



# Mole-Richardson Co.

**TYPE 6641**

**2,500/4,000 WATT  
DAYLITE PAR®**



## FEATURES

The 2.5/4kW DayLite Par is designed for Motion Picture, Television, and Event Professionals worldwide. The combination cast and sheet aluminum construction features dramatically improved strength and cooling while the Brytal Aluminum parabolic reflector provides over 95% reflectivity. The electronics in the fixture are contained in a low-profile trough totally isolated from the main housing, and feature a swing-out trap door for easy access to the igniter and safety switch. The fixture has visual and tactile focal indicators 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; and a "pig-tail" style electrical input. 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 6641 Daylite Par®  
Mounted on  
Type 500557 Junior Size  
Litewate Location Stand*



3

4



# Mole-Richardson Co.

**TYPE 6641** 

## 2,500/4,000 WATT DAYLITE PAR®



### GLOBE TABLE

Type 6641 2,500/4,000 Watt Daylite 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
4000	HMI 4000 SE/HR	5600°K	200	500	24
4000	CSR 4000 SE/HR	5600°K	200	500	24
4000	MSR 4000 SE/HR	5600°K	200	500	24
2500	HMI 2500 SE/HR	5600°K	115	500	25.6
2500	CSR 2500 SE/HR	5600°K	115	500	25.6
2500	MSR 2500 SE/HR	5600°K	115	500	25.6

\*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.



Type 664129  
Medium Lens



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



Type 419109D  
Double  
Moledura Scrim

### SPECIFICATIONS

**HEAD:** Type 6641, 2,500/4,000 watts.

**RATING:** 220 volt A.C., 25 amps max.

**SOCKET:** G38, Heavy duty electrical grade porcelain body with friction type bi-posts brass inserts.

**SWITCH:** ON and OFF push-button switches mounted on rear of fixture.

**SAFETY SWITCH:** Interlock micro-switch at door shuts off power to globe sockets when door is opened. Globe cannot be turned on until door is closed.

**CABLE:** Attached 7-conductor, with male interlocking "Veam" type connector.

**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.

**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.

**FINISH:** Clear Anodized Aluminum/Black Powder Coated Enamel.

**SIZE:** 31.85" x 16.17" x 20.26"

**HEAD WEIGHT:** 39 lbs. (w/cable)

### 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
- 63970 Specular Intensifier
- 664114 Head Case
- 664110 2.5/4K Daylite Electronic System
- 500557 Junior Size Litewate Location  
(See Stand Section for more information & options)

### BALLAST & HEAD CABLE

- 638185 2,500W/4,000W Electronic Ballast  
(See Ballast Section for more information & options)
- 664115 Head Extension Cable-25 ft.
- 664108 Head Extension Cable-50 ft.

### PERFORMANCE DATA

2,500 WATT HMI DAYLITE PAR® Using 2,500 Watt, 2500 W/SE 5600°K HMI Lamp.

4,000 WATT HMI DAYLITE PAR® Using 4,000 Watt, 4000 W/SE 5600°K HMI Lamp.

Lens	20 Foot Distance		30 Foot Distance		40 Foot Distance		50 Foot Distance		75 Foot Distance		100 Foot Distance		150 Foot Distance		200 Foot Distance																	
	F.C.	Beam Dia. Feet	F.C.	Beam Dia. Feet	F.C.	Beam Dia. Feet	F.C.	Beam Dia. Feet	F.C.	Beam Dia. Feet	F.C.	Beam Dia. Feet	F.C.	Beam Dia. Feet	F.C.	Beam Dia. Feet																
No Lens	23,850	1.7	10,600	2.5	5,962	3.4	3,816	4.2	1,696	6.3	954	8.5	424	12.7	238	17.0	24,413	1.9	10,850	2.9	6,103	3.9	3,906	4.9	1,736	7.3	976	434	434	14.7	244	19.6
Narrow	9,492	2.6	4,218	3.9	2,373	5.2	1,518	6.5	675	9.8	379	13.1	168	19.6	94	26.2	10,906	3.2	4,847	4.8	2,726	6.4	1,745	8.1	775	12.1	436	193	193	24.2	109	32.3
Medium	2,406	10.3	1,069	15.5	601	20.6	385	25.8	171	38.7	96	51.7	42	77.5	24	103.4	3,281	8.6	1,458	12.9	820	17.2	525	21.6	233	32.4	131	58	58	64.7	32	86.3
Wide	1,328	20.8	590	31.2	332	41.6	212	52.0	94	78.0	53	104.1	23	156.1	13	208.2	1,938	19.6	861	29.4	484	39.2	310	49.0	137	73.5	77	34	34	147.1	19	196.1
Super Wide	718	23.3	319	34.9	179	46.6	115	58.3	51	87.4	28	116.6	12	174.9	7	233.2	734	22.6	326	33.9	183	45.2	117	56.5	52	84.8	29	13	13	169.7	7	226.3
Fresnel	460	13.4	204	20.1	115	26.8	74	33.5	33	50.2	18	66.9	8	100.4	5	133.8	760	13.6	338	20.4	190	27.2	122	33.9	54	50.9	30	14	14	101.8	8	135.8

\*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.

