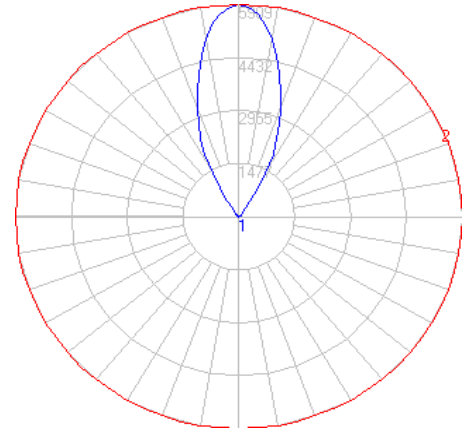
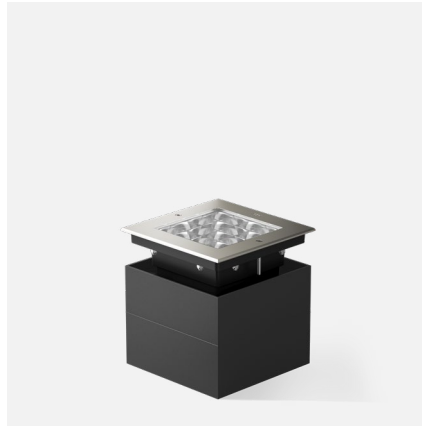


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File: 84284K4.ies

TEST: BE_84284K4
TEST LAB: BEGA
DATE: 12/10/2019
LUMINAIRE: 84284K4
LAMP: 31.4W LED

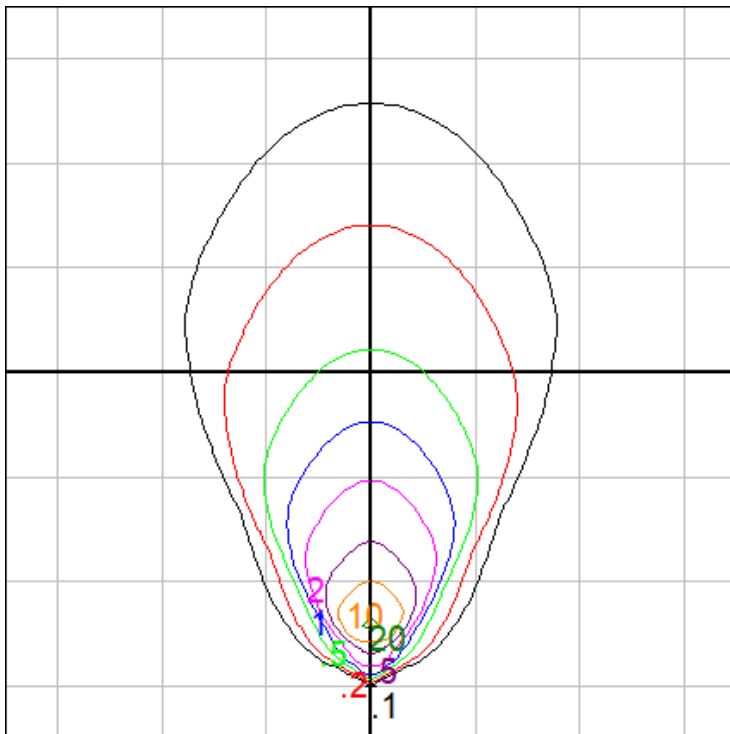


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	5909.4
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	43.1
Vertical Beam Angle (50%)	43.1
Horizontal Field Angle (10%)	70.2
Vertical Field Angle (10%)	70.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1873
Beam Efficiency	N.A.
Field Lumens	3196
Field Efficiency	N.A.
Spill Lumens	297
Luminaire Lumens	3493
Total Efficiency	N.A.
Total Luminaire Watts	36
Ballast Factor	1.00

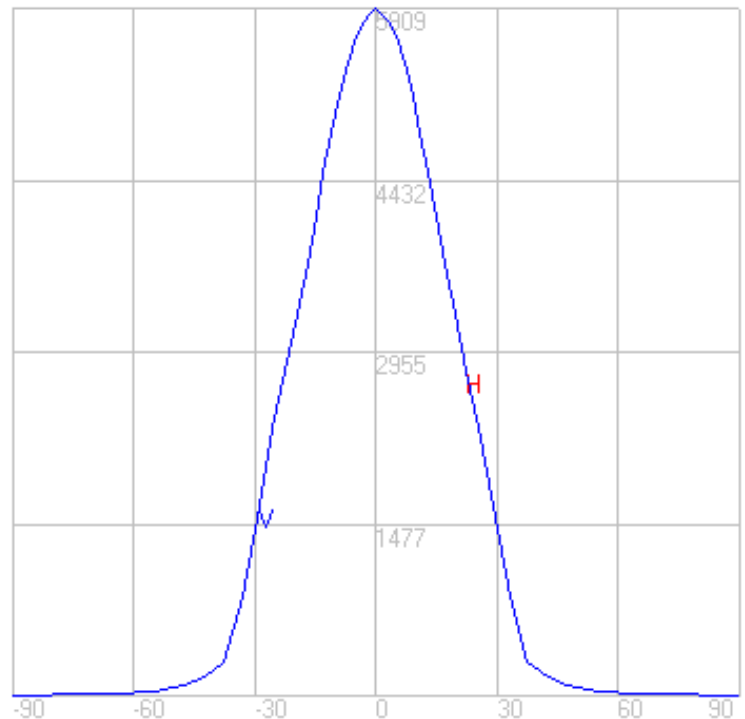
Zonal Lumen Summary

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.00
90-100	0.37
100-110	3.97
110-120	12.61
120-130	37.87
130-140	106.10
140-150	544.27
150-160	1131.79
160-170	1128.88
170-180	519.15



Setback: 3 ft.

Grid Spacing: 10 ft.



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

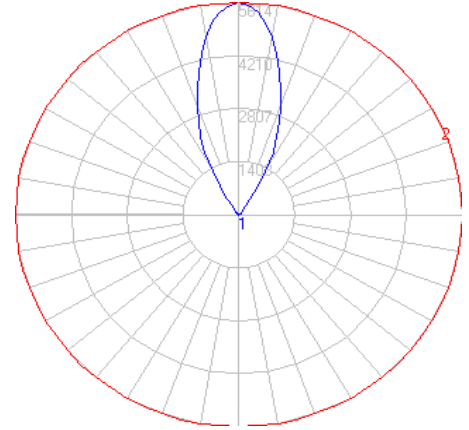
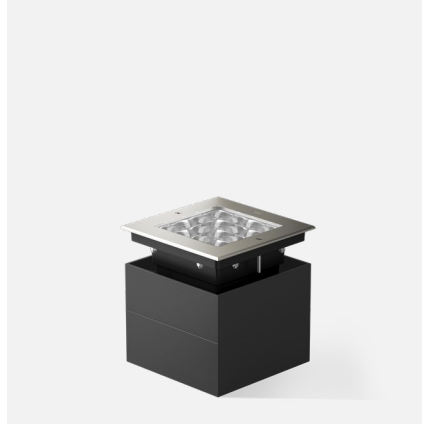
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File: 84284K35.ies

TEST: BE_84284K4
TEST LAB: BEGA
DATE: 12/10/2019
LUMINAIRE: 84284K35
LAMP: 31.4W LED

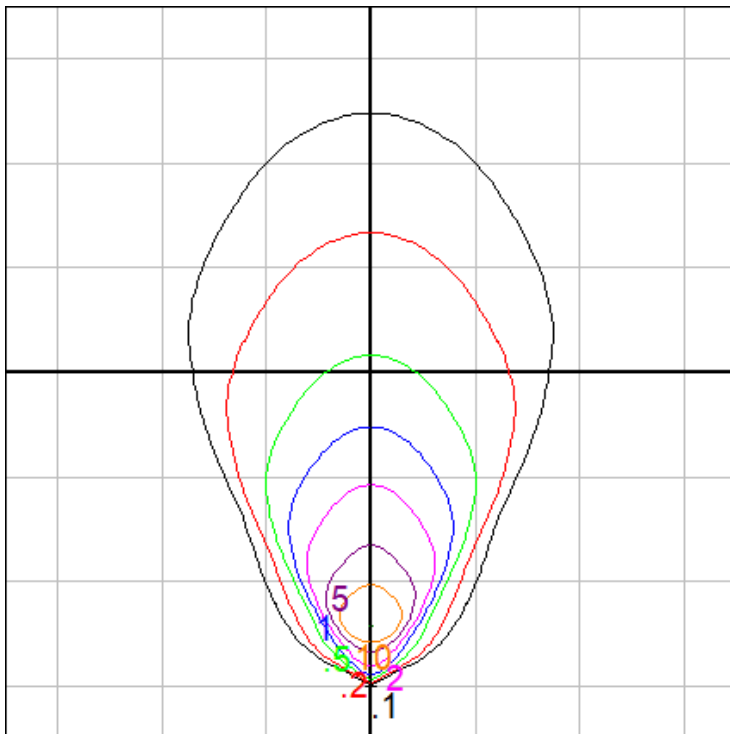


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	5613.93
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	43.1
Vertical Beam Angle (50%)	43.1
Horizontal Field Angle (10%)	70.2
Vertical Field Angle (10%)	70.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1779
Beam Efficiency	N.A.
Field Lumens	3036
Field Efficiency	N.A.
Spill Lumens	282
Luminaire Lumens	3318
Total Efficiency	N.A.
Total Luminaire Watts	36
Ballast Factor	1.00

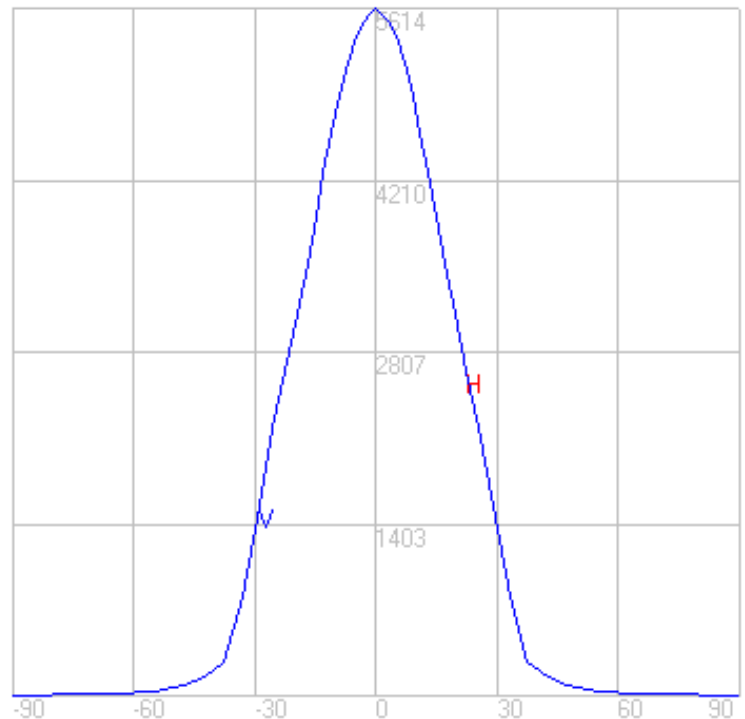
Zonal Lumen Summary

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.00
90-100	0.35
100-110	3.77
110-120	11.98
120-130	35.97
130-140	100.79
140-150	517.06
150-160	1075.2
160-170	1072.44
170-180	493.19



Setback: 3 ft.

Grid Spacing: 10 ft.



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

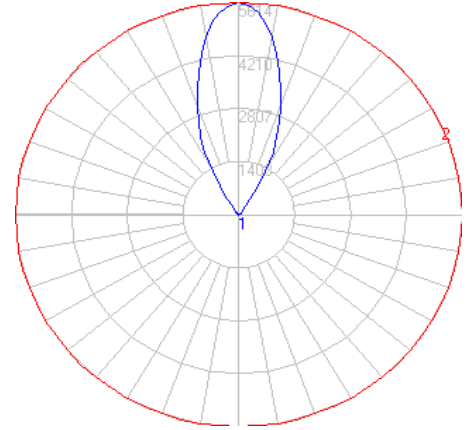
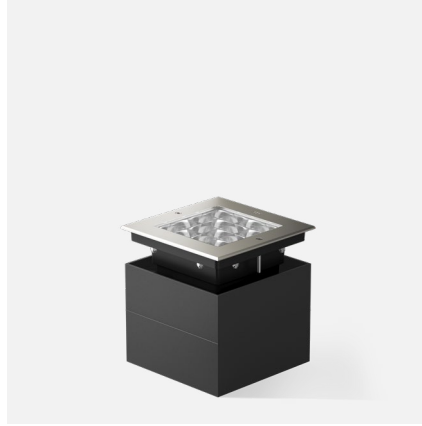
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File: 84284K3.ies

TEST: BE_84284K4
TEST LAB: BEGA
DATE: 12/10/2019
LUMINAIRE: 84284K3
LAMP: 31.4W LED

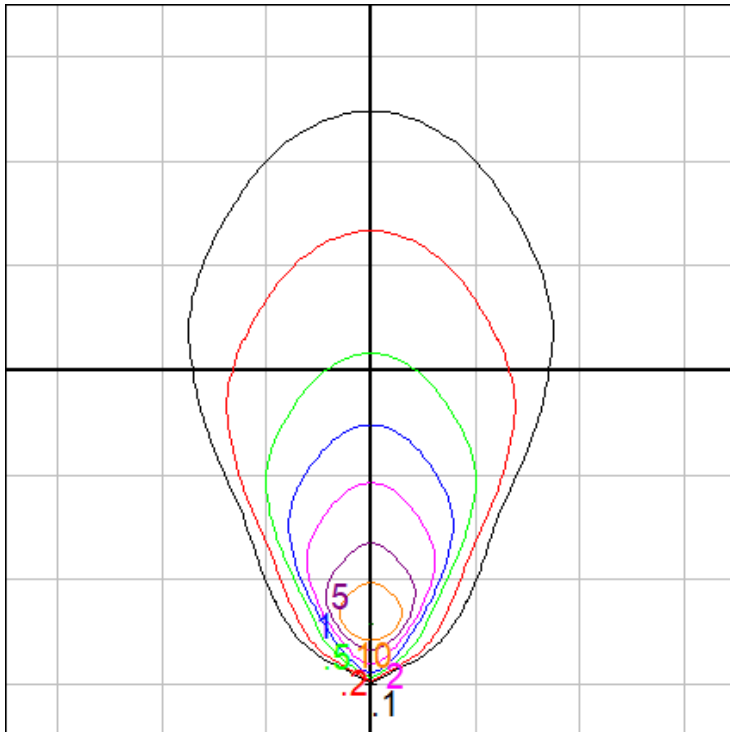


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	5613.93
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	43.1
Vertical Beam Angle (50%)	43.1
Horizontal Field Angle (10%)	70.2
Vertical Field Angle (10%)	70.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1779
Beam Efficiency	N.A.
Field Lumens	3036
Field Efficiency	N.A.
Spill Lumens	282
Luminaire Lumens	3318
Total Efficiency	N.A.
Total Luminaire Watts	36
Ballast Factor	1.00

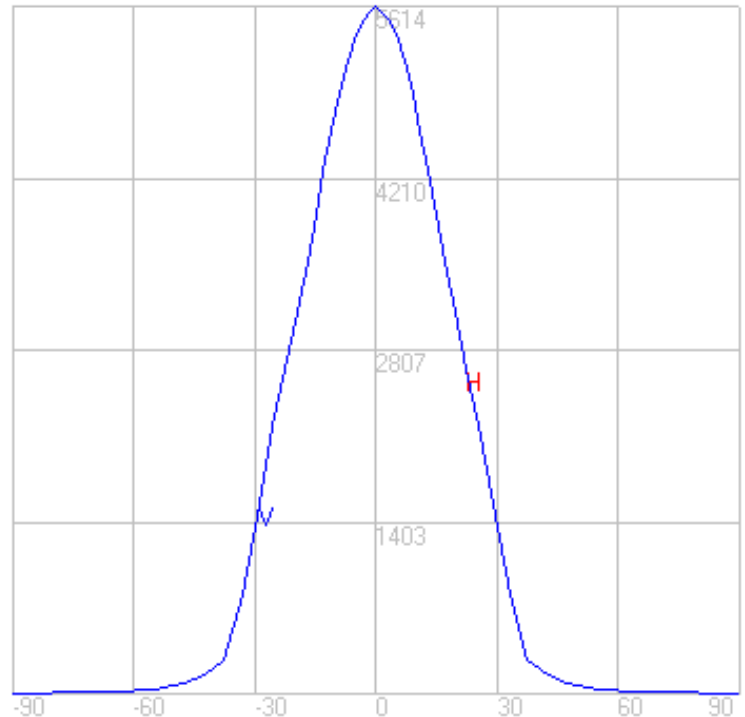
Zonal Lumen Summary

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.00
90-100	0.35
100-110	3.77
110-120	11.98
120-130	35.97
130-140	100.79
140-150	517.06
150-160	1075.2
160-170	1072.44
170-180	493.19



Setback: 3 ft.

Grid Spacing: 10 ft.



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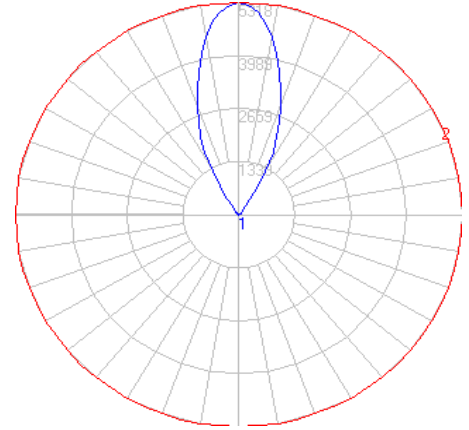
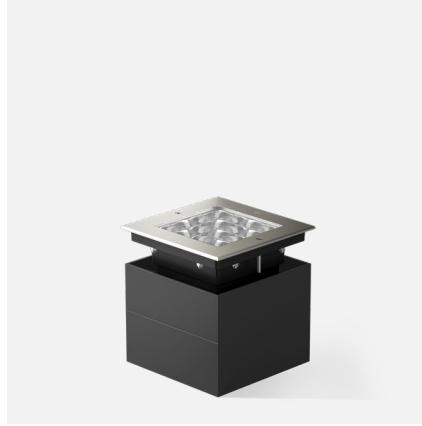
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File: 84284K27.ies

TEST: BE_84284K4
TEST LAB: BEGA
DATE: 12/10/2019
LUMINAIRE: 84284K27
LAMP: 31.4W LED

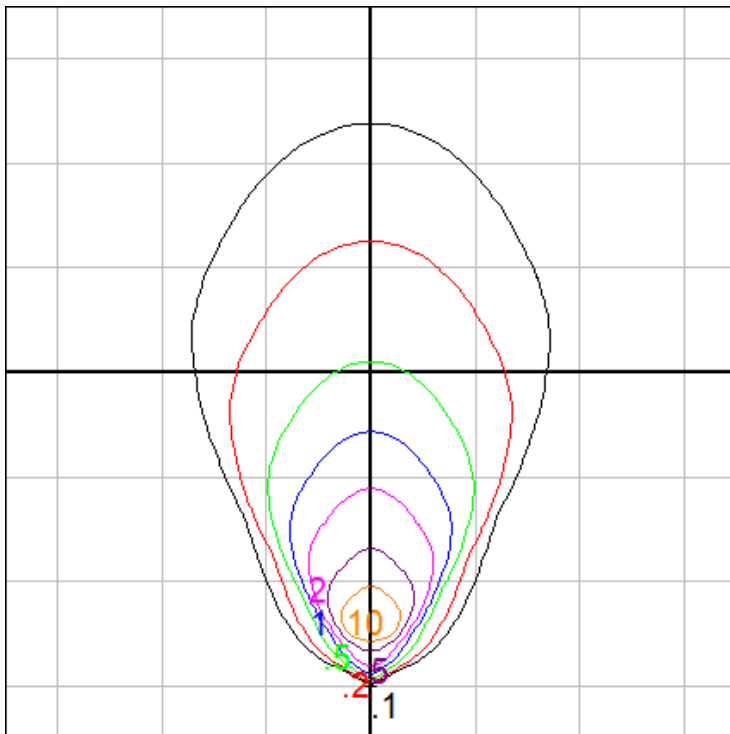


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	5318.46
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	43.1
Vertical Beam Angle (50%)	43.1
Horizontal Field Angle (10%)	70.2
Vertical Field Angle (10%)	70.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1686
Beam Efficiency	N.A.
Field Lumens	2876
Field Efficiency	N.A.
Spill Lumens	267
Luminaire Lumens	3143
Total Efficiency	N.A.
Total Luminaire Watts	36
Ballast Factor	1.00

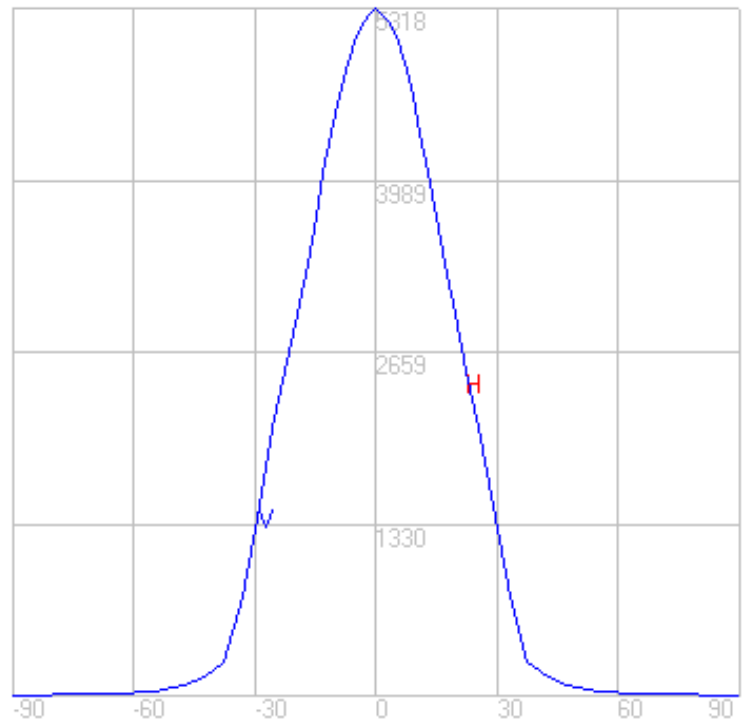
Zonal Lumen Summary

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.00
90-100	0.33
100-110	3.57
110-120	11.35
120-130	34.08
130-140	95.49
140-150	489.85
150-160	1018.61
160-170	1016.00
170-180	467.24



Setback: 3 ft.

Grid Spacing: 10 ft.



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