

Mole-Richardson®



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

TYPE 4371



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.

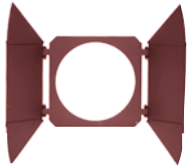


NEW

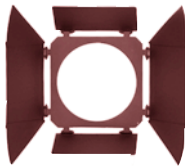


12K Tungsten Globe

TYPE 4371 TENER SOLARSPOT®
MOUNTED ON TYPE 500572 SENIOR SIZE
CRANK-UP LITEWATE STAND



Type 41616
2-Way Barn Door



Type 41616A
4-Way Barn Door



Type 41699A Moledisc
Diffuser Frame



Type 416173D Double
Moledura Scrim



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



Type G140
Scrim Bag



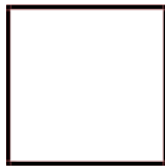
Type 513
Shutter



Type 6611
DMX Shutter Motor



Type 635187
Extension Arm
(Set of 3)



Type 34724
Flat Diffuser Frame (4' x 4')



Type 5001301
25' Extension Cable



Type 19210
10KW to 5KW
Socket Adapter

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.)
- 416141 Molering Diffuser Frame (21" dia.)
- 416172S Half Single Moledura Scrim—
Stainless Steel Screen (21" dia.)
- 416172D Half Double Moledura Scrim—
Stainless Steel Screen (21" dia.)
- 416173S Single Moledura Scrim—
Stainless Steel Screen (21" dia.)
- 416173D Double Moledura Scrim—
Stainless Steel Screen (21" dia.)
- G140 Scrim Bag
- 416340 Scrim Box
- 42590 12KW A.C. Molelectronic® DMX Dimmer (120V)
- 416B Blue Molocolor Daylight
- 170 Fresnel Condenser (Cold)
- 513 Shutter
- 51338 Shutter Box
- 6611 DMX Shutter Motor
- 635187 Extension Arms (Set of 3)
- 34724 Flat Diffuser Frame (Solid 4' x 4')
- 425100 Square Tube Diffuser Frame (Breakdown 4' x 4')
- 19210 10KW to 5KW Socket Adapter
- 5001301 25' 100 Amp Extension Cable
- 5001299 50' 100 Amp Extension Cable
- 17032A Floor Spider (T-Bone)
- 500287 Bazooka
- 500350 Heavy Duty Ball-Bearing C-Clamp
and Adapter Assembly
(For lamps having 1 1/8" dia. yoke pin)
- 500353 Heavy Duty Ball-Bearing C-Clamp
and Adapter Assembly
(Replaces flat end yoke pin)
- ‡500403 Adjustable Hanger Group
- ‡500424 Telescoping Hanger Group
‡Refer to Hanger Section
- 500429 Stirrup Hanger Adapter

PERFORMANCE DATA

TYPE 4371 20" TENER SOLARSPOT®

Using GE/KOTO, 12,000 watt, 120 volt, 3200°K quartz globe.

Distance Feet	With Type 416 Lens Standard with Lamp				Distance Feet	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	36,800	10.2	2.1	10	3,200	12,000	12.2	3.5
20	1,100	9,200	20.3	4.1	20	800	3,000	24.4	6.9
30	489	4,088	30.5	6.2	30	356	1,333	36.6	10.4
40	275	2,300	40.6	8.2	40	200	750	48.8	13.8
50	176	1,472	50.7	10.3	50	128	480	61.0	17.3
60	122	1,022	60.9	12.3	60	89	333	73.2	20.7
70	90	751	71.1	14.4	70	65	245	85.4	24.2
80	69	575	81.2	16.4	80	50	188	97.6	27.6
100	44	368	101.5	20.5	100	32	120	122.0	34.5
120	31	255	121.8	24.6	120	22	83	146.4	41.4

*Light tapers smoothly at edge of field. Diameters listed are flat area diameters at which the intensities are approximately 50% of tabulated intensities at beam center.

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.
(Specify type of plug when ordering)

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 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.

WEIGHT: 96 3/4 lbs.

STAND: Type 500572 Folding Crank-up Litewate.

LOW: 53 inches.

HIGH: 120 inches (2 extensions).

FOLDED FOR STORAGE: 61 inches.

STAND TOP TO LIGHTCENTER: 25 1/2 inches.

WEIGHT: 53 1/2 lbs.

STAND SUBSTITUTIONS

- 325 Molevator®
- 1411 Senior Size Low
- 5611 Senior Size Long Leg
- 500620 Folding Litewate

GLOBE TABLE

TYPE 4371 20" TENER SOLARSPOT®

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

Globes not included in price of lamp.

See price list for complete details.

Mole-Richardson Co.

937 North Sycamore Avenue, Hollywood, California 90038-2384 U.S.A.

Tel. (323) 851-0111 Fax. (323) 851-5593 E-Mail: info@mole.com

World Wide Web: http://www.mole.com

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