



18K HMI Par Head - Mole Richardson

HMI PHOTOMETRICS



Distance	10 ft. (3.0 m)	20 ft. (6.1 m)	30 ft. (9.1 m)	40 ft. (12.2 m)
Clear Lens 5°				
Footcandles	180,000	45,000	20,000	11,250
Spread/Feet	2.0 ft.	4.0 ft.	6.0 ft.	7.9 ft.
	0.6 m	1.2 m	1.8 m	2.4 m
Narrow Lens 7°				
Footcandles	73,000	18,750	8,200	4,612
Spread/Feet	2.4 ft.	4.8 ft.	7.2 ft.	9.7 ft.
	0.7 m	1.5 m	2.2 m	3.0 m
Medium Lens 15° x 9°				
Footcandles	51,300	12,825	5,700	3,206
Spread/Feet	3.9 x 2.4 ft.	7.8 x 4.8 ft.	11.7 x 7.2 ft.	15.6 x 9.7 ft.
	1.2 x 0.7 m	2.4 x 1.5 m	3.6 x 2.2 m	4.8 x 3 m
Wide Lens 28° x 10°				
Footcandles	24,300	6,075	2,700	1,518
Spread/Feet	7.2 x 3.9 ft.	14.4 x 7.8 ft.	21.6 x 11.7 ft.	28.7 x 15.5 ft.
	2.2 x 1.2 m	4.4 x 2.4 m	6.7 x 3.6 m	8.7 x 4.7 m
Extra-Wide Lens 29°				
Footcandles	13,500	3,375	1,500	843
Spread/Feet	8.8 ft.	17.6 ft.	26.4 ft.	35.2 ft.
	2.7 m	5.4 m	8.0 m	10.7 m

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Distance	50 ft. (15.2 m)	75 ft. (22.9 m)	100 ft. (30.5 ft.)	150 ft. (45.7 m)	200 ft. (61 m)
Clear Lens 5°					
Footcandles	7,200	3,200	1,800	800	450
Spread/Feet	9.9 ft.	14.8 ft.	19.8 ft.	29.7 ft.	39.6 ft.
	3.0 m	4.5 m	6.0 m	9.1 m	12.1 m
Narrow Lens 7°					
Footcandles	2,952	1,312	738	328	184
Spread/Feet	12.0 ft.	18.0 ft.	24.1 ft.	36.2 ft.	48.2 ft.
	3.7 m	5.5 m	7.3 m	11.0 m	14.7 m
Medium Lens 15° x 9°					
Footcandles	2,052	912	513	228	128
Spread/Feet	19.5 x 12.0 ft.	29.2 x 18.0 ft.	38.9 x 24.1 ft.	58.3 x 36.2 ft.	77.8 x 48.2 ft.
	5.9 x 3.7 m	8.9 x 5.5 m	11.9 x 7.3 m	17.8 x 11.0 m	23.7 x 14.7 m
Wide Lens 28° x 10°					
Footcandles	972	432	243	108	60
Spread/Feet	35.9 x 19.4 ft.	53.9 x 29.2 ft.	71.8 x 38.9 ft.	107.7 x 55.3 ft.	143.6 x 77.8 ft.
	10.9 x 5.9 m	16.4 x 8.9 m	21.9 x 11.9 m	32.8 x 16.9 m	43.8 x 23.7 m
Extra-Wide Lens 29°					
Footcandles	540	240	135	60	33
Spread/Feet	44.0 ft.	66.0 ft.	88.0 ft.	132.0 ft.	176.0 ft.
	13.4 m	20.1 m	26.8 m	40.2 m	53.6 m

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