



# Mole-Richardson Co.

**TYPE 5541**

## **5,850 WATT MOLEQUARTZ® NINE-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 5541 MOLEQUARTZ® NINE-LIGHT  
MOLEFAY® MOUNTED ON TYPE 410138  
JUNIOR SIZE STANDARD STAND



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## TYPE 5541

### 5,850 WATT MOLEQUARTZ® NINE- LIGHT MOLEFAY®



#### 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.

#### SPECIFICATIONS

- HEAD:** Type 5541, 5,850 watts.  
**RATING:** 120 volts, A.C. or D.C., 48.8 amps max., 5,850 watts max.  
**SOCKETS:** Molesilver ferrule contacts. Positive spring pressure on globe contacts.  
**SWITCHES:** 9 toggle switches mounted on lamp. (One per globe.)  
**CABLE:** Attached 3 ft. #6/1 entertainment cable 2-conductor with #10/1 ground and MC257G plug. (Choice of plug.)  
**CONSTRUCTION:** Solid and perforated sheet steel.  
**YOKE:** Cast aluminum with removable 1 1/8" steel yoke pin.  
**BEAM CONTROL:** Pivoted globe modules permit variable beam coverage.  
**FINISH:** Maroon Powder Coat Enamel and chrome plate.  
**SIZE:** 19" x 16 1/8" x 4 3/8" (including switches and globe guards)  
**HEAD WEIGHT:** 21 1/2" lbs

#### ACCESSORIES

- 5548 Light Shield and Diffuser Holder (pair)  
 5544 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  
 (Stand Section for more information & options)



Type 5548  
Light Shield and Diffuser Holder



Type 5544  
Diffuser Frame



Type 5001652  
25 ft. 60 Amp  
Extension Cable

#### 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	4,560	6.7	2.1	1,200	12.7	3.6	535	19.1	5.4	300	25.4	7.2	135	38.1	10.8	
			Minimum	10,730	2.3	1.8	2,900	4.6	3.3	1,290	6.9	5.0	725	9.2	6.6	320	13.8	9.9	180
3200	FCX	Medium	Maximum	3,220	9.4	2.8	880	17.1	5.4	390	25.7	8.1	220	34.2	10.8	100	51.3	16.2	
			Minimum	8,150	3.3	2.4	2,160	6.6	4.7	960	9.9	7.1	540	13.2	9.4	240	19.8	14.1	135
	FCW	Wide	Maximum	1,940	9.2	4.9	480	18.3	9.8	215	27.5	14.7	120	36.6	19.6	55	54.9	29.4	
			Minimum	3,800	4.9	4.6	990	9.8	9.3	440	14.7	14.0	250	19.6	18.6	110	29.4	27.9	60

\*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.

