



# Mole-Richardson Co.



**TYPE 6741**

**5,000 WATT  
TUNGSTEN PAR®**



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## FEATURES

Introducing Hollywood's first dedicated 5kW Tungsten Par. This fixture is based on the design characteristics of the popular DayLite HMI Pars, but using a conventional 5,000 watt incandescent source. Unlike traditional 5kW luminaries, the Tungsten Par uses a specifically designed General Electric 5kW Tungsten Halogen lamp intended for Axial Operation. By placing the lamp on its side and using a highly polished Parabolic reflector, the Tungsten Par is able to achieve output comparable to a standard 14 inch 10kW Fresnel. The fixture has a visual focal indicator to determine lamp position and, when used with the interchangeable lenses, the field of light can be fine-tuned for optimum beam control. Other features include: a trough skid for operating and safe transportation; an adjustable yoke pivot point; a locking, hinged front door for easy lamping; an onboard 5kW switch; and a 60amp stage pin "pig-tail". Standard on all fixtures are a stainless steel safety screen, spring loaded fourth accessory clip, and variable accessory clip positions located at either 90° or 45°. Compatible with all existing 13<sup>1</sup>/<sub>2</sub>" accessories.

*Type 6741 Tungsten Par®  
Mounted on  
Type 500476 Junior Size  
Litewate Standard Stand*





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## TYPE 6741

# 5,000 WATT TUNGSTEN PAR®



### GLOBE TABLE

Type 6741 5,000 Watt Tungsten Par®  
Base — Bipost, G38; Burn any position;  
5<sup>3</sup>/<sub>16</sub>" L.C.L.

Watts	Ordering Code	Color Temp. °K	Volts	Life Hours	Amps
5,000	HX5000	3200°K	120	500	41.6
5,000	HX5000	3200°K	240	500	20.8

\*The average color temperature decrease during life is .5°K-1°K per hour of operation. Globes not included in price of lamp. See price list for complete details.

### SPECIFICATIONS

**HEAD:** Type 6741 5,000 Watt Tungsten Par®  
**RATING:** 120/240 volts, A.C. or D.C., 41.6 amps max.—5,000 watts max.  
**SOCKET:** G38, Heavy duty electrical grade porcelain body with friction type bi-posts brass inserts.  
**SWITCH:** 60 amp, 250 volt heavy duty, double pole. Mounted in trough.  
**CABLE:** Attached #6/1 cable with #10/1 ground and MC257G 60 amp. male plug.  
**HEAD CONSTRUCTION:** Rugged construction of cast and sheet aluminum.  
**YOKE:** Tubular aluminum with 1<sup>1</sup>/<sub>8</sub>" steel yoke pin.  
**REFLECTOR:** Highly polished aluminum Brytal finished parabolic reflector.  
**FINISH:** Clear Anodized Aluminum/Maroon Powder Coated Enamel.  
**SIZE:** 15" x 16<sup>1</sup>/<sub>2</sub>" x 21" w/o yoke (33"H w/yoke).  
**HEAD WEIGHT:** 32 lbs. w/yoke (without globe).  
**BEAM CONTROL:** Five accessory lenses (listed below), used individually, change the beam pattern from Narrow to Extra Wide Flood. The beam pattern created by the lenses may be rotated within the diffuser clips for vertical or horizontal beam orientation. Further spot to flood adjustments can be made using the focus knob on the rear of the fixture.

### ACCESSORIES

- 66491 4-Way Light Shield
- 664128 Narrow Lens (Split) (13<sup>1</sup>/<sub>2</sub>" dia.)
- 664129 Medium Lens (Split) (13<sup>1</sup>/<sub>2</sub>" dia.)
- 664130 Wide Lens (Split) (13<sup>1</sup>/<sub>2</sub>" dia.)
- 664131 Extra Wide Lens (Split) (13<sup>1</sup>/<sub>2</sub>" dia.)
- 664132 Fresnel Lens (Split) (13<sup>1</sup>/<sub>2</sub>" dia.)
- 664105 Lens Box
- 419109S Single Moledura Scrim (13<sup>1</sup>/<sub>2</sub>" dia.)
- 419109D Double Moledura Scrim (13<sup>1</sup>/<sub>2</sub>" dia.)
- G138 Scrim Bag
- 500350 Heavy Duty Ball Bearing C-Clamp and Adapter (for lamps having 1<sup>1</sup>/<sub>8</sub>" dia. yoke pin).
- 5001652 60A Bates Cable—25 ft.
- 5001333 60A Bates Cable—50 ft.
- 500476 Stand Junior Size Litewate Standard (See Stand Section for more information & options)



Type 66491  
4-Way  
Barn Door



Type 664129  
Medium Lens



Type 664105  
Lens Case  
(Shown with  
Lenses, Fresnel  
& Scrim)



Type 419109D  
Double  
Moledura Scrim

### PERFORMANCE DATA

Type 6741 5,000 Watt Tungsten Par® using 5,000 watt, 3200°K Tungsten Lamp.

Distance	No Lens (9°)		Narrow (11.5°)		Medium (28.5° x 16°)		Wide (53.5° x 20°)		Extra-Wide (43.5°)		Fresnel (35°)	
	Diameter/Ft.	F.C.	Diameter/Ft.	F.C.	W x H/Ft.	F.C.	W x H/Ft.	F.C.	Diameter/Ft.	F.C.	Diameter/Ft.	F.C.
10	1.6	13,770	2.0	7,988	5.1 x 2.8	3,456	10.1 x 3.5	1,800	8.0	648	6.3	750
20	3.1	3,443	4.0	1,997	10.2 x 5.6	864	20.2 x 7.1	450	16.0	162	12.6	188
30	4.7	1,530	6.0	888	15.2 x 8.4	384	30.2 x 10.6	200	23.9	72	18.9	83
40	6.0	861	8.1	499	20.3 x 11.2	216	40.3 x 14.1	113	31.9	41	25.2	47
50	7.9	551	10.1	320	25.4 x 14.1	138	50.4 x 17.6	72	39.9	26	31.5	30
75	11.8	245	15.1	142	38.1 x 21.1	61	75.6 x 26.4	32	59.8	12	47.3	13
100	15.7	138	20.1	80	50.8 x 28.1	35	100.8 x 35.3	18	79.8	6	63.1	8
150	23.6	61	30.2	36	76.2 x 42.2	15	151.2 x 52.9	8	119.7	3	94.6	3
200	31.5	34	40.3	20	101.6 x 56.2	9	201.6 x 70.5	5	159.6	2	126.1	2

(FC @ Distance = 1377000 ÷ Distance²) (FC @ Distance = 798750 ÷ Distance²) (FC @ Distance = 345600 ÷ Distance²) (FC @ Distance = 180000 ÷ Distance²) (FC @ Distance = 64800 ÷ Distance²) (FC @ Distance = 75000 ÷ Distance²)

\*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.

