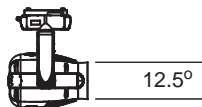


FRESNEL FRONT LENS

VARI*BRITE Lens (Open)

Field Angle: **12.5°**
Lumens: **48478**



| Distance | Field Diameter | Center Beam (lux) |
|----------|----------------|-------------------|
| 5 m | 1.1 m | 129656 |
| 10 m | 2.2 m | 32414 |
| 15 m | 3.3 m | 14406 |
| 20 m | 4.4 m | 8104 |
| 25 m | 5.5 m | 5186 |

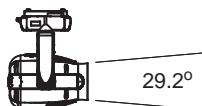
| Distance | Field Diameter | Center Beam (fc) |
|----------|----------------|------------------|
| 16 ft | 3.5 ft | 12662 |
| 32 ft | 7.1 ft | 3165 |
| 48 ft | 10.6 ft | 1407 |
| 64 ft | 14.1 ft | 791 |
| 80 ft | 17.7 ft | 506 |

Notes:

1. All measurements were taken using Osram SharXS® HTI® 1500 W/D7/60 lamps at 1650W.
2. Light output values are nominal and based on the average output of a sample of production luminaires.
3. The illuminance (I) values listed in foot candles (fc) and lux are measurements taken at the center of the beam.
4. VARI*BRITE mode was set to DMX value 255, which opens (splits) the internal lens for maximum light output.
5. Internal-lens Zoom settings: narrow (rear position - DMX = 0), mid (mid position - DMX = 127), wide (front position - DMX = 255).
6. Graphic illustrations in this table are representations only. Not to scale. Information contained herein is subject to change without prior notice.

BUXOM Lens

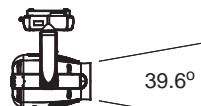
Field Angle: **29.2° (Narrow)**
Lumens: **32275**



| Distance | Field Diameter | Center Beam (lux) |
|----------|----------------|-------------------|
| 5 m | 2.8 m | 13644 |
| 10 m | 5.6 m | 3411 |
| 15 m | 8.4 m | 1516 |
| 20 m | 11.2 m | 853 |
| 25 m | 14.0 m | 546 |

| Distance | Field Diameter | Center Beam (fc) |
|----------|----------------|------------------|
| 16 ft | 8.9 ft | 1332 |
| 32 ft | 17.9 ft | 333 |
| 48 ft | 26.8 ft | 148 |
| 64 ft | 35.7 ft | 83 |
| 80 ft | 44.6 ft | 53 |

Field Angle: **39.6° (Mid)**
Lumens: **39314**



| Distance | Field Diameter | Center Beam (lux) |
|----------|----------------|-------------------|
| 5 m | 4.1 m | 8502 |
| 10 m | 8.3 m | 2126 |
| 15 m | 12.4 m | 945 |
| 20 m | 16.5 m | 531 |
| 25 m | 20.7 m | 340 |

| Distance | Field Diameter | Center Beam (fc) |
|----------|----------------|------------------|
| 16 ft | 13.2 ft | 830 |
| 32 ft | 26.5 ft | 208 |
| 48 ft | 39.7 ft | 92 |
| 64 ft | 52.9 ft | 52 |
| 80 ft | 66.2 ft | 33 |

Field Angle: **48.5° (Wide)**
Lumens: **43467**

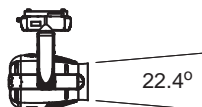


| Distance | Field Diameter | Center Beam (lux) |
|----------|----------------|-------------------|
| 5 m | 5.7 m | 6098 |
| 10 m | 11.3 m | 1525 |
| 15 m | 17.0 m | 678 |
| 20 m | 22.6 m | 381 |
| 25 m | 28.3 m | 244 |

| Distance | Field Diameter | Center Beam (fc) |
|----------|----------------|------------------|
| 16 ft | 18.1 ft | 596 |
| 32 ft | 36.2 ft | 149 |
| 48 ft | 54.2 ft | 66 |
| 64 ft | 72.3 ft | 37 |
| 80 ft | 90.4 ft | 24 |

FRESNEL Lens

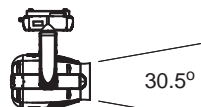
Field Angle: **22.4° (Narrow)**
Lumens: **49790**



| Distance | Field Diameter | Center Beam (lux) |
|----------|----------------|-------------------|
| 5 m | 2.1 m | 47132 |
| 10 m | 4.1 m | 11783 |
| 15 m | 6.2 m | 5237 |
| 20 m | 8.2 m | 2946 |
| 25 m | 10.3 m | 1885 |

| Distance | Field Diameter | Center Beam (fc) |
|----------|----------------|------------------|
| 16 ft | 8.9 ft | 4603 |
| 32 ft | 17.9 ft | 1151 |
| 48 ft | 26.8 ft | 511 |
| 64 ft | 35.7 ft | 288 |
| 80 ft | 44.6 ft | 184 |

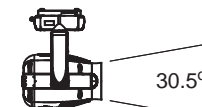
Field Angle: **30.5° (Mid)**
Lumens: **40758**



| Distance | Field Diameter | Center Beam (lux) |
|----------|----------------|-------------------|
| 5 m | 2.9 m | 23813 |
| 10 m | 5.9 m | 5953 |
| 15 m | 8.8 m | 2646 |
| 20 m | 11.8 m | 1488 |
| 25 m | 14.7 m | 953 |

| Distance | Field Diameter | Center Beam (fc) |
|----------|----------------|------------------|
| 16 ft | 9.4 ft | 2325 |
| 32 ft | 18.8 ft | 581 |
| 48 ft | 28.3 ft | 258 |
| 64 ft | 37.7 ft | 145 |
| 80 ft | 47.1 ft | 93 |

Field Angle: **30.5° (Wide)**
Lumens: **25739**



| Distance | Field Diameter | Center Beam (lux) |
|----------|----------------|-------------------|
| 5 m | 2.9 m | 15222 |
| 10 m | 5.9 m | 3805 |
| 15 m | 8.8 m | 1691 |
| 20 m | 11.8 m | 951 |
| 25 m | 14.7 m | 609 |

| Distance | Field Diameter | Center Beam (fc) |
|----------|----------------|------------------|
| 16 ft | 9.4 ft | 1487 |
| 32 ft | 18.8 ft | 372 |
| 48 ft | 28.3 ft | 165 |
| 64 ft | 37.7 ft | 93 |
| 80 ft | 47.1 ft | 59 |

CLEAR FRONT LENS

VARI*BRITE Lens (Open)

Field Angle: **9.6°**
Lumens: **71102**



| Distance | Field Diameter | Center Beam (lux) |
|----------|----------------|-------------------|
| 5 m | 0.8 m | 384492 |
| 10 m | 1.7 m | 96123 |
| 15 m | 2.5 m | 42721 |
| 20 m | 3.4 m | 24031 |
| 25 m | 4.2 m | 15380 |

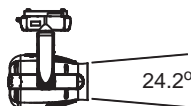
| Distance | Field Diameter | Center Beam (fc) |
|----------|----------------|------------------|
| 16 ft | 2.7 ft | 37548 |
| 32 ft | 5.4 ft | 9387 |
| 48 ft | 8.1 ft | 4172 |
| 64 ft | 10.8 ft | 2347 |
| 80 ft | 13.5 ft | 1502 |

Notes:

1. All measurements were taken using Osram SharXS® HTI® 1500 W/D7/60 lamps at 1650W.
2. Light output values are nominal and based on the average output of a sample of production luminaires.
3. The illuminance (I) values listed in foot candles (fc) and lux are measurements taken at the center of the beam.
4. VARI*BRITE mode was set to DMX value 255, which opens (splits) the internal lens for maximum light output.
5. Internal-lens Zoom settings: narrow (rear position - DMX = 0), mid (mid position - DMX = 127), wide (front position - DMX = 255).
6. Graphic illustrations in this table are representations only. Not to scale. Information contained herein is subject to change without prior notice.

BUXOM Lens

Field Angle: **24.2° (Narrow)**
Lumens: **45736**



| Distance | Field Diameter | Center Beam (lux) |
|----------|----------------|-------------------|
| 5 m | 2.2 m | 27440 |
| 10 m | 4.5 m | 6860 |
| 15 m | 6.7 m | 3049 |
| 20 m | 9.0 m | 1715 |
| 25 m | 11.2 m | 1098 |

| Distance | Field Diameter | Center Beam (fc) |
|----------|----------------|------------------|
| 16 ft | 7.2 ft | 2680 |
| 32 ft | 14.4 ft | 670 |
| 48 ft | 21.6 ft | 298 |
| 64 ft | 28.7 ft | 167 |
| 80 ft | 35.9 ft | 107 |

Field Angle: **34.5° (Mid)**
Lumens: **52558**



| Distance | Field Diameter | Center Beam (lux) |
|----------|----------------|-------------------|
| 5 m | 3.4 m | 13713 |
| 10 m | 6.9 m | 3428 |
| 15 m | 10.3 m | 1524 |
| 20 m | 13.7 m | 857 |
| 25 m | 17.2 m | 549 |

| Distance | Field Diameter | Center Beam (fc) |
|----------|----------------|------------------|
| 16 ft | 11.0 ft | 1339 |
| 32 ft | 22.0 ft | 335 |
| 48 ft | 33.0 ft | 149 |
| 64 ft | 44.0 ft | 84 |
| 80 ft | 55.0 ft | 54 |

Field Angle: **43.6° (Wide)**
Lumens: **52727**

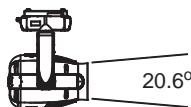


| Distance | Field Diameter | Center Beam (lux) |
|----------|----------------|-------------------|
| 5 m | 4.8 m | 10582 |
| 10 m | 9.5 m | 2645 |
| 15 m | 14.3 m | 1176 |
| 20 m | 19.0 m | 661 |
| 25 m | 23.8 m | 423 |

| Distance | Field Diameter | Center Beam (fc) |
|----------|----------------|------------------|
| 16 ft | 15.2 ft | 1033 |
| 32 ft | 30.5 ft | 258 |
| 48 ft | 45.7 ft | 115 |
| 64 ft | 60.9 ft | 65 |
| 80 ft | 76.2 ft | 41 |

FRESNEL Lens

Field Angle: **20.6° (Narrow)**
Lumens: **59280**



| Distance | Field Diameter | Center Beam (lux) |
|----------|----------------|-------------------|
| 5 m | 1.9 m | 77322 |
| 10 m | 3.8 m | 19331 |
| 15 m | 5.6 m | 8591 |
| 20 m | 7.5 m | 4833 |
| 25 m | 9.4 m | 3093 |

| Distance | Field Diameter | Center Beam (fc) |
|----------|----------------|------------------|
| 16 ft | 6.0 ft | 7551 |
| 32 ft | 12.0 ft | 1888 |
| 48 ft | 18.0 ft | 839 |
| 64 ft | 24.0 ft | 472 |
| 80 ft | 30.0 ft | 302 |

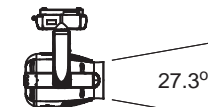
Field Angle: **27.3° (Mid)**
Lumens: **43470**



| Distance | Field Diameter | Center Beam (lux) |
|----------|----------------|-------------------|
| 5 m | 2.6 m | 40931 |
| 10 m | 5.2 m | 10233 |
| 15 m | 8.8 m | 4548 |
| 20 m | 7.7 m | 2558 |
| 25 m | 12.9 m | 1637 |

| Distance | Field Diameter | Center Beam (fc) |
|----------|----------------|------------------|
| 16 ft | 8.3 ft | 3997 |
| 32 ft | 16.5 ft | 999 |
| 48 ft | 24.8 ft | 444 |
| 64 ft | 33.0 ft | 250 |
| 80 ft | 41.3 ft | 160 |

Field Angle: **27.3° (Wide)**
Lumens: **28045**



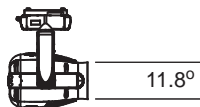
| Distance | Field Diameter | Center Beam (lux) |
|----------|----------------|-------------------|
| 5 m | 2.6 m | 24555 |
| 10 m | 5.2 m | 6139 |
| 15 m | 7.7 m | 2728 |
| 20 m | 10.3 m | 1535 |
| 25 m | 12.9 m | 982 |

| Distance | Field Diameter | Center Beam (fc) |
|----------|----------------|------------------|
| 16 ft | 8.3 ft | 2398 |
| 32 ft | 16.5 ft | 599 |
| 48 ft | 24.8 ft | 266 |
| 64 ft | 33.0 ft | 150 |
| 80 ft | 41.3 ft | 96 |

STIPPLED FRONT LENS

VARIBRITE* Lens (Open)**

Field Angle: **11.8°**
Lumens: **59161**



| Distance | Field Diameter | Center Beam (lux) |
|----------|----------------|-------------------|
| 5 m | 1.0 m | 188048 |
| 10 m | 2.1 m | 47012 |
| 15 m | 3.1 m | 20894 |
| 20 m | 4.2 m | 11753 |
| 25 m | 5.2 m | 7522 |

| Distance | Field Diameter | Center Beam (fc) |
|----------|----------------|------------------|
| 16 ft | 3.3 ft | 18364 |
| 32 ft | 6.7 ft | 4591 |
| 48 ft | 10.0 ft | 2040 |
| 64 ft | 13.3 ft | 1148 |
| 80 ft | 16.6 ft | 735 |

Notes:

1. All measurements were taken using Osram SharXS® HTI® 1500 W/D7/60 lamps at 1650W.
2. Light output values are nominal and based on the average output of a sample of production luminaires.
3. The illuminance (I) values listed in foot candles (fc) and lux are measurements taken at the center of the beam.
4. VARI**BRITE* mode was set to DMX value 255, which opens (splits) the internal lens for maximum light output.
5. Internal-lens Zoom settings: narrow (rear position - DMX = 0), mid (mid position - DMX = 127), wide (front position - DMX = 255).
6. Graphic illustrations in this table are representations only. Not to scale. Information contained herein is subject to change without prior notice.

BUXOM Lens

Field Angle: **27.0° (Narrow)**
Lumens: **41781**



| Distance | Field Diameter | Center Beam (lux) |
|----------|----------------|-------------------|
| 5 m | 2.5 m | 21544 |
| 10 m | 5.1 m | 5386 |
| 15 m | 7.6 m | 2394 |
| 20 m | 10.2 m | 1346 |
| 25 m | 12.7 m | 862 |

| Distance | Field Diameter | Center Beam (fc) |
|----------|----------------|------------------|
| 16 ft | 8.1 ft | 2104 |
| 32 ft | 16.3 ft | 526 |
| 48 ft | 24.4 ft | 234 |
| 64 ft | 32.6 ft | 131 |
| 80 ft | 40.7 ft | 84 |

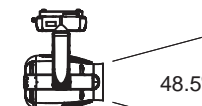
Field Angle: **38.9° (Mid)**
Lumens: **49476**



| Distance | Field Diameter | Center Beam (lux) |
|----------|----------------|-------------------|
| 5 m | 4.0 m | 11205 |
| 10 m | 8.1 m | 2801 |
| 15 m | 12.1 m | 1245 |
| 20 m | 16.1 m | 700 |
| 25 m | 20.2 m | 448 |

| Distance | Field Diameter | Center Beam (fc) |
|----------|----------------|------------------|
| 16 ft | 12.9 ft | 1094 |
| 32 ft | 25.8 ft | 274 |
| 48 ft | 38.7 ft | 122 |
| 64 ft | 51.6 ft | 68 |
| 80 ft | 64.5 ft | 44 |

Field Angle: **48.5° (Wide)**
Lumens: **50011**

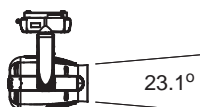


| Distance | Field Diameter | Center Beam (lux) |
|----------|----------------|-------------------|
| 5 m | 5.7 m | 7575 |
| 10 m | 11.3 m | 1894 |
| 15 m | 17.0 m | 842 |
| 20 m | 22.6 m | 473 |
| 25 m | 28.3 m | 303 |

| Distance | Field Diameter | Center Beam (fc) |
|----------|----------------|------------------|
| 16 ft | 18.1 ft | 740 |
| 32 ft | 36.2 ft | 185 |
| 48 ft | 54.2 ft | 82 |
| 64 ft | 72.3 ft | 46 |
| 80 ft | 90.4 ft | 30 |

FRESNEL Lens

Field Angle: **23.1° (Narrow)**
Lumens: **53655**



| Distance | Field Diameter | Center Beam (lux) |
|----------|----------------|-------------------|
| 5 m | 2.1 m | 48345 |
| 10 m | 4.3 m | 12086 |
| 15 m | 6.4 m | 5372 |
| 20 m | 8.5 m | 3022 |
| 25 m | 10.7 m | 1934 |

| Distance | Field Diameter | Center Beam (fc) |
|----------|----------------|------------------|
| 16 ft | 6.8 ft | 4721 |
| 32 ft | 13.6 ft | 1180 |
| 48 ft | 20.4 ft | 525 |
| 64 ft | 27.3 ft | 295 |
| 80 ft | 34.1 ft | 189 |

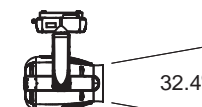
Field Angle: **31.9° (Mid)**
Lumens: **42487**



| Distance | Field Diameter | Center Beam (lux) |
|----------|----------------|-------------------|
| 5 m | 3.1 m | 23787 |
| 10 m | 6.2 m | 5947 |
| 15 m | 9.3 m | 2643 |
| 20 m | 12.4 m | 1487 |
| 25 m | 15.6 m | 951 |

| Distance | Field Diameter | Center Beam (fc) |
|----------|----------------|------------------|
| 16 ft | 10.0 ft | 2323 |
| 32 ft | 19.9 ft | 581 |
| 48 ft | 29.9 ft | 258 |
| 64 ft | 39.8 ft | 145 |
| 80 ft | 49.8 ft | 93 |

Field Angle: **32.4° (Wide)**
Lumens: **27619**



| Distance | Field Diameter | Center Beam (lux) |
|----------|----------------|-------------------|
| 5 m | 3.2 m | 14277 |
| 10 m | 6.3 m | 3569 |
| 15 m | 9.5 m | 1586 |
| 20 m | 12.7 m | 892 |
| 25 m | 15.9 m | 571 |

| Distance | Field Diameter | Center Beam (fc) |
|----------|----------------|------------------|
| 16 ft | 10.1 ft | 1394 |
| 32 ft | 20.3 ft | 349 |
| 48 ft | 30.4 ft | 155 |
| 64 ft | 40.6 ft | 87 |
| 80 ft | 50.7 ft | 56 |