

Mole-Richardson®



12,000/18,000 WATT HMI MOLEPAR®

TYPE 6601

FEATURES

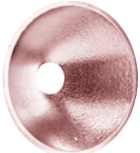
This newly redesigned 12/18K HMI MolePar® offers an improved compact design plus increased technician functionality. This fixture also includes a redesigned curved yoke, allowing the lamp head to tilt down to steeper operating positions. The revolutionary VariFocus Reflector is able to offer the lamp operator control of the beam output from narrow to flood position without the use of interchangeable lenses. Weighing in at only 67 lbs., this lightweight HMI MolePar® is a safe and "good guy" choice for use in an aerial lift, on a high light stand, or in other locations that may prohibit the use of large, sometimes cumbersome lenses. Capable of housing either a single ended 12K or 18K globe, this super efficient compact source defines superior "ease of use" while maintaining legendary Mole-Richardson reliability. Our latest ballast, Type 66065, features solid state electronics, flicker-free or silent operation modes, digital status display, integrated output dimmer and a convenient fold down handle and pneumatic wheels. Equipped with safety screen.



TYPE 6601 HMI MOLEPAR® MOUNTED ON
TYPE 500572 FOLDING CRANK-UP
LITEWATE STAND WITH TYPE 66065 12/18K
ELECTRONIC AC SQUAREWAVE BALLAST
AND TYPE 635196 EXTENSION CABLE



Standard with Fixture



Type 6602
VeriFocus Reflector

Optional Accessory



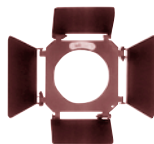
Type 660167
Polished Reflector



Type 66065
AC SquareWave Ballast



Type 635196
50' Head Cable



Type 41616A
4-Way Barn Door



Type 66057
Wide Lens Assembly



Type 416173D Double
Moledura Scrim

ACCESSORIES

- 6602 Verifocus Reflector (Standard with Fixture)
- 660167 Polished Reflector (Optional upon Request)
- 66065 12K/18K Electronic AC Square Wave Ballast
- 6305 Standard Magnetic Ballast
- 635196 50 ft. Head Cable.
- 41616 2-Way Barn Door
- 41616A 4-Way Barn Door
- 41699A Moledisc Diffuser Frame (21" dia.)
- 416141 Molering Diffuser Frame (21" dia.)
- 416340 Scrim Box

PERFORMANCE DATA

VeriFocus Reflector (Standard with Fixture)

Using 12,000 watt, 12,000 W/SE 5600°K HMI lamp. When using an 18,000 watt lamp, please add 30%.

Distance Feet	Light Intensity		Beam Dia.	
	F.C. (Spot)	F.C. (Flood)	Feet (Spot)	Feet (Flood)
25	10,512	3,024	4.5	13.3
30	7,300	2,100	5.5	16
40	4,106	1,181	7.3	21.4
50	2,628	756	9.1	26.7
75	1,168	336	13.7	40.1
100	657	189	18.3	56.6
150	292	84	27.5	80.3
200	164	47	36.6	107.1

*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.

ACCESSORIES (cont'd)

- G140 Scrim Bag
- 513 Shutter
- 51338 Shutter Box
- 6611 DMX Shutter Controller
- 635187 Extension Arms (Set of 3)
- 34724 Flat Diffuser Frame (Solid 4' x 4')
- 425100 Square Tube Diffuse Frame (Breakdown 4' x 4')
- 500353 Heavy Duty Ball Bearing
- 500350 C-Clamp and Adapter Assembly
- 416172S Half Single Moledura—Stainless Steel Scrim (21" dia.)
- 416172D Half Double Moledura—Stainless Steel Scrim (21" dia.)
- 416173S Single Moledura—Stainless Steel Scrim (21" dia.)
- 416173D Double Moledura—Stainless Steel Scrim (21" dia.)
- 66055 Narrow Lens Assembly
- 66056 Medium Lens Assembly
- 66057 Wide Lens Assembly
- 66058 Extra Wide Lens Assembly
- 66053 Lens Box

SPECIFICATIONS

HEAD: Type 6601, 12,000 watts
RATING: Operating voltage 220V: A.C., 50-60 Hertz, 78 amps max.
SOCKET: Type 66078 Heavy-duty electrical grade porcelain body with friction type Bi-post brass inserts and external socket release.
CONTROL SWITCHES: ON and OFF pushbutton switches mounted on rear of fixture. May be re-ignited when hot.
SAFETY SWITCHES: Interlock microswitch on front door. Shuts off power to globe sockets if door is open. Globe cannot be turned on until door is closed.
HEAD CONSTRUCTION: Solid and perforated aluminum.
YOKE: Aluminum tubing with aluminum trunion castings and 1 1/8" steel yoke pin.
REFLECTOR: Type 6602. Revolutionary VeriFocus Parabolic textured reflector offers beam output adjustment from spot to flood in one easy motion without the need for interchangeable lenses. (Standard with Fixture)
REFLECTOR: Type 660167. Highly polished alzak Parabolic reflector. (Optional upon Request)

PERFORMANCE DATA

Specular Reflector (Optional upon Request)

Using 12,000 watt, 12,000 W/SE 5600°K HMI lamp. When using an 18,000 watt lamp, please add 30%.

Lens Used	25 Feet		30 Feet		40 Feet		50 Feet		75 Feet		100 Feet		150 Feet		200 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	F.C.	Beam Dia. Feet
No Lens	27,440	4.3	19,055	5.2	10,718	6.9	6,860	8.6	3,048	13.0	1,715	17.2	762	25.8	430	34.4
Very Narrow Spot	16,500	5.0	11,460	6.0	6,450	8.0	4,125	10.0	1,830	15.0	1,031	20.0	458	30.0	260	40.0
Narrow Spot	5,860	5.9	4,070	7.0	2,290	9.4	1,465	12.0	650	17.7	366	23.6	163	35.4	92	47.21
Wide Flood	3,024	17.2	2,100	20.6	1,182	27.5	756	34.4	336	51.6	189	68.8	84	103.2	47	137.6
Extra Wide Flood	1,836	20.5	1,275	24.6	717	32.8	460	41.0	204	61.5	118	82.0	51	123.0	30	164.0

*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.

SPECIFICATIONS (cont'd)

FOCUS CONTROL: Adjustment knob on rear of fixture allows variable output of up to 1 2/3 F-stops.
FINISH: Silver Anodized.
HEAD WEIGHT: 67 lbs.
BEAM CONTROL: Accessory Types 66055, 66056, 66057, 66058. Four accessory Lens Assemblies from narrow spot to extra wide flood. The oval beam pattern created by the lenses may be rotated within the diffuser clips for vertical or horizontal beam orientation.
Accessory Type 66053 Lens Box for storage.
CABLE: Accessory Type 635196 Detachable, 50 feet, Type SO, 7 conductor, with male and female interlocking 'Veam' Type connectors.
CABLE WEIGHT: 37 lbs.
12K/18K ELECTRONIC AC SQUAREWAVE BALLAST: Accessory Type 66065
RATING: Input: 208 to 240 volts, 50 or 60 HZ, 80 amps max.
CONTROL SWITCHES: ON and OFF push-button switches mounted on Ballast control panel; may be re-ignited when hot.
CIRCUIT PROTECTION: Double circuit breaker and red indicator light.
BALLAST CABLE: Type 66066, power cable detachable, 10ft. With veam type connector on ballast end and customer specified plug on other end. (Included in price of ballast).
CONSTRUCTION: Solid and perforated sheet aluminum with cart.
FINISH: Anodized Aluminum.
SIZE: 27" x 20 1/2" x 30" (52" with handle raised).
BALLAST WEIGHT: 140 lbs.
BALLAST CABLE WEIGHT: 30 lbs.
STAND: 500572 Folding Crank-Up Litewate Stand.
LOW: 53 inches
HIGH: 120 inches (Two Risers)
FOLDED FOR STORAGE: 61 inches.
STAND TOP TO LIGHT CENTER: 27 1/2 inches.
STAND WEIGHT: 53 1/2 lbs.

GLOBE TABLE

Base — Bipost, G38; Burn any position; 10" L.C.L.

Watts	Ordering Code	Color Temp. °K	Volts	Life Hours	Amps
12,000	12,000 W/SE	5600	115	300	56.0
18,000	18,000 W/SE	5600	220	300	86.0

*The average color temperature decrease during life is .5°K-18°K per hour of operation. Globes not included in price of lamp. See price list for complete details.

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