



# Mole-Richardson Co.

**TYPE 4371**

**10,000/12,000 WATT  
20" TENER  
SOLARSPOT®**



## FEATURES

Introducing our newly redesigned 10,000 & 12,000 watt Tener SolarSpot®, with 60% more spread and 42% more light output when using the 12K globe compared to the traditional 20" Tener. The design also includes circular channel construction for added strength and more efficient airflow, resulting in cooler operation. Now that lower light levels are the norm, the larger spread performance reduces the number of fixtures needed to light a set. Ideal for basic set lighting techniques in Motion Picture, Television and the Professional Photographic Industries. The Tener SolarSpot® can be used as a key-light, back-light or kicker where light control with a smooth even field from spot-to-flood is essential. Equipped with safety screen.

TYPE 4371 10/12K 20" TENER SOLARSPOT®  
MOUNTED ON TYPE 500572 SENIOR SIZE  
CRANK-UP LITEWATE STAND



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### GLOBE TABLE

Base, mogul bipost. Burn within 45° of verticle base-down. T-24 and T-27 bulbs; 10" L.C.L.

Watts	Ordering Code	Color Temp. °K	Finish	Volts	Life Hours	Amps
10,000	DTY	3200	Clear	120	300	83.3
12,000	GE/KOTO	3200	Clear	120	300	100
10,000	CP83	3200	Clear	230	500	43.5
12,000	Q12/4CL	3200	Clear	230	150	52.1

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



Type 41616A  
4-Way Light Shield



Type 41699A  
Moledisc Diffuser Frame



Type 42590 12K A.C. DMX  
Molelectronic Dimmer (120V)



Type G140  
Scrim Bag



Type 635187  
Extension Arm (Set of 3)

### SPECIFICATIONS

**HEAD:** Type 4371, 10,000/12,000 watts.  
**RATING:** 120/240 volts. A.C. or D.C., 100 amps max.—12,000 watts max.  
**SOCKET:** Mogul Bipost. Spring loaded contacts.  
**SWITCH:** 100 amp., quick-make, quick-break. Mounted in trough.  
**CABLE:** 3 ft. #4/1 Entertainment Cable with #6/1 green ground and MC258G plug.  
**CONSTRUCTION:** Light aluminum with vertical circular interlocking channels for ventilation and a louvered aluminum trough with aluminum end castings.  
**YOKE:** Tubular aluminum and brass castings with removable 1/8" dia. steel yoke pin.  
**CONDENSER:** 20" dia. Fresnel lens of Pyrex glass. Hot lens, 17° to 43° field angle. Accessory—Cold lens, 28° to 54° field angle.  
**MIRROR:** Alzak Aluminum.  
**FOCUSING:** Rear Rotating Hand Crank.  
**SIZE:** 28 7/8" x 29 1/4" x 25 3/4".  
**FINISH:** Clear Anodized Aluminum/Maroon Powder Coated Enamel.  
**HEAD WEIGHT:** 96 3/4 lbs. (w/cable)

### ACCESSORIES

- 41616 2-Way Barn Door (6 Leaf)
- 41616A 4-Way Barn Door (8 Leaf)
- 416128 4-Way Tapered Barn Door (8 Leaf)
- 41699A Moledisc Diffuser Frame (21" dia.)
- 416172S Half Single Moledura Scrim (21" dia.)
- 416172D Half Double Moledura Scrim (21" dia.)
- 416173S Single Moledura Scrim (21" dia.)
- 416173D Double Moledura Scrim (21" dia.)
- G140 Scrim Bag
- 416B Blue Molocolor Daylight
- 170 Fresnel Condenser (Cold)
- 513 Shutter
- 51338 Shutter Box
- 6611 DMX Shutter Motor
- 635187 Extension Arms (Set of 3)
- 500572 Senior Size Crank-up Litewate Stand  
(See Stand Section for more information & options)

### PERFORMANCE DATA

Using 12,000 Watt, 120 volt, 3200° K quartz globe.

Distance in Feet	With Type 416 Lens Standard with Lamp				With Type 170 Cold Lens Accessory Lens			
	Light Intensity F.C.		Beam Diameter* Feet		Light Intensity F.C.		Beam Diameter* Feet	
	Max. Flood	Min. Spot	Max. Flood	Min. Spot	Max. Flood	Min. Spot	Max. Flood	Min. Spot
10	4,400	38,800	10.2	2.1	3,200	12,000	12.2	3.5
20	1,100	9,200	20.3	4.1	800	3,000	24.4	6.9
30	489	4,088	30.5	6.2	356	1,333	36.6	10.4
40	275	2,300	40.6	8.2	200	750	48.8	13.8
50	176	1,472	50.7	10.3	128	480	61.0	17.3
60	122	1,022	60.9	12.3	89	333	73.2	20.7
70	90	751	71.1	14.4	65	245	85.4	24.2
80	69	575	81.2	16.4	50	188	97.6	27.6
100	44	368	101.5	20.5	32	120	122.0	34.5
120	31	255	121.8	24.6	22	83	146.4	41.4

\*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.

