



6K HMI Par Head - Mole Richardson

HMI PHOTOMETRICS



| Distance | 20 ft. (6.1 m) | 25 ft. (7.6 m) | 30 ft. (9.1 m) | 40 ft. (12.2 m) | 50 ft. (15.2 m) | 60 ft. (18.3 m) |
|--------------------------------|----------------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| No Lens 3.2° | | | | | | |
| Footcandles | 26,219 | 16,780 | 11,653 | 6,555 | 4,195 | 2,913 |
| Spread/Feet | 1.1 ft. | 1.4 ft. | 1.7 ft. | 2.2 ft. | 2.8 ft. | 3.4 ft. |
| | 0.3 m | 0.4 m | 0.5 m | 0.7 m | 0.9 m | 1.04 m |
| Narrow Lens 11.6° | | | | | | |
| Footcandles | 14,438 | 9,240 | 6,417 | 3,609 | 2,310 | 1,604 |
| Spread/Feet | 4.1 ft. | 5.1 ft. | 6.1 ft. | 8.1 ft. | 10.2 ft. | 12.2 ft. |
| | 1.25 m | 1.6 m | 1.9 m | 2.5 m | 3.1 m | 3.7 m |
| Medium Lens 32° x 15.5° | | | | | | |
| Footcandles | 3,315 | 2,122 | 1,473 | 829 | 530 | 368 |
| W x H/Ft. | 11.5 X 5.4 ft. | 14.3 X 6.8 ft. | 17.2 X 8.2 ft. | 22.9 X 10.9 ft. | 28.7 x 13.6 ft. | 34.4 X 16.3 ft. |
| | 3.5 x 1.6 m | 4.4 x 2.1 m | 5.2 x 2.5 m | 7 x 3.3 m | 8.7 x 4.1 m | 10.5 x 5 m |
| Wide Lens 52.4° x 19.8° | | | | | | |
| Footcandles | 1,790 | 1,146 | 796 | 448 | 286 | 199 |
| W x H/Ft. | 19.7 x 7.0 ft. | 24.6 X 8.7 ft. | 29.5 X 10.5 ft. | 39.4 X 14.0 ft. | 49.2 X 17.5 ft. | 59.0 X 20.9 ft. |
| | 6 x 2.1 m | 7.5 x 2.7 m | 9 x 3.2 m | 12 x 4.3 m | 15 x 5.3 m | 18 x 6.4 m |
| Extra-Wide Lens 69.6° | | | | | | |
| Footcandles | 570 | 365 | 253 | 143 | 91 | 63 |
| Spread/Feet | 27.8 ft. | 34.8 ft. | 41.7 ft. | 55.6 ft. | 69.5 ft. | 83.4 ft. |
| | 8.5 m | 10.6 m | 12.7 m | 16.9 m | 21.2 m | 25.4 m |

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| Distance | 75 ft. (22.9 m) | 100 ft. (30.5 m) | 125 ft. (38.1 m) | 150 ft. (45.7 m) | 175 ft. (53.3 m) | 200 ft. (61 m) |
|--------------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------------|
| No Lens 3.2° | | | | | | |
| Footcandles | 1,864 | 1,049 | 671 | 466 | 342 | 262 |
| Spread/Feet | 4.2 ft. | 5.6 ft. | 7.0 ft. | 8.4 ft. | 9.8 ft. | 11.2 ft. |
| | 1.3 m | 1.7 m | 2.1 m | 2.6 m | 3 m | 3.4 m |
| Narrow Lens 11.6° | | | | | | |
| Footcandles | 1,027 | 578 | 370 | 257 | 189 | 144 |
| Spread/Feet | 15.2 ft. | 20.3 ft. | 25.4 ft. | 30.5 ft. | 35.6 ft. | 40.6 ft. |
| | 4.6 m | 6.2 m | 7.7 m | 9.3 m | 10.6 m | 12.4 m |
| Medium Lens 32° x 15.5° | | | | | | |
| Footcandles | 236 | 133 | 85 | 59 | 43 | 33 |
| W x H/Ft. | 43.0 | 57.3 | 71.7 | 86.0 | 100.4 | 114.7 |
| | X | X | X | X | X | X |
| | 20.4 ft. | 27.2 ft. | 34.0 ft. | 40.8 ft. | 47.6 ft. | 54.4 ft. |
| | 13.1 | 17.5 | 21.9 | 26.2 | 30.6 | 40 |
| | X | X | X | X | X | X |
| | 6.2 m | 8.3 m | 10.4 m | 12.4 m | 14.5 m | 16.6 m |
| Wide Lens 52.4° x 19.8° | | | | | | |
| Footcandles | 127 | 72 | 46 | 32 | 23 | 18 |
| W x H/Ft. | 73.8 | 98.4 | 123.0 | 147.6 | 172.2 | 196.8 |
| | X | X | X | X | X | X |
| | 26.2 ft. | 34.9 ft. | 43.6 ft. | 52.4 ft. | 61.1 ft. | 69.8 ft. |
| | 22.5 | 30 | 37.5 | 45 | 52.5 | 60 |
| | X | X | X | X | X | X |
| | 8 m | 10.6 m | 13.3 m | 16 m | 18.6 m | 21.3 m |
| Extra-Wide Lens 69.6° | | | | | | |
| Footcandles | 41 | 23 | 15 | 10 | 7 | 6 |
| Spread/Feet | 104.3 ft. | 139.0 ft. | 173.8 ft. | 208.5 ft. | 243.3 ft. | 278.0 ft. |
| | 31.2 m | 42.4 m | 53 m | 63.6 m | 74.2 m | 84.7 m |

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