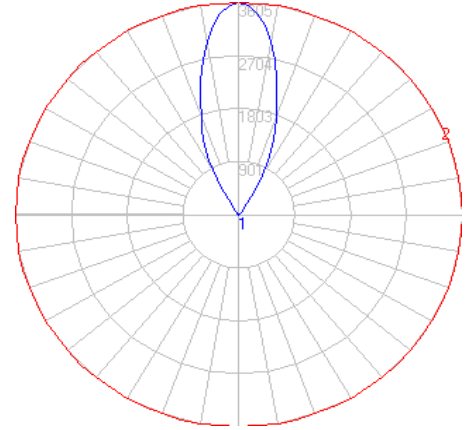
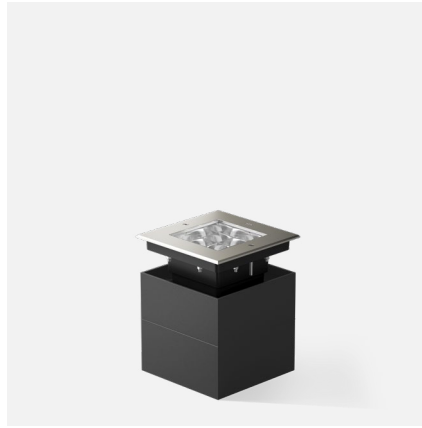


BEGA

File: 84283K4.ies

TEST: BE_84283K4
TEST LAB: BEGA
DATE: 12/10/2019
LUMINAIRE: 84283K4
LAMP: 16.7W LED

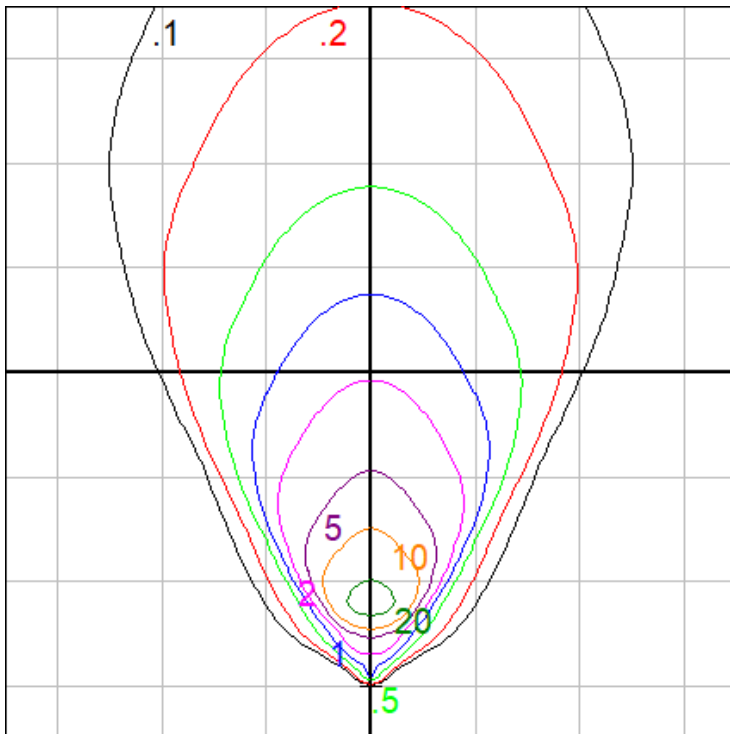


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	3605.4
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	39.5
Vertical Beam Angle (50%)	39.5
Horizontal Field Angle (10%)	67.4
Vertical Field Angle (10%)	67.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	932
Beam Efficiency	N.A.
Field Lumens	1777
Field Efficiency	N.A.
Spill Lumens	129
Luminaire Lumens	1906
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

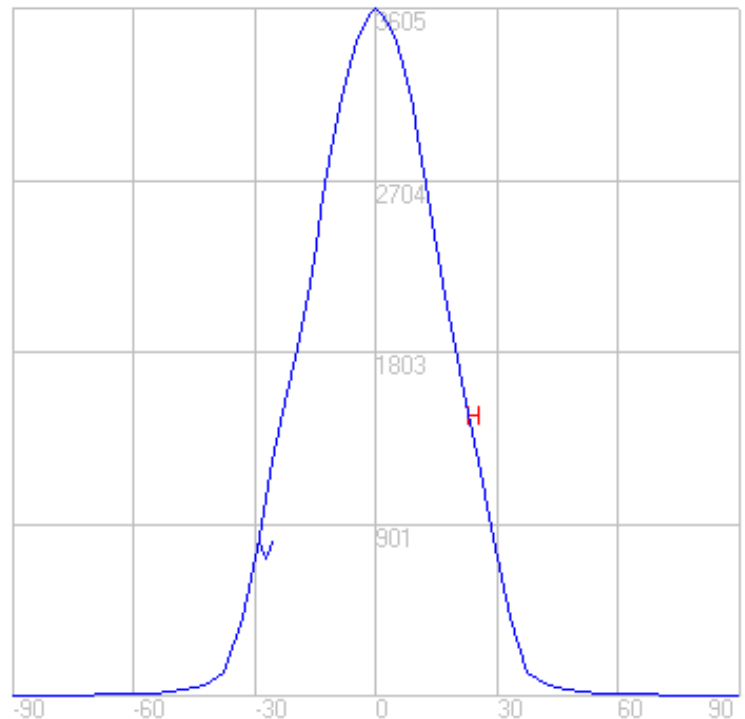
Zonal Lumen Summary

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	0.19
100-110	1.77
110-120	4.20
120-130	12.04
130-140	40.05
140-150	268.64
150-160	614.64
160-170	647.55
170-180	312.60



Setback: 2 ft.

Grid Spacing: 5 ft.



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

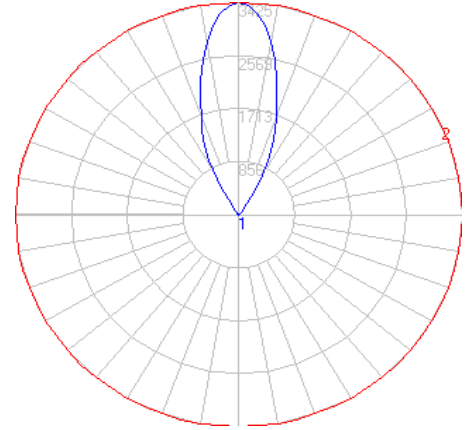
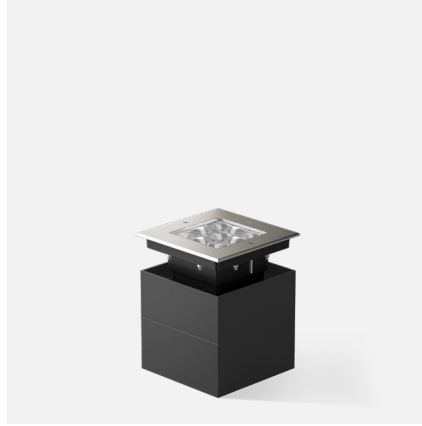
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File: 84283K35.ies

TEST: BE_84283K4
TEST LAB: BEGA
DATE: 12/10/2019
LUMINAIRE: 84283K35
LAMP: 16.7W LED

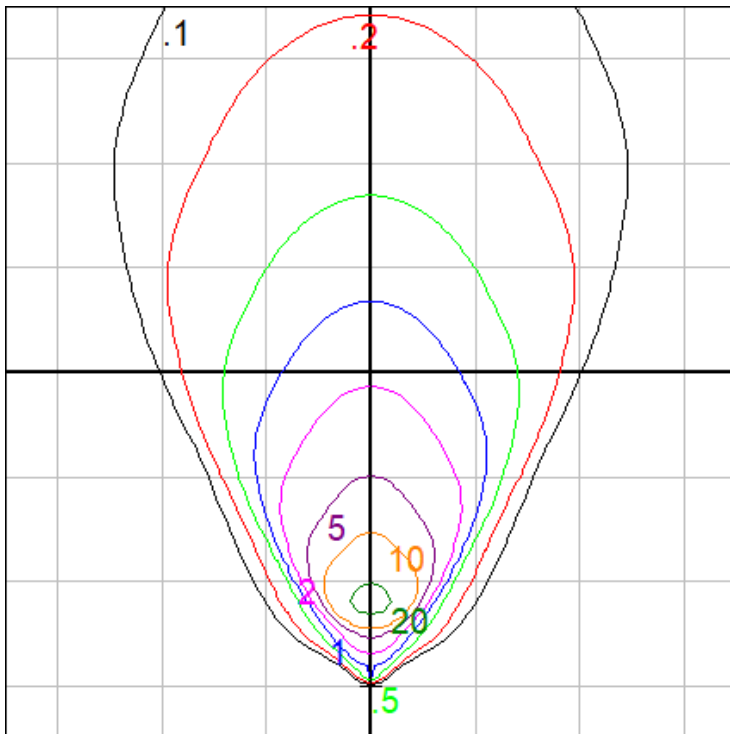


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	3425.13
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	39.5
Vertical Beam Angle (50%)	39.5
Horizontal Field Angle (10%)	67.4
Vertical Field Angle (10%)	67.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	885
Beam Efficiency	N.A.
Field Lumens	1688
Field Efficiency	N.A.
Spill Lumens	122
Luminaire Lumens	1810
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

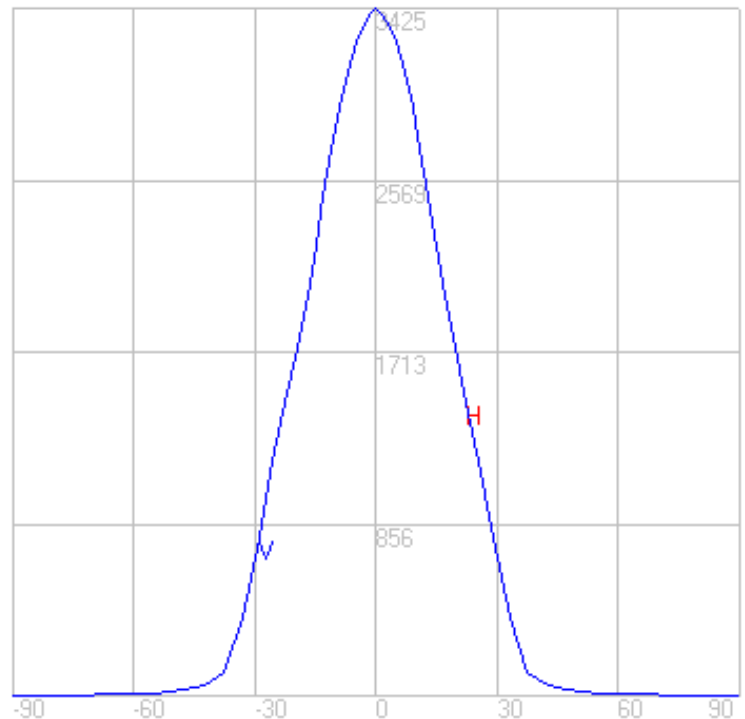
Zonal Lumen Summary

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	0.18
100-110	1.69
110-120	3.99
120-130	11.44
130-140	38.05
140-150	255.21
150-160	583.91
160-170	615.17
170-180	296.97



Setback: 2 ft.

Grid Spacing: 5 ft.



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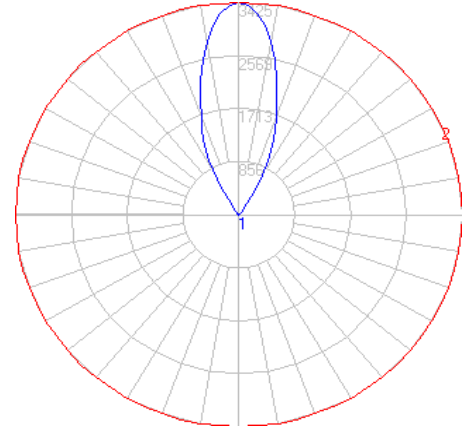
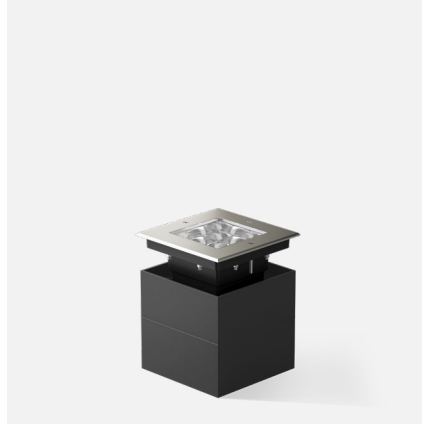
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File: 84283K3.ies

TEST: BE_84283K4
TEST LAB: BEGA
DATE: 12/10/2019
LUMINAIRE: 84283K3
LAMP: 16.7W LED

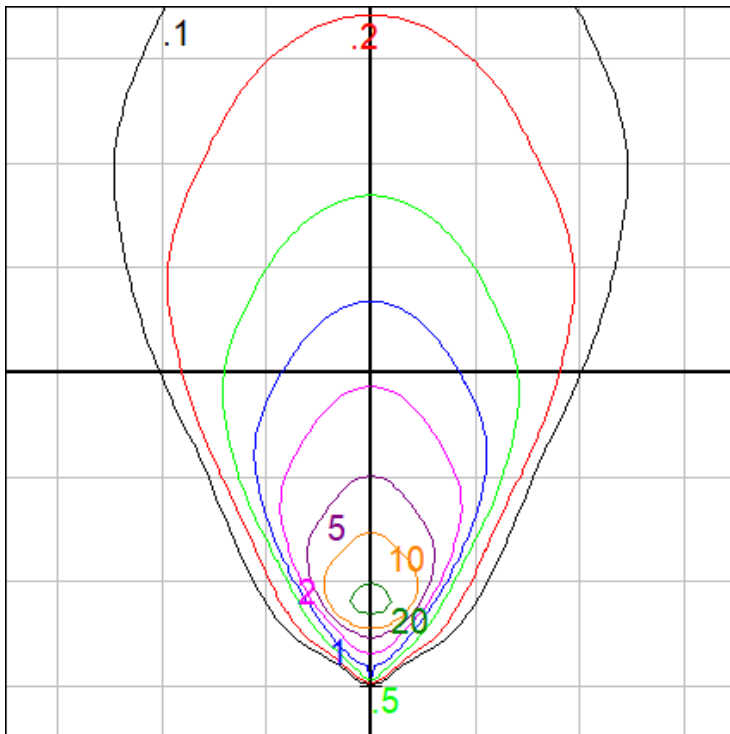


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	3425.13
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	39.5
Vertical Beam Angle (50%)	39.5
Horizontal Field Angle (10%)	67.4
Vertical Field Angle (10%)	67.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	885
Beam Efficiency	N.A.
Field Lumens	1688
Field Efficiency	N.A.
Spill Lumens	122
Luminaire Lumens	1810
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

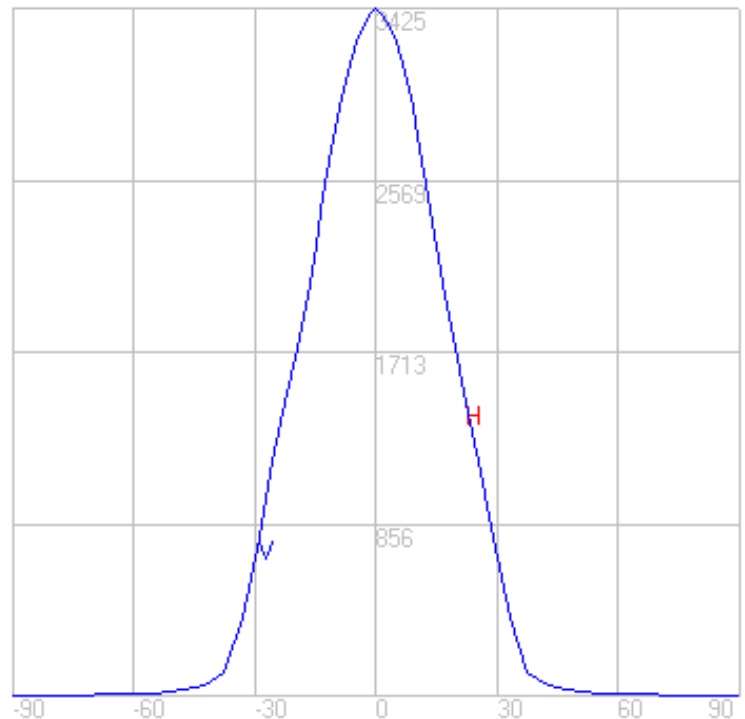
Zonal Lumen Summary

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	0.18
100-110	1.69
110-120	3.99
120-130	11.44
130-140	38.05
140-150	255.21
150-160	583.91
160-170	615.17
170-180	296.97



Setback: 2 ft.

Grid Spacing: 5 ft.



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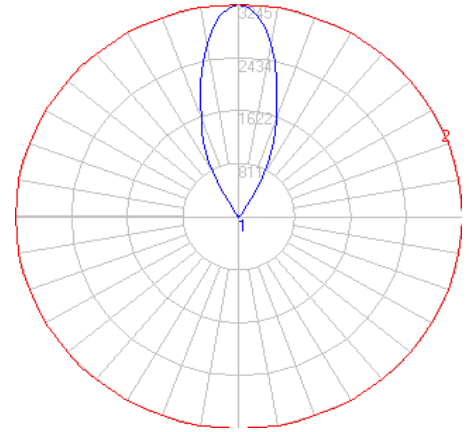
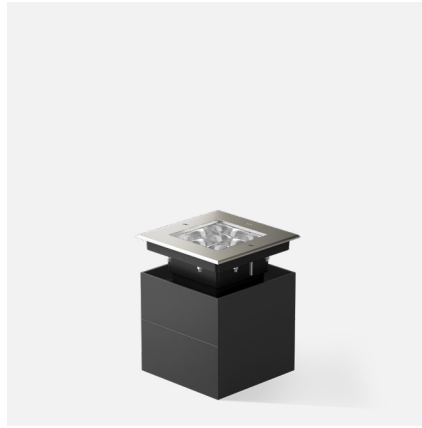
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File: 84283K27.ies

TEST: BE_84283K4
TEST LAB: BEGA
DATE: 12/10/2019
LUMINAIRE: 84283K27
LAMP: 16.7W LED

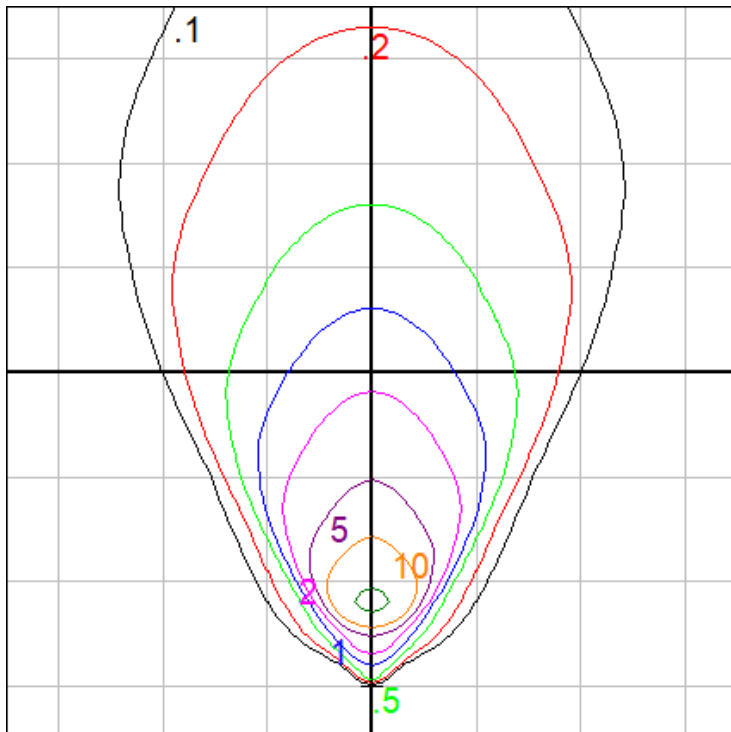


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	3244.86
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	39.5
Vertical Beam Angle (50%)	39.5
Horizontal Field Angle (10%)	67.4
Vertical Field Angle (10%)	67.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	839
Beam Efficiency	N.A.
Field Lumens	1599
Field Efficiency	N.A.
Spill Lumens	116
Luminaire Lumens	1715
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

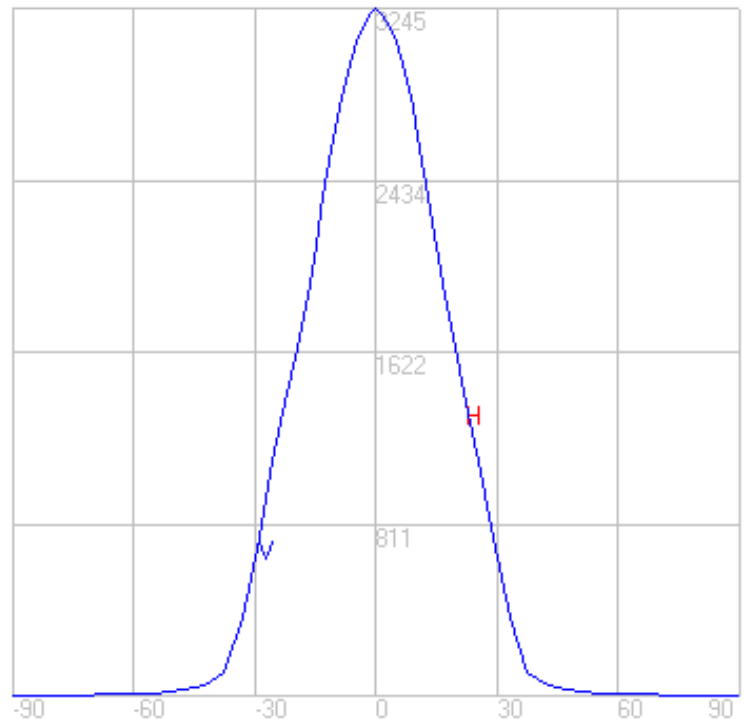
Zonal Lumen Summary

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	0.17
100-110	1.60
110-120	3.78
120-130	10.83
130-140	36.04
140-150	241.78
150-160	553.18
160-170	582.79
170-180	281.34



Setback: 2 ft.

Grid Spacing: 5 ft.



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