



Mole-Richardson Co.

TYPE 5791

**36,000 WATT
MOLEQUARTZ®
"MOLEENO" MOLEPAR®**



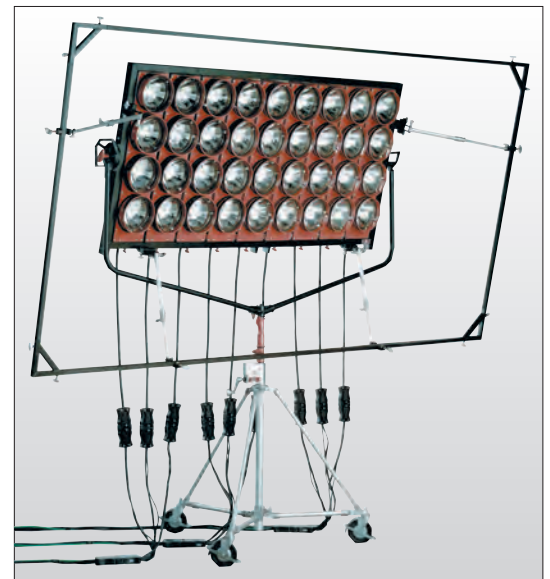
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FEATURES

For illuminating large areas. The high intensity output of this fixture permits a minimum number of units for the required lighting level. For Television and Film, use the 3200°K globes for night lighting and the Dichroic Filter globes for daylight booster. Each bank of four globes swivels for beam control. Eighteen switches control light intensity (two for each bank). Individual globes rotate 360° to orient oval beam to horizontal or vertical. Globes easily changed with snap rings. Now available for the "Moleeno" is a set of 4 extension arms and 6' x 12' diffuser frame.

Type 5791 36K Molequartz® "Moleeno" Molepar® with Type 57920 6' x 12' Diffuser Frame, Type 57869 Extension arms. (Set of Four), three Type 5001536 100 Amp Male to three 60 Amp Female Pin Plugs and Type 500572 Folding Crank-Up Litewate Stand.





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SPECIFICATIONS

HEAD: Type 5791, 36,000 watts.

RATING: 120/240 volts. A.C. or D.C., 300 amps max-36,000 watts max.

SOCKETS: Connector for mogul End-Prong PAR-64 globe.

SWITCHES: 2 toggle switches mounted on back of each 9 light bank. Each toggle switch operates 2 lamps. Other optional wiring available upon request.

CABLE: Attached 3 foot #8/3 Type SO cable in each bank with MC257G pin connector.

CONSTRUCTION: Rugged construction of solid sheet and perforated aluminum. Frame is constructed of rectangular aluminum tubing. Frame can be disassembled into 4 sections.

YOKE: Tubular steel with removable 1 1/8" dia. steel yoke pin. Yoke can be disassembled into 2 sections.

BEAM CONTROL: Pivoted globe modules permit variable beam coverage.

FINISH: Maroon Powder Coat Enamel

SIZE: 90" wide x 41 1/2" tall x 6 1/2" deep.

HEAD WEIGHT: 198 lbs. (w/cable, w/o globes)

HEAD WEIGHT: 260 lbs. (w/cable, w/globes)

ACCESSORIES

- 57920 Diffuser Frame (6' x 12')
- 57869 Extension Arms (Set of four)
- 73920 Safety Screen
- 5001536 100 amp to 3-60 amp adapter
- 500572 Folding Crank-Up Litewate Stand
(See Stand Section for more information & options)

GLOBE TABLE

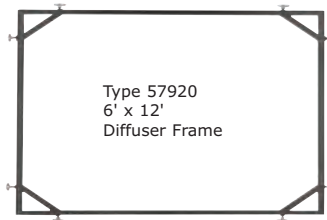
Base, extended mogul end-prog. Burn any position. PAR-64 bulb.

Watts	Ordering Code	Color Temp. °K	Volts	Beam Pattern	Life Hours	Amps
1000	FGM	Daylight	120	NSP	200	8.3
1000	FGN	Daylight	120	MFL	200	8.3
1000	FFN	3200	*120	VNSP	800	8.3
1000	FFP	3200	*120	NSP	800	8.3
1000	FFR	3200	*120	MFL	800	8.3
1000	FFS	3200	*120	WFL	800	8.3

Globes not included in price of lamp.

See price list for complete details.

*220 Volt Globe Available.



Type 57869
Extension Arms
(Set of 4)

PERFORMANCE DATA

Type 5791 Molequartz® "Moleeno" Molepar® using 1,000 watt, 120 volt quartz globes.

Color Temp. °K	Globe Code No. and Beam Pattern	20 Feet			30 Feet			40 Feet			50 Feet			75 Feet			100 Feet			150 Feet		
		Light F.C.	Lighted Area* Width	Lighted Area* Height	Light F.C.	Lighted Area* Width	Lighted Area* Height	Light F.C.	Lighted Area* Width	Lighted Area* Height	Light F.C.	Lighted Area* Width	Lighted Area* Height	Light F.C.	Lighted Area* Width	Lighted Area* Height	Light F.C.	Lighted Area* Width	Lighted Area* Height	Light F.C.	Lighted Area* Width	Lighted Area* Height
3200	FFN Very Narrow Spot	26,650	5.1	3.3	11,862	7.6	4.8	6,662	10.0	6.5	4,274	12.6	8.0	1,901	18.6	12.0	1,072	74.7	15.8	471	37.0	23.8
	FFP Narrow Spot	21,125	6.0	4.0	9,425	8.8	5.9	5,298	11.7	7.6	3,396	14.6	9.3	1,511	21.6	13.8	845	28.8	18.3	377	42.6	27.2
	FFR Medium Flood	7,508	11.2	5.6	3,340	16.7	8.2	1,877	22.0	10.6	1,202	27.4	13.0	536	41.0	19.3	300	54.2	25.6	133	81.0	38.0
	FFS Wide Flood	2,373	19.1	10.3	1,056	28.4	15.1	593	37.8	20.2	382	46.9	24.9	170	70.1	37.0	94	93.2	49.2	42	139.7	73.8
Daylight	FGM Narrow Spot	13,540	6.0	4.0	6,054	8.8	5.9	3,410	11.7	7.6	2,186	14.6	9.3	973	21.6	13.8	552	28.8	18.3	237	42.6	27.2
	FGN Medium Flood	4,767	11.2	5.6	2,120	16.7	8.2	1,192	22.0	10.6	768	27.8	13.0	344	41.0	19.3	185	54.2	25.6	80	81.0	38.0

*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. Values listed are with globe modules pointing straight forward and individual globes positioned for maximum width and minimum height of their respective beams.

