



Mole-Richardson Co.

TYPE 5591

3,900 WATT MOLEQUARTZ® SIX-LIGHT MOLEFAY®



FEATURES

Designed for daylight booster when using the quartz tungsten-halogen Dichroic FAY globes. Lightweight and compact. Ideal for exterior fill- light and for hard-to-get-to or confined areas. By directing this lamp through a windshield or window, boosting of daylight can be achieved. Pivoted globe modules permit varied beam coverage. Converged for maximum light intensity of overlapping beams or diverged for a broad, smooth field. Individual globe switches are provided for intensity control without changing color temperature. Each globe individually held in a unique globe retainer which mounts directly to the modules. Equally as useful indoors or at night when used with 3200°K quartz globes.

TYPE 5591 MOLEQUARTZ® SIX-LIGHT
MOLEFAY® MOUNTED ON TYPE 410138
JUNIOR SIZE STANDARD STAND



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SPECIFICATIONS

HEAD: Type 5591, 3,900 watts.
RATING: 120 volts, A.C. or D.C., 32.5 amps max., 3,900 watts max.
SOCKETS: Molesilver Ferrule contacts. Positive spring pressure on globe contacts.
SWITCHES: 6 toggle switches mounted on lamp. (One per globe.)
CABLE: Attached three pieces #6/1 Entertainment Cable, 3 ft., an MC257G (Choice of plug).
CONSTRUCTION: Solid and perforated sheet steel.
YOKE: Cast aluminum with removable 1 1/8" dia. steel yoke pin.
BEAM CONTROL: Pivoted globe modules permit variable beam coverage.
FINISH: Maroon Powder Coat Enamel and Chrome Plate.
SIZE: 14 1/8" x 16 1/8" x 4 3/8" (including switches and globe guards)
HEAD WEIGHT: 17 lbs. (w/cable)

ACCESSORIES

- 5595 Light Shield and Diffuser Holder (pair)
- 5594 Diffuser Frame (Light Shield and Diffuser Holder (pair) needed for mounting)
- 55416 Globe Retainer
- 5001652 60 Amp Extension Cable—25 ft.
- 5001761 3-Wire 60 Amp Master Switch
- 410138 Junior Size Standard Stand
(See Stand Section for more information & options)



Type 5595
Light Shield and Diffuser Holder



Type 5594
Diffuser Frame



Type 5001652
25 ft. 100 Amp
Extension Cable

GLOBE TABLE

Base, ferrule contacts. Burn any position.
PAR-36 bulb.

Watts	Ordering Code	Color Temp. °K	Volts	Beam Pattern	Life Hours	Amps
650	FAY	Daylight	120	Spot	30	5.4
650	FCX	3200	120	Medium	100	5.4
650	FCW	3200	120	Wide	100	5.4

Globes not included in price of lamp.
See price list for complete details.

PERFORMANCE DATA

Using 650 watt, 120 volt, quartz globes.

Color Temp. °K	Globe		Beam Width Adjustment	5 Feet			10 Feet			15 Feet			20 Feet			30 Feet			40 Feet			50 Feet		
	Code	Beam Pattern		Light F.C.	Lighted Area*		Light F.C.	Lighted Area*		Light F.C.	Lighted Area*		Light F.C.	Lighted Area*		Light F.C.	Lighted Area*		Light F.C.	Lighted Area*		Light F.C.	Lighted Area*	
					Width	Height		Width	Height		Width	Height		Width	Height		Width	Height		Width	Height			
Daylight	FAY	Spot	Maximum	3,000	6.8	1.8	810	12.7	3.5	360	19.1	6.3	205	25.4	7.0	90	38.1	10.5	50	54.8	14.0	30	63.5	17.5
			Minimum	7,260	2.3	1.7	1860	4.5	3.2	825	6.8	4.8	465	9.0	6.4	205	13.5	9.6	115	18.0	12.8	75	22.0	16.0
3200	FCX	Medium	Maximum	2,200	9.3	2.9	600	17.9	5.5	265	26.9	6.3	150	35.8	11.0	65	53.7	16.5	40	71.6	22.0	25	89.5	27.5
			Minimum	5,530	3.3	2.4	1500	6.6	4.7	670	9.9	7.1	375	13.2	9.4	165	19.8	14.1	95	26.4	18.8	60	33.0	23.5
	FCW	Wide	Maximum	1,240	9.4	4.8	320	19.1	9.5	140	28.7	14.3	80	38.2	19.0	35	57.3	28.5	20	76.4	38.0	15	95.5	47.5
			Minimum	2,500	4.9	4.5	630	10.0	9.1	275	15.0	13.7	155	20.0	18.2	70	30.0	27.3	40	40.0	35.4	25	50.0	45.5

*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.

