



# Mole-Richardson Co.

**TYPE 5571**

**7,800 WATT  
MOLEQUARTZ®  
TWELVE-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 5571 MOLEQUARTZ® MOLEFAY®  
MOUNTED ON TYPE 500476 JUNIOR  
SIZE LITEWATE STANDARD STAND



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**TYPE 5571** 

## 7,800 WATT MOLEQUARTZ® TWELVE- LIGHT MOLEFAY®



### SPECIFICATIONS

**HEAD:** Type 5571, 7,800 watts.  
**RATING:** 120 volts, A.C. or D.C., 65.0 amps max.–7,800 watts max.  
**SOCKETS:** Molesilver ferrule contacts. Positive spring pressure on globe contacts.  
**SWITCHES:** 12 toggle switches mounted on lamp. (One per globe).  
**CABLE:** Attached two 3 ft. #6/1 entertainment cable 2 conductor with one #10/1 ground cable and MC257G plug. (Refer to cable substitutions for other cable types).  
**CONSTRUCTION:** Solid and perforated sheet steel.  
**YOKE:** Cast aluminum with removable 1 1/8" dia. steel yoke pin.  
**BEAM CONTROL:** Pivoted globe modules provide adjustable beam coverage.  
**FINISH:** Maroon Powder Coat Enamel and chrome plate.  
**SIZE:** 18 7/8" x 21 1/8" x 4 3/8" including switches and globe guards.  
**WEIGHT:** 30 lbs. (w/cable)

### ACCESSORIES

- 5576 Light Shield and Diffuser Holder (Pair)
- 5574 Diffuser Frame (Light Shield and Diffuser Holder needed for mounting.)
- 55416 Globe Retainer (Twelve included in price of fixture).
- 5001301 100 Amp Extension Cable—25 ft.
- 5001762 3-Wire 100 Amp Master Switch
- 500476 Junior Size Litewate Standard Stand (Stand Section for more information & options)



Type 5576  
Light Shield and Diffuser Holder



Type 5574  
Diffuser Frame



Type 5001301  
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*							
					Width	Height		Width	Height		Width	Height		Width	Height		Width	Height						
Daylight	FAY	Spot	Maximum	4,840	9.6	2.1	1,300	19.9	4.0	580	29.9	6.0	325	25.4	7.2	145	59.7	12.0	80	79.6	16.0	50	99.5	20.0
			Minimum	14,700	2.4	2.1	3,930	4.7	4.0	1,745	7.6	6.0	980	9.2	6.6	435	14.1	12.0	245	18.8	16.0	160	23.5	20.0
3200	FCX	Medium	Maximum	3,450	9.3	3.2	1,000	20.0	6.0	445	30.0	9.0	250	34.2	10.8	110	60.0	18.0	60	80.0	24.0	40	100.0	30.0
			Minimum	11,320	3.3	2.5	2,960	6.7	4.7	1,315	10.1	7.6	740	13.2	9.4	330	20.1	14.1	185	26.8	18.8	120	33.5	23.5
	FCW	Wide	Maximum	2,090	11.2	4.9	600	20.0	9.6	265	30.0	14.4	150	36.6	19.6	65	60.0	28.8	35	80.0	38.4	25	100.0	48.0
			Minimum	4,780	4.9	4.6	1,250	9.8	9.1	555	14.7	13.7	310	19.6	18.6	140	29.4	27.3	80	39.2	36.4	50	49.0	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.

