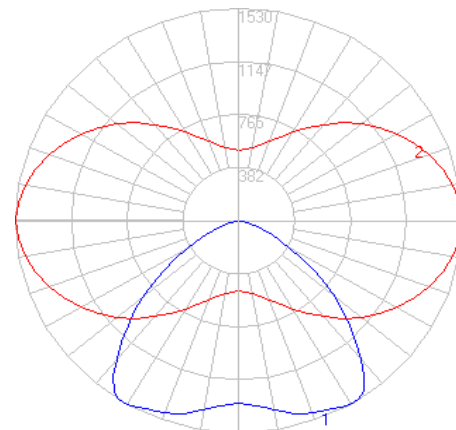
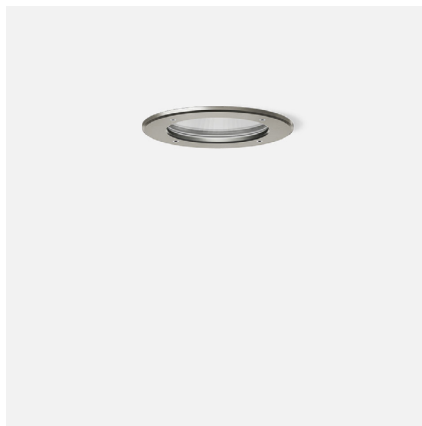


BEGA

File: 24332K4_BEGA_IES.ies

TEST: BE_24332K4
TEST LAB: BEGA
DATE: 6/18/2019
LUMINAIRE: 24 332K4
LAMP: 24.1W LED

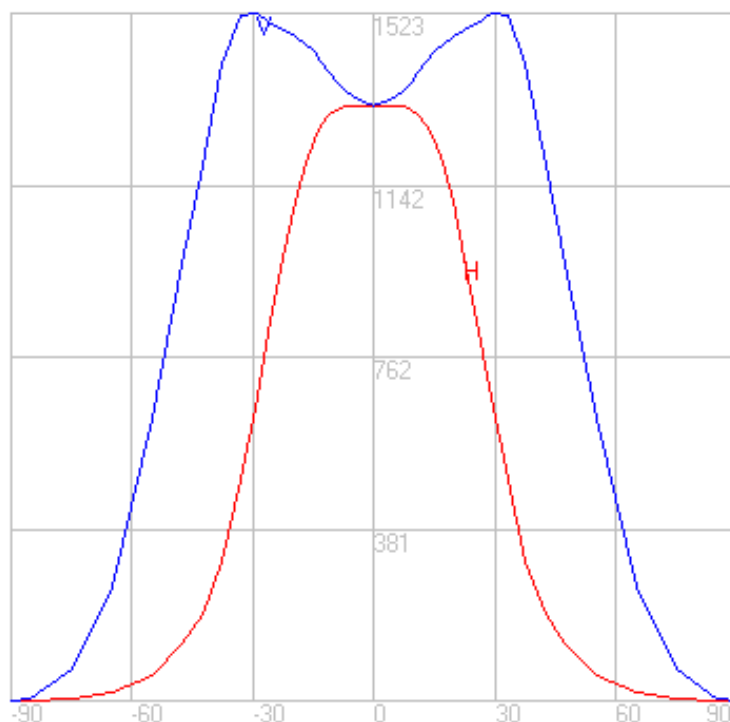
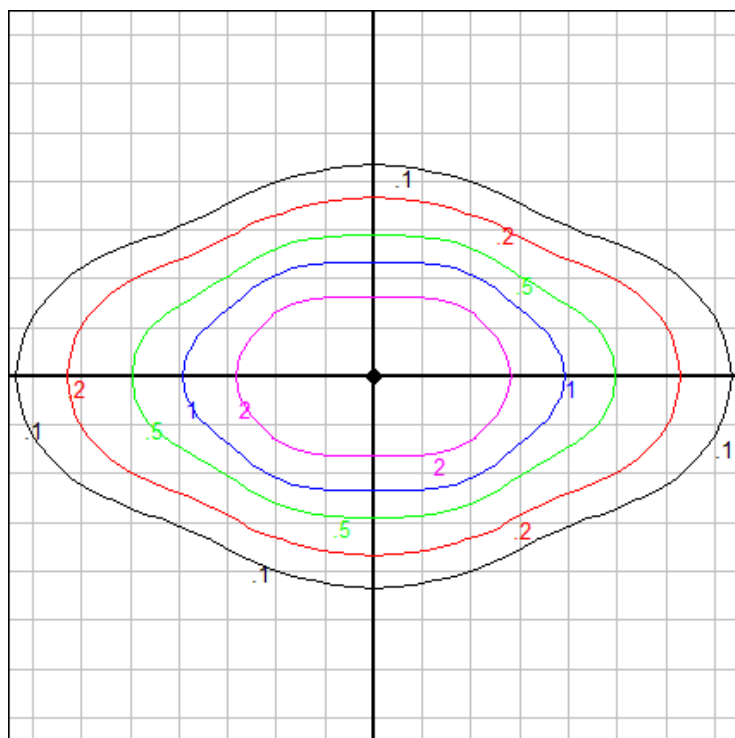


Characteristics

NEMA Type	5 H x 7 V
Maximum Candela	1523.14
Maximum Candela Angle	0 H -29 V
Horizontal Beam Angle (50%)	47.0
Vertical Beam Angle (50%)	104.2
Horizontal Field Angle (10%)	78.8
Vertical Field Angle (10%)	140.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1613
Beam Efficiency	N.A.
Field Lumens	2110
Field Efficiency	N.A.
Spill Lumens	125
Luminaire Lumens	2235
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	127.61
10-20	381.36
20-30	564.02
30-40	540.43
40-50	329.54
50-60	181.51
60-70	75.84
70-80	22.51
80-90	2.66
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Mounting Height: 20 ft.

Grid Spacing: 5 ft.

In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

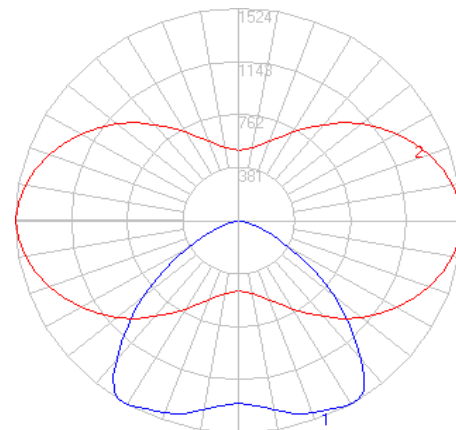
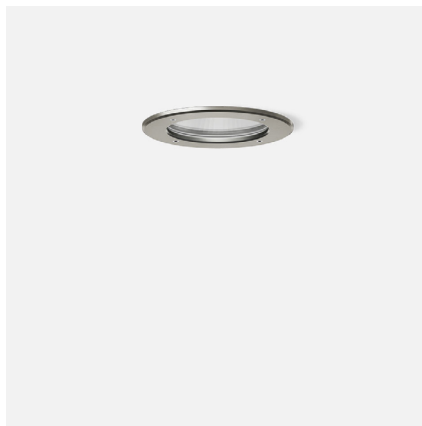
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File: 24332K35_BEGA_IES.ies

TEST: BE_24332K4
TEST LAB: BEGA
DATE: 6/18/2019
LUMINAIRE: 24 332K35
LAMP: 24.1W LED

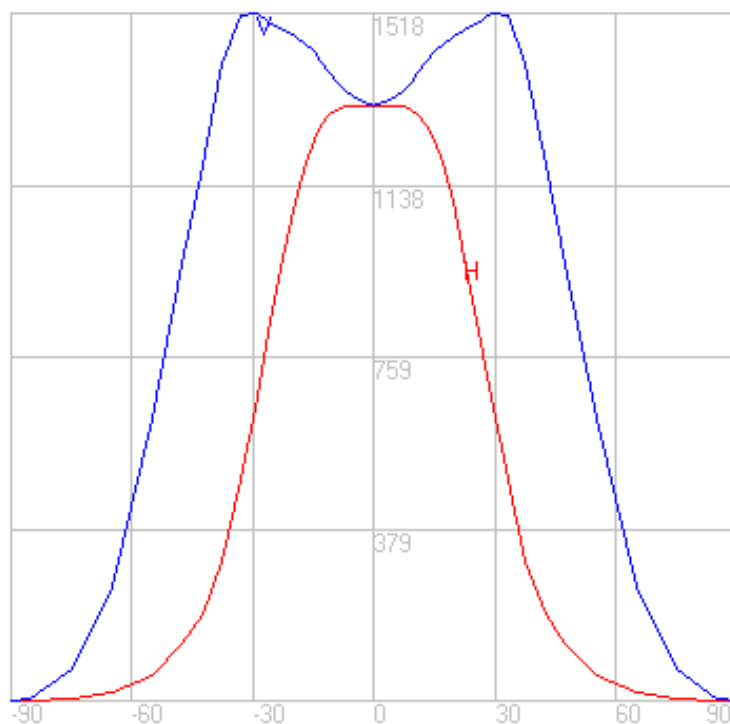
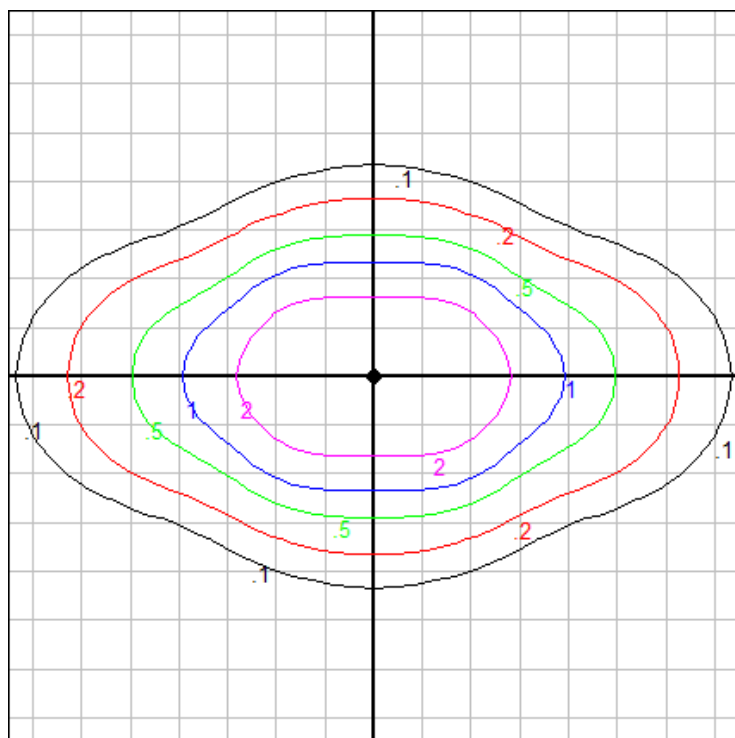


Characteristics

NEMA Type	5 H x 7 V
Maximum Candela	1517.758
Maximum Candela Angle	0 H -29 V
Horizontal Beam Angle (50%)	47.0
Vertical Beam Angle (50%)	104.2
Horizontal Field Angle (10%)	78.8
Vertical Field Angle (10%)	140.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1607
Beam Efficiency	N.A.
Field Lumens	2102
Field Efficiency	N.A.
Spill Lumens	124
Luminaire Lumens	2227
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	127.16
10-20	380.02
20-30	562.03
30-40	538.52
40-50	328.38
50-60	180.87
60-70	75.57
70-80	22.43
80-90	2.65
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Mounting Height: 20 ft.

Grid Spacing: 5 ft.

In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

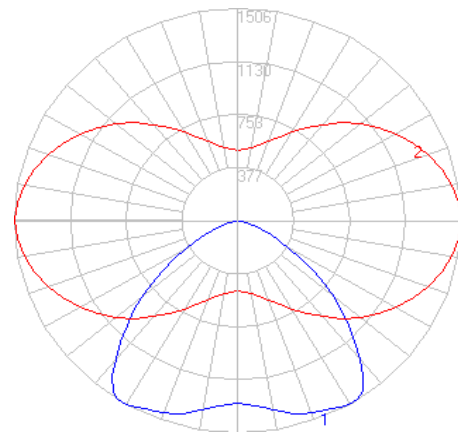
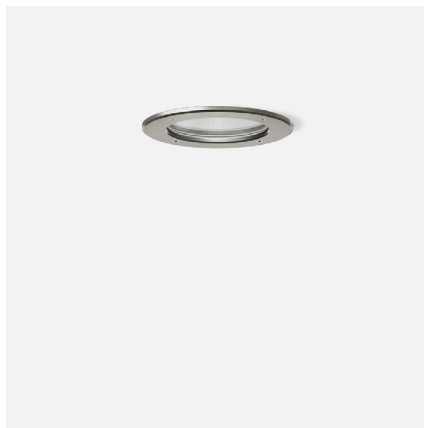
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File: 24332K3_BEGA_IES.ies

TEST: BE_24332K4
TEST LAB: BEGA
DATE: 6/18/2019
LUMINAIRE: 24 332K3
LAMP: 24.1W LED

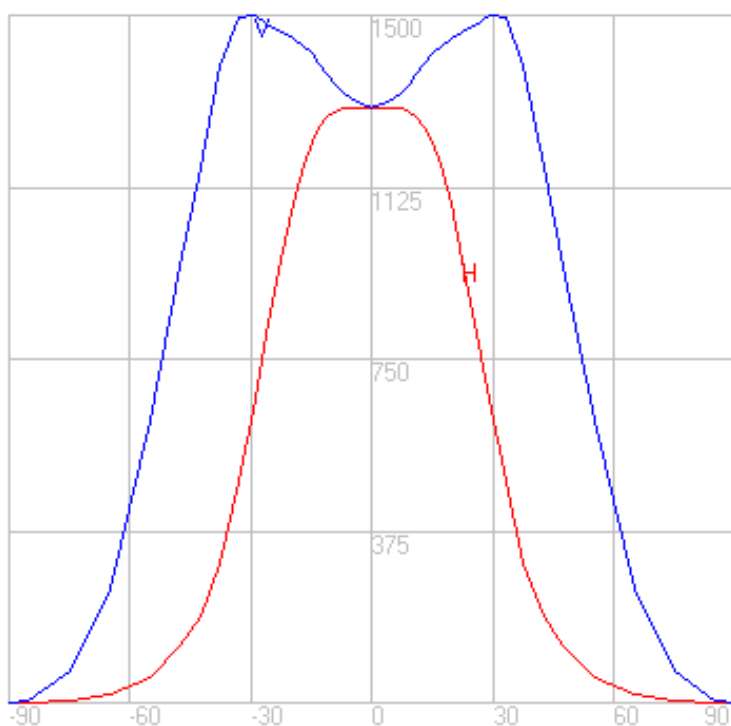
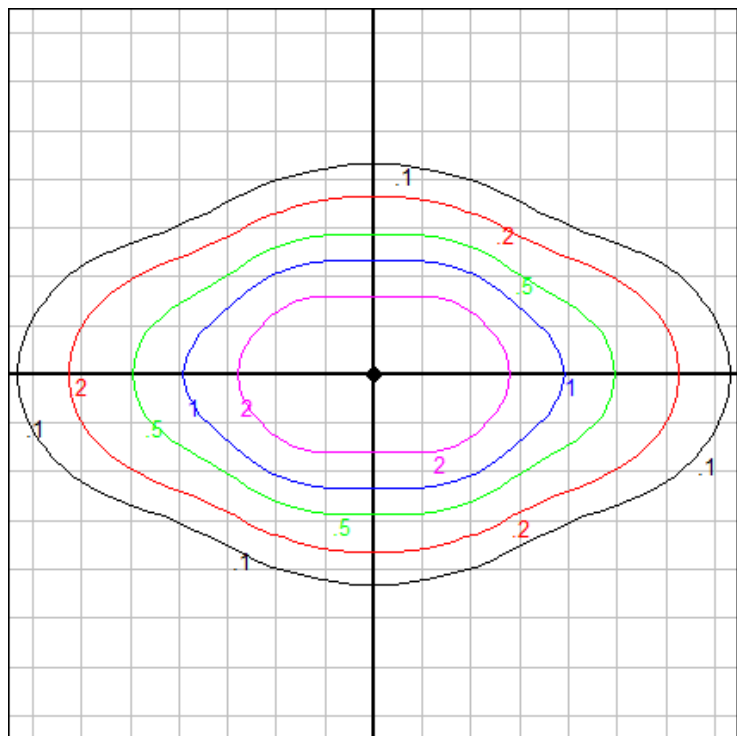


Characteristics

NEMA Type	5 H x 7 V
Maximum Candela	1499.817
Maximum Candela Angle	0 H -29 V
Horizontal Beam Angle (50%)	47.0
Vertical Beam Angle (50%)	104.2
Horizontal Field Angle (10%)	78.8
Vertical Field Angle (10%)	140.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1588
Beam Efficiency	N.A.
Field Lumens	2078
Field Efficiency	N.A.
Spill Lumens	123
Luminaire Lumens	2201
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	125.66
10-20	375.52
20-30	555.38
30-40	532.16
40-50	324.50
50-60	178.73
60-70	74.68
70-80	22.17
80-90	2.62
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Mounting Height: 20 ft.

Grid Spacing: 5 ft.

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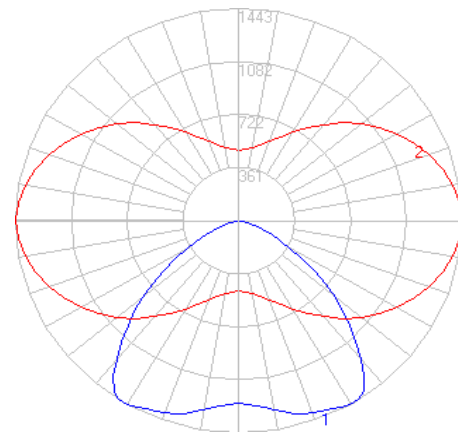
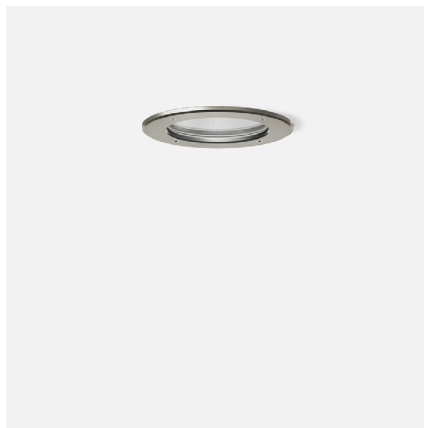
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File: 24332K27_BEGA_IES.ies

TEST: BE_24332K4
TEST LAB: BEGA
DATE: 6/18/2019
LUMINAIRE: 24 332K27
LAMP: 24.1W LED

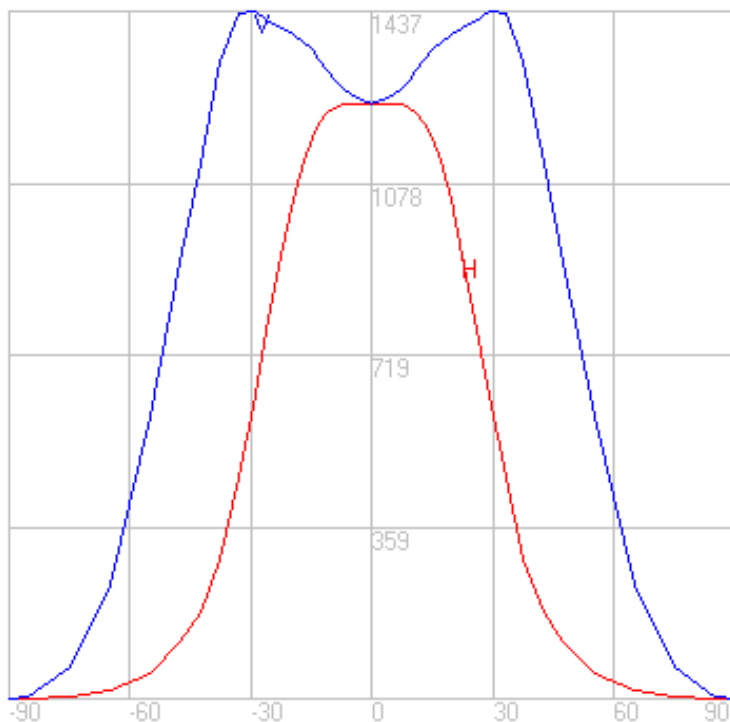
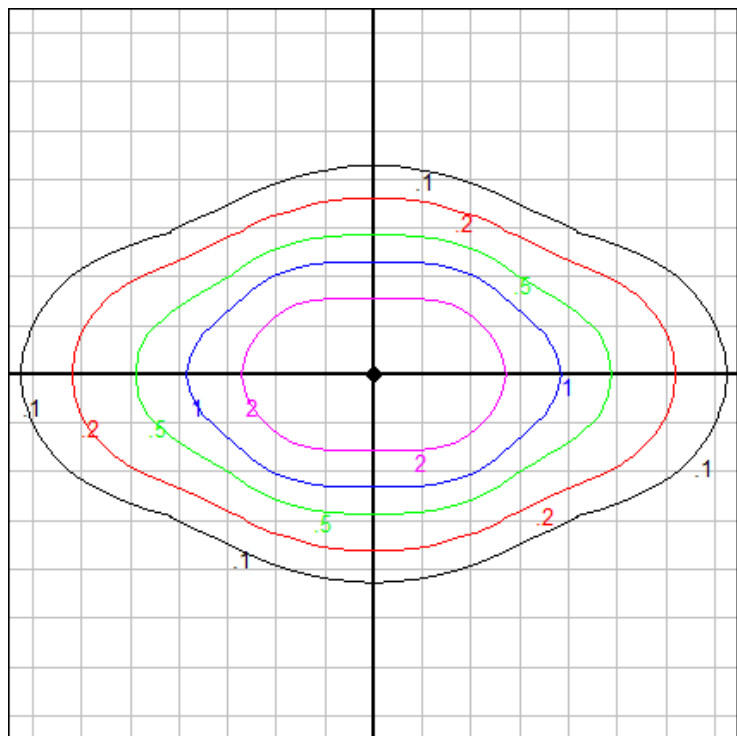


Characteristics

NEMA Type	5 H x 7 V
Maximum Candela	1437.026
Maximum Candela Angle	0 H -29 V
Horizontal Beam Angle (50%)	47.0
Vertical Beam Angle (50%)	104.2
Horizontal Field Angle (10%)	78.8
Vertical Field Angle (10%)	140.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1522
Beam Efficiency	N.A.
Field Lumens	1991
Field Efficiency	N.A.
Spill Lumens	118
Luminaire Lumens	2108
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	120.39
10-20	359.80
20-30	532.13
30-40	509.88
40-50	310.91
50-60	171.25
60-70	71.55
70-80	21.24
80-90	2.51
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Mounting Height: 20 ft.

Grid Spacing: 5 ft.

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