



4K HMI Par Head - ARRISUN

HMI PHOTOMETRICS



Distance	35 ft. (10.7 m)	40 ft. (12.2 m)	60 ft. (18.3 m)	80 ft. (24.4 m)
Super Spot/No Lens				
Spot (5°)				
Footcandles	8,368	6,407	2,847	1,602
Spread/Feet	3.1 ft.	3.5 ft.	5.2 ft.	7.0 ft.
	0.9 m	1.1 m	1.6 m	2.1 m
Spot Lens				
Spot (7°)				
Footcandles	4,633	3,547	1,577	887
Spread/Feet	4.3 ft.	4.9 ft.	7.3 ft.	9.8 ft.
	1.3 m	1.5 m	2.2 m	3.0 m
Medium (10°)				
Footcandles	2,776	2,125	945	531
Spread/Feet	6.1 ft.	7.0 ft.	10.5 ft.	14.0 ft.
	1.9 m	2.1 m	3.2 m	4.3 m
Flood (15°)				
Footcandles	172	1,317	585	329
Spread/Feet	9.2 ft.	10.5 ft.	15.8 ft.	21.1 ft.
	2.8 m	3.2 m	4.8 m	6.4 m
Medium Lens				
Spot (10° x 19°)				
Footcandles	1,825	1,397	621	349
Spread/Feet	6.1 x 11.7 ft.	7.0 x 13.4 ft.	10.5 x 20.1 ft.	14.0 x 26.8 ft.
	1.9 x 3.6 m	2.1 x 4.1 m	3.2 x 6.1 m	4.3 x 8.2 m

Partners in Production®

VANCOUVER

CALGARY

WINNIPEG

TORONTO

SUDBURY

HALIFAX

Distance	35 ft. (10.7 m)	40 ft. (12.2 m)	60 ft. (18.3 m)	80 ft. (24.4 m)
Medium (18° x 21°)				
Footcandles	1,039	795	354	199
Spread/Feet	11.1 x 13.0 ft.	12.7 x 14.8 ft.	19.0 x 22.2 ft.	25.3 x 29.7 ft.
	3.4 x 4.0 m	3.9 x 4.5 m	5.8 x 6.8 m	7.7 x 9.1 m
Flood (19° x 23°)				
Footcandles	816	625	278	156
Spread/Feet	11.7 x 14.2 ft.	13.4 x 16.3 ft.	20.1 x 24.4 ft.	26.8 x 32.6 ft.
	3.6 x 4.3 m	4.1 x 5.0 m	6.1 x 7.4 m	8.2 x 9.9 m
Wide Lens				
Spot (18° x 26°)				
Footcandles	633	484	215	121
Spread/Feet	11.1 x 16.2 ft.	12.7 x 18.5 ft.	19.0 x 27.7 ft.	25.3 x 36.9 ft.
	3.4 x 4.9 m	3.9 x 5.6 m	5.8 x 8.4 m	7.7 x 11.2 m
Medium (19° x 35°)				
Footcandles	531	407	181	102
Spread/Feet	11.7 x 22.1 ft.	13.4 x 25.2 ft.	20.1 x 37.8 ft.	26.8 x 50.4 ft.
	3.6 x 6.7 m	4.1 x 7.7 m	6.1 x 11.5 m	8.2 x 15.4 m
Flood (20° x 43°)				
Footcandles	369	283	126	71
Spread/Feet	12.3 x 27.6 ft.	14.1 x 31.5 ft.	21.2 x 46.3 ft.	28.2 x 63.0 ft.
	3.7 x 8.4 m	4.3 x 9.6 m	6.5 x 14.4 m	8.6 x 19.2 m
Super Wide Lens				
Spot (41°)				
Footcandles	327	250	111	63
Spread/Feet	26.2 ft.	29.9 ft.	44.9 ft.	59.8 ft.
	8.0 m	9.1 m	13.7 m	18.2 m
Medium (45°)				
Footcandles	292	224	99	56
Spread/Feet	29.0 ft.	33.1 ft.	49.7 ft.	66.3 ft.
	8.8 m	10.1 m	15.1 m	20.2 m
Flood (53°)				
Footcandles	214	164	73	41
Spread/Feet	34.9 ft.	39.9 ft.	59.8 ft.	79.8 ft.
	10.6 m	12.2 m	18.2 m	24.3 m

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HALIFAX

Distance	35 ft. (10.7 m)	40 ft. (12.2 m)	60 ft. (18.3 m)	80 ft. (24.4 m)
Frosted Lens				
Spot (39°)				
Footcandles	216	166	74	41
Spread/Feet	24.8 ft.	28.3 ft.	42.5 ft.	56.7 ft.
	7.6 m	8.6 m	13.0 m	17.3 m
Medium (45°)				
Footcandles	185	142	63	35
Spread/Feet	29.0 ft.	33.1 ft.	49.7 ft.	66.3 ft.
	8.8 m	10.1 m	15.1 m	20.2 m
Flood (52°)				
Footcandles	146	112	50	28
Spread/Feet	34.1 ft.	39.0 ft.	58.5 ft.	78.0 ft.
	10.4 m	11.9 m	17.8 m	23.8 m

Lens Performance	
Super Spot/No Lens Performance at any distance:	
Footcandles (or lux) = 10,251,000 ÷ Distance²	Beam Diameter = Distance x 0.09
Spot Lens Performance at any distance:	
Footcandles (or lux) = 3,400,600 ÷ Distance²	Beam Diameter = Distance x 0.18
Medium Lens Performance at any distance:	
Footcandles (or lux) = 1,272,775 ÷ Distance²	Beam Diameter = Distance x 0.32
	Beam Diameter = Distance x 0.37
Wide Lens Performance at any distance:	
Footcandles (or lux) = 650,475 ÷ Distance²	Beam Diameter = Distance x 0.34
	Beam Diameter = Distance x 0.63
Super Wide Lens Performance at any distance:	
Footcandles (or lux) = 357,700 ÷ Distance²	Beam Diameter = Distance x 0.83
Frosted Lens Performance at any distance:	
Footcandles (or lux) = 226,625 ÷ Distance²	Beam Diameter = Distance x 0.83

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HALIFAX