

MoleBeam[®]

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
27 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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