

**MoleBeam<sup>®</sup>**

A Classic Design...Perfected.

*Mole-Richardson Co.*



# MoleBeam®

Originally designed for the motion picture industry in the 1920's, the *SunArcs*® and *Sunspots*® have come full circle into the 21st century with the creation of the MoleBeam® product line. The MoleBeam® Projectors are designed to provide brilliant beams of directional light which closely resembles shafts of sunlight. These controllable, parallel light sources are available in Tungsten and HMI models with 18", 24" or 36" diameters. The MoleBeams offer a wide range of burn positions (including vertical) and can be adjusted from -5° to +15° while maintaining the ease of use operation.



**Type 63765**  
575W/1200W  
Electronic A.C.  
Square Wave  
Ballast



**Type 638185**  
2.5K/4K  
Electronic A.C.  
Square Wave  
Ballast



**Type 66065**  
12/18K  
Electronic A.C.  
Square Wave  
Ballast

## Daylight



**Type 8211**  
**1,200 Watt**  
18" Molebeam Projector

### SPECIFICATIONS

**RATING**  
120/240 volts A.C. or D.C.,  
15 amps maximum,  
1,200 watts max.

**SOCKET**  
Friction type bipost brass in-  
serts.

**SWITCH**  
ON and OFF push button  
switches mounted on  
back of fixture and ballast  
control panel

**CONSTRUCTION**  
Light aluminum with vertical  
circular interlocking channels  
for ventilation.

**MIRROR**  
20" dia. parabolic glass  
mirror with high temperature  
reflective coating.

**FOCUSING**  
Rotating knobs in front and  
rear of fixture.

**SIZE**  
29" h x 27½" w x 17½" d  
(Without Yoke)  
43" h x 27½" w x 17½" d  
(With Yoke)

**HEAD WEIGHT**  
47 lbs.

### PERFORMANCE DATA

Using 1200W/SE 1,200 watt,  
5600°K HMI globe.

Distance Feet	Light Intensity F.C. (Spot)	Beam Dia. Ft. (Spot)	Light Intensity F.C. (Flood)	Beam Dia. Ft. (Flood)
25	5,760	1.5	720	5
75	640	1.5	80	15
125	230	1.5	29	26
175	118	1.5	15	36
225	71	1.5	9	47
300	40	1.5	5	63

## Daylight



**Type 8361**  
**2,500/4,000 Watt**  
24" Molebeam Projector

### SPECIFICATIONS

**RATING**  
360 volts A.C.,  
38 amps maximum,  
4,000 watts max.

**SOCKET**  
Mogul bipost. Adjustable  
socket bracket.

**SWITCH**  
ON and OFF push button  
switches mounted on  
back of fixture and ballast  
control panel

**CONSTRUCTION**  
Light aluminum with vertical  
circular interlocking channels  
for ventilation.

**MIRROR**  
24¾" dia. parabolic glass  
mirror with high temperature  
reflective coating.

**FOCUSING**  
Rotating knobs in front and  
rear of fixture.

**SIZE**  
30" h x 33½" w x 22½" d  
(Without Yoke)  
47" h x 33½" w x 22½" d  
(With Yoke)

**HEAD WEIGHT**  
76 lbs.

### PERFORMANCE DATA

Using W/SE 2,500 watt, 5600°K HMI globe.

Distance Feet	Light Intensity F.C. (Spot)	Beam Dia. Ft. (Spot)	Light Intensity F.C. (Flood)	Beam Dia. Ft. (Flood)
25	17,280	2	2,016	6
75	1,920	2	806	18
125	691	2	224	31

Using W/SE 4,000 watt, 5600°K HMI globe.

Distance Feet	Light Intensity F.C. (Spot)	Beam Dia. Ft. (Spot)	Light Intensity F.C. (Flood)	Beam Dia. Ft. (Flood)
25	23,673	2	2,016	6
75	2,630	2	806	18
125	947	2	224	31

## Daylight



**Type 8341**  
**12,000 Watt**  
36" Molebeam Projector

### SPECIFICATIONS

**RATING**  
220 volts A.C.,  
86 amps maximum,  
12,000 watts max.

**SOCKET**  
Friction type bipost brass in-  
serts.

**SWITCH**  
ON and OFF push button  
switches mounted on  
back of fixture and ballast  
control panel

**CONSTRUCTION**  
Light aluminum with vertical  
circular interlocking channels  
for ventilation.

**MIRROR**  
36" dia. parabolic glass  
mirror with high temperature  
reflective coating.

**FOCUSING**  
Rotating knobs in front and  
rear of fixture.

**SIZE**  
43½" h x 43" w x 33" d  
(Without Yoke)  
58" h x 43" w x 33" d  
(With Yoke)

**HEAD WEIGHT**  
216 lbs.

### PERFORMANCE DATA

Using 12000W/SE 12,000 watt,  
5600°K HMI globe.

Distance Feet	Light Intensity F.C. (Spot)	Beam Dia. Ft. (Spot)	Light Intensity F.C. (Flood)	Beam Dia. Ft. (Flood)
25	4,800	3	6,912	7
75	7,680	3	768	22
125	2,764	3	276	37
175	853	3	85	67
225	480	3	48	89
300	352	3	35	104

# Tungsten



**Type 8311**  
**2,000 Watt**  
18" Molebeam Projector

## SPECIFICATIONS

**RATING**  
120/240 volts A.C. or D.C.,  
16.6 amps maximum,  
2,000 watts max.

**SOCKET**  
Mogul bipost. Spring loaded  
contacts.

**SWITCH**  
Heavy duty double pole  
switch, mounted in trough.

**CONSTRUCTION**  
Light aluminum with vertical  
circular interlocking channels  
for ventilation.

**MIRROR**  
20" dia. parabolic glass  
mirror with high temperature  
reflective coating.

**FOCUSING**  
Rotating knobs in front and  
rear of fixture.

**SIZE**  
27"h x 27½"w x 17½"d  
(Without Yoke)  
41"h x 27½"w x 17½"d  
(With Yoke)

**HEAD WEIGHT**  
52 lbs.

## PERFORMANCE DATA

Using CYX 2,000 watt,  
120 volt, 3200°K quartz globe.

Distance Feet	Light Intensity F.C. (Spot)	Beam Dia. Ft. (Spot)	Light Intensity F.C. (Flood)	Beam Dia. Ft. (Flood)
25	5,472	1.5	576	5
75	608	1.5	64	15
125	219	1.5	23	26
175	112	1.5	12	36
225	68	1.5	7	47
300	38	1.5	4	63

# Tungsten



**Type 8331**  
**5,000 Watt**  
24" Molebeam Projector

## SPECIFICATIONS

**RATING**  
120/240 volts A.C. or D.C.,  
43.3 amps maximum,  
5,000 watts max.

**SOCKET**  
Mogul bipost. Spring loaded  
contacts.

**SWITCH**  
Heavy duty double pole  
switch, mounted in trough.

**CONSTRUCTION**  
Light aluminum with vertical  
circular interlocking channels  
for ventilation.

**MIRROR**  
24¾" dia. parabolic glass  
mirror with high temperature  
reflective coating.

**FOCUSING**  
Rotating knobs in front and  
rear of fixture.

**SIZE**  
30"h x 33½"w x 22½"d  
(Without Yoke)  
47"h x 33½"w x 22½"d  
(With Yoke)

**HEAD WEIGHT**  
81 lbs.

## PERFORMANCE DATA

Using DPY 5,000 watt,  
120 volt, 3200°K quartz globe.

Distance Feet	Light Intensity F.C. (Spot)	Beam Dia. Ft. (Spot)	Light Intensity F.C. (Flood)	Beam Dia. Ft. (Flood)
25	4,032	2	1,152	6
75	448	2	128	18
125	161	2	46	30
175	82	2	24	42
225	50	2	14	55
300	28	2	8	73

# Tungsten



**Type 8371**  
**10,000 Watt**  
24" Molebeam Projector

## SPECIFICATIONS

**RATING**  
120/240 volts A.C. or D.C.,  
83.3 amps maximum,  
10,000 watts max.

**SOCKET**  
Mogul bipost. Spring loaded  
contacts.

**SWITCH**  
Heavy duty double pole  
switch, mounted in trough.

**CONSTRUCTION**  
Light aluminum with vertical  
circular interlocking channels  
for ventilation.

**MIRROR**  
24¾" dia. parabolic glass  
mirror with high temperature  
reflective coating.

**FOCUSING**  
Rotating knobs in front and  
rear of fixture.

**SIZE**  
30"h x 33½"w x 22½"d  
(Without Yoke)  
47"h x 33½"w x 22½"d  
(With Yoke)

**HEAD WEIGHT**  
82 lbs.

## PERFORMANCE DATA

Using DTY 10,000 watt,  
120 volt, 3200°K quartz globe.

Distance Feet	Light Intensity F.C. (Spot)	Beam Dia. Ft. (Spot)	Light Intensity F.C. (Flood)	Beam Dia. Ft. (Flood)
25	4,800	3	1,120	11
75	533	10	124	32
125	192	16	45	54
175	98	23	23	75
225	59	29	14	97
300	33	39	8	129

# Tungsten



**Type 8351**  
**20,000 Watt**  
36" Molebeam Projector

## SPECIFICATIONS

**RATING**  
220 volts A.C.,  
100 amps maximum,  
20,000 watts max.

**SOCKET**  
Mogul bipost. Spring loaded  
contacts.

**SWITCH**  
Heavy duty double pole  
switch, mounted in trough.

**CONSTRUCTION**  
Light aluminum with vertical  
circular interlocking channels  
for ventilation.

**MIRROR**  
36" dia. parabolic glass  
mirror with high temperature  
reflective coating.

**FOCUSING**  
Rotating knobs in front and  
rear of fixture.

**SIZE**  
43½"h x 43"w x 33"d  
(Without Yoke)  
58"h x 43"w x 33"d  
(With Yoke)

**HEAD WEIGHT**  
191 lbs.

## PERFORMANCE DATA

Using KP200 20,000 watt,  
120 volt, 3200°K quartz globe.

Distance Feet	Light Intensity F.C. (Spot)	Beam Dia. Ft. (Spot)	Light Intensity F.C. (Flood)	Beam Dia. Ft. (Flood)
25	13,680	3	3,600	8
75	1,520	3	400	22
125	547	3	144	37
175	168	3	44	67
225	95	3	25	89
300	70	3	18	104



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