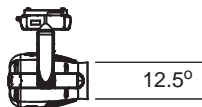


**FRESNEL FRONT LENS**

**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

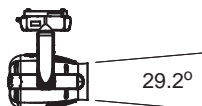
Distance	Field Diameter	Center Beam (fc)
16 ft	3.5 ft	12662
32 ft	7.1 ft	3165
48 ft	10.6 ft	1407
64 ft	14.1 ft	791
80 ft	17.7 ft	506

**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**

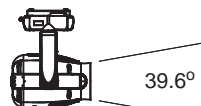
Field Angle: **29.2° (Narrow)**  
Lumens: **32275**



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**

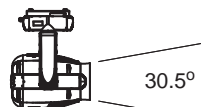
Field Angle: **22.4° (Narrow)**  
Lumens: **49790**



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

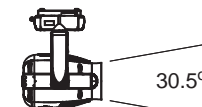
Field Angle: **30.5° (Mid)**  
Lumens: **40758**



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**



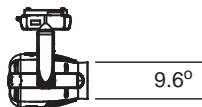
Distance	Field Diameter	Center Beam (lux)
5 m	2.9 m	15222
10 m	5.9 m	3805
15 m	8.8 m	1691
20 m	11.8 m	951
25 m	14.7 m	609

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

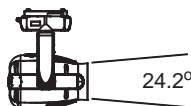
Distance	Field Diameter	Center Beam (fc)
16 ft	2.7 ft	37548
32 ft	5.4 ft	9387
48 ft	8.1 ft	4172
64 ft	10.8 ft	2347
80 ft	13.5 ft	1502

**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).
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**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**

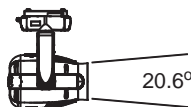


Distance	Field Diameter	Center Beam (lux)
5 m	4.8 m	10582
10 m	9.5 m	2645
15 m	14.3 m	1176
20 m	19.0 m	661
25 m	23.8 m	423

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

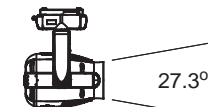
Field Angle: **27.3° (Mid)**  
Lumens: **43470**



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**



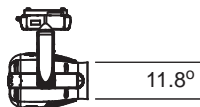
Distance	Field Diameter	Center Beam (lux)
5 m	2.6 m	24555
10 m	5.2 m	6139
15 m	7.7 m	2728
20 m	10.3 m	1535
25 m	12.9 m	982

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**

**VARI\*BRITE 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

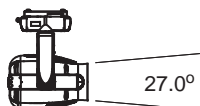
Distance	Field Diameter	Center Beam (fc)
16 ft	3.3 ft	18364
32 ft	6.7 ft	4591
48 ft	10.0 ft	2040
64 ft	13.3 ft	1148
80 ft	16.6 ft	735

**Notes:**

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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).
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**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

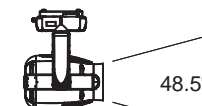
Field Angle: **38.9° (Mid)**  
Lumens: **49476**



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**

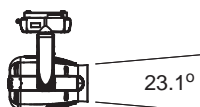


Distance	Field Diameter	Center Beam (lux)
5 m	5.7 m	7575
10 m	11.3 m	1894
15 m	17.0 m	842
20 m	22.6 m	473
25 m	28.3 m	303

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

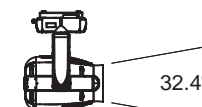
Field Angle: **31.9° (Mid)**  
Lumens: **42487**



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