000 watt HMI MoleBeam Daylight Projector is designed to provide a brilliant beam of directional light with soft, unfocused, subtle edges. Its perfect balance of directionality and soft beam edges allow lighting professionals to create or "paint" with light without giving away their artificial source. Some great features include unlimited burn positions, adjustable beam from -5° to +15° and silent operation. Multiple units can be used together to imitate a single source from one distant origin. The unit features 5600° Kelvin (Daylight) output, an all glass 36" reflector, UV safety glass and safety screen, an On/Off safety door switch, and the familiar ease-of-use you have come to expect from Mole Richardson.

*Type 8341 HMI Molebeam  
Mounted on Type 500572  
Folding Crank-up Stand*



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## TYPE 8341 **CE** 12,000 WATT 36" HMI MOLEBEAM DAYLIGHT PROJECTOR



### SPECIFICATIONS

**HEAD:** Type 8341, 12,000 watts.  
**RATING:** 180 volts, A.C., 80 amps max.—12,000 watts max.  
**SOCKET:** Positive Locking Bipost contacts.  
**SWITCHES:** ON and OFF push button switches mounted on fixture and ballast control panel.  
**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.  
**YOKE:** Tubular and cast aluminum with 1 1/8" dia. steel yoke pin.  
**SAFETY GLASS:** 36" dia. flat clear Pyrex  
**REFLECTOR:** 36" dia. parabolic glass mirror.  
**FOCUSING:** Rotating knob in rear of fixture.  
**FINISH:** Clear Anodized Aluminum/Maroon Powder Coated Enamel.  
**SIZE:** 33" x 43" x 43 1/2".  
**HEAD WEIGHT:** 136 lbs (w/cable)

### ACCESSORIES

34724 Flat Diffuser Frame (Solid 4' x 4')  
 635187 Extension Arms (Set of 3)  
 500572 Folding Crank-Up Stand  
 (See Stand Section for more information & options)

### BALLAST & HEAD CABLE

66065 12K/18K Electronic AC Square Wave Ballast  
 (See Ballast Section for more information & options)  
 680192 Head Extension Cable—50 ft.

### GLOBE TABLE

TYPE 8341 HMI MOLEBEAM® PROJECTOR  
 Base — Bipost, G38; Burn any position;  
 10" L.C.L.

Watts	Ordering Code	Color Temp. °K	Volts	Life Hours	Amps
12,000	12,000 W/SE	5600	115	300	56.0

\*The average color temperature decrease during life is .5°K-18°K per hour of operation. Globes not included in price of lamp. See price list for complete details.



Type 34724  
Flat Diffuser Frame (4' X 4')



Type 635187  
Extension Arms (Set of 3)



Type 66065  
12K/18K  
AC SquareWave  
Ballast



Type 680192  
50' Head Cable

### PERFORMANCE DATA

TYPE 8341 36" HMI MOLEBEAM PROJECTOR  
 Using W/SE 12,000 Watt, 220 Volt, 5600°K HMI Lamp.

Distance Feet	Light Intensity F.C. (Spot)	Beam Diameter Feet (Spot)	Light Intensity F.C. (Flood)	Beam Diameter Feet (Flood)
25	69,120	3	6,912	7.4
75	7,680	3	768	22.2
125	2,764	3	276	37.0
225	853	3	85	66.7
300	480	3	48	89.0
350	352	3	35	103.8

\*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.

