



## DayLite Par



### TYPE 6791 12/18K DAYLITE PAR

Growing on the successful DayLite Par HMI line, Mole-Richardson Co. introduces the 12/18K DayLite Par. This new addition to the HMI arsenal will be the brightest single HMI Par available worldwide! Unlike traditional double ended 18K lamps, the new 12/18K Par capitalizes on the 12,000 and 18,000 watt single ended HMI with the larger and safer G51 base. In addition to the larger heat dissipating socket and base, this new lamp will be supported from the collar and not by the "pins" alone, thus improving reliability and overall lamp life.

Utilizing a highly polished parabolic reflector, and the interchangeable lenses, the 12/18K DayLite Par is able to achieve light output never before seen by a single source.

#### Features unique to the 12/18K Daylite Par

- The only fixture of its kind!
- Interchangeable lenses to vary beam spread from narrow to super wide.
- Compact, rugged construction and still weighing only 100 lbs.
- Adjustable accessory points for either 90° or 45° operation.

#### Additional features include:

Adjustable yoke pivot point, Input cable management, One-touch 4th clip, Dual purpose Skids/Handles and an Adjustable T-handle.

### Photometric Data Using 12K/18K, 5600°K HMI Lamp.

Clear Lens (5°)				
Distance	Spread/Feet	F.C.		
		12K	18K	
10	2.0	149,400	180,000	
20	4.0	37,350	45,000	
30	6.0	16,600	20,000	
40	7.9	9,337	11,250	
50	9.9	5,976	7,200	
75	14.8	2,656	3,200	
100	19.8	1,494	1,800	
150	29.7	664	800	
200	39.6	373	450	

Narrow Lens (7°)				
Distance	Spread/Feet	F.C.		
		12K	18K	
10	2.4	43,200	73,800	
20	4.8	10,800	18,750	
30	7.2	4,800	8,200	
40	9.7	2,700	4,612	
50	12.0	1,728	2,952	
75	18.0	768	1,312	
100	24.1	432	738	
150	36.2	192	328	
200	48.2	108	184	

Medium Lens (15° x 9°)				
Distance	Spread/Feet	F.C.		
		12K	18K	
10	3.9x2.4	28,800	51,300	
20	7.8x4.8	7,200	12,825	
30	11.7x7.2	3,200	5,700	
40	15.6x9.7	1,800	3,206	
50	19.5x12.0	1,152	2,052	
75	29.2x18.0	512	912	
100	38.9x24.1	288	513	
150	58.3x36.2	128	228	
200	77.8x48.2	72	128	

Wide Lens (28° x 10°)				
Distance	Spread/Feet	F.C.		
		12K	18K	
10	7.2x3.9	12,600	24,300	
20	14.4x7.8	3,150	6,075	
30	21.6x11.7	1,400	2,700	
40	28.7x15.5	787	1,518	
50	35.9x19.4	504	972	
75	53.9x29.2	224	432	
100	71.8x38.9	126	243	
150	107.7x55.3	56	108	
200	143.6x77.8	31	60	

Extra-Wide Lens (29°)				
Distance	Spread/Feet	F.C.		
		12K	18K	
10	8.8	7,200	13,500	
20	17.6	1,800	3,375	
30	26.4	800	1,500	
40	35.2	450	843	
50	44.0	288	540	
75	66.0	128	240	
100	88.0	72	135	
150	132.0	32	60	
200	176.0	18	33	