



# Mole-Richardson Co.

**TYPE 2981**

## **650 WATT MOLEQUARTZ® MINI-SOFTLITE**



### **FEATURES**

This small Mini-Softlite provides soft, diffused, virtually shadowless light with a smooth field. For use in confined, close-up areas, and may also be mounted on Motion Picture or Television cameras as a front fill-light.

Designed so that all the light comes indirect and unobstructed from diffuse surfaces. Uses 650 watt FAD 3200°K quartz globe. Equipped with safety screen.



TYPE 2981 MOLEQUARTZ®  
MINI-SOFTLIGHT MOUNTED ON TYPE  
2541 COMPACT LITEWATE STAND



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## TYPE 2981

### 650 WATT MOLEQUARTZ® MINI-SOFTLITE



#### SPECIFICATIONS

**HEAD:** Type 2981, 650 watts.  
**RATING:** 120/240 volts, A.C. or D.C., 5.4 amps max.—800 watts max.  
**SOCKETS:** Compressible single contact. (Two per globe).  
**SWITCH:** Thru-cord type in cable.  
**CABLE:** Attached 25 feet, Type SO, 3 conductor #18 AWG. (Specify type of plug when ordering).  
**CONSTRUCTION:** Solid and perforated sheet steel.  
**YOKE:** Cast aluminum. Fits any standard 5/8" dia. stand spud or 5/8" hanger spud.  
**REFLECTING SURFACES:** Globe trough: Molebrite® specular aluminum. Reflecting hood: special diffusing coating.  
**FINISH:** Maroon Powder Coat Enamel.  
**SIZE:** 6 1/4" x 6 1/4" aperture.  
**HEAD WEIGHT:** 7 1/2 lbs. (w/cable).

#### ACCESSORIES

- 2985 Egg Crate
- 29830 Diffuser Frame (6 5/8" x 6 5/8")
- 29862S Single Moledura Scrim (6 5/8" x 6 5/8")
- 29862D Double Moledura Scrim (6 5/8" x 6 5/8")
- G136 Scrim Bag
- 29850 2-Leaf Light Shield
- 29865 Snoot (6")
- 29880 Safety Screen Kit (Can be retrofitted to previous models/Included with new units)
- 500848 C-Clamp and Adapter
- 29882 Replacement Reflector (Inserts for Hood Reflector/No Repainting Required)
- 2981 Compact Litewate Stand (See Stand Section for more information & options)

#### GLOBE TABLE

Base, recessed single contact. Burn any position. T-4 bulb; 3 1/8" M.O.L.

Watts	Ordering Code	Color Temp.*K	Finish	Volts	Life Hours	Amps
800	DXX	3200	Clear	230/240	75	3.5/3.3
650	FAD	3200	Clear	120	100	5.4
650	FBX	3200	Frost	120	100	5.4
650	DWY	3400	Clear	120	25	5.4
420	FFM	3200	Clear	120	75	3.5
400	FDA	3200	Clear	120	250	3.3
400	EHR	2900	Clear	120	2000	3.3
300	EHP	2900	Clear	120	2000	2.5

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



Type 2985  
Egg Crate



Type 29830  
Diffuser Frame



Type 29876D  
Double Moledura  
Scrim



Type 500848  
C-Clamp  
and Adapter



Type 25882  
Replacement Reflector

#### PERFORMANCE DATA

Using FAD, 650 Watt, 120 volt, 3200° K quartz globe.

Distance Feet	Light Intensity F.C.	Beam Diameter* Feet
4	150	5.0
6	67	7.6
8	38	10.0
10	24	12.7
12	17	15.3

\*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.

