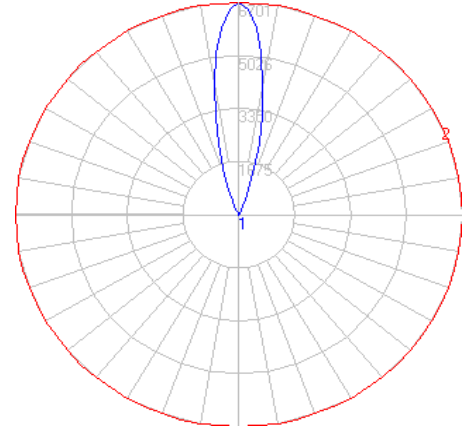
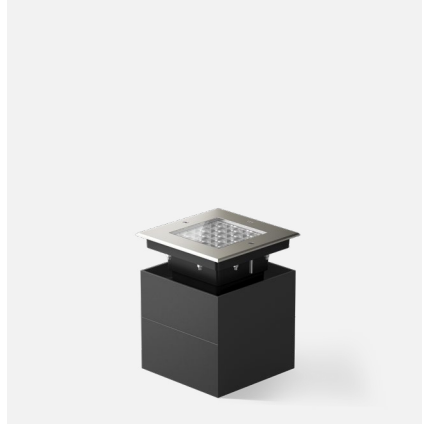


BEGA

File: 84280K4.ies

TEST: BE_84280K4
TEST LAB: BEGA
DATE: 10/07/2019
LUMINAIRE: 84280K4
LAMP: 16.7W LED

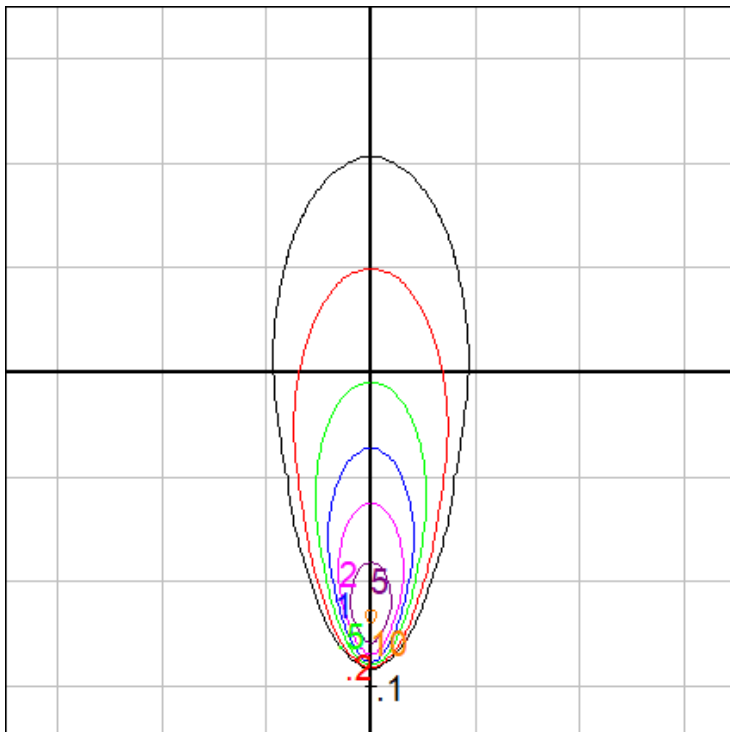


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	6700.7
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	24.2
Vertical Beam Angle (50%)	24.2
Horizontal Field Angle (10%)	42.8
Vertical Field Angle (10%)	42.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	666
Beam Efficiency	N.A.
Field Lumens	1255
Field Efficiency	N.A.
Spill Lumens	147
Luminaire Lumens	1402
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

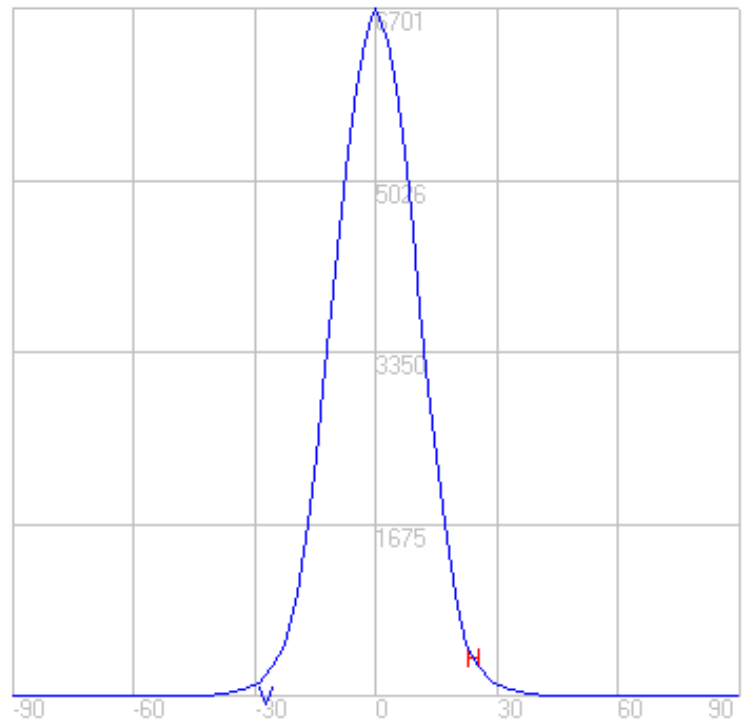
Zonal Lumen Summary

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	0.00
100-110	0.00
110-120	0.00
120-130	0.11
130-140	4.59
140-150	29.26
150-160	184.13
160-170	673.11
170-180	512.25



Setback: 2 ft.

Grid Spacing: 10 ft.



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

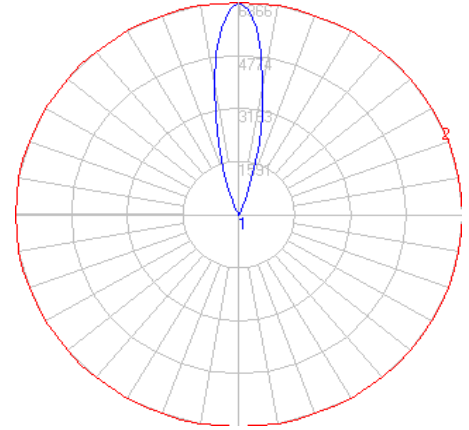
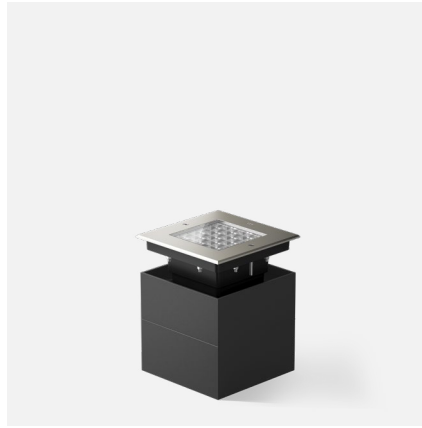
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File: 84280K35.ies

TEST: BE_84280K4
TEST LAB: BEGA
DATE: 10/07/2019
LUMINAIRE: 84280K35
LAMP: 16.7W LED

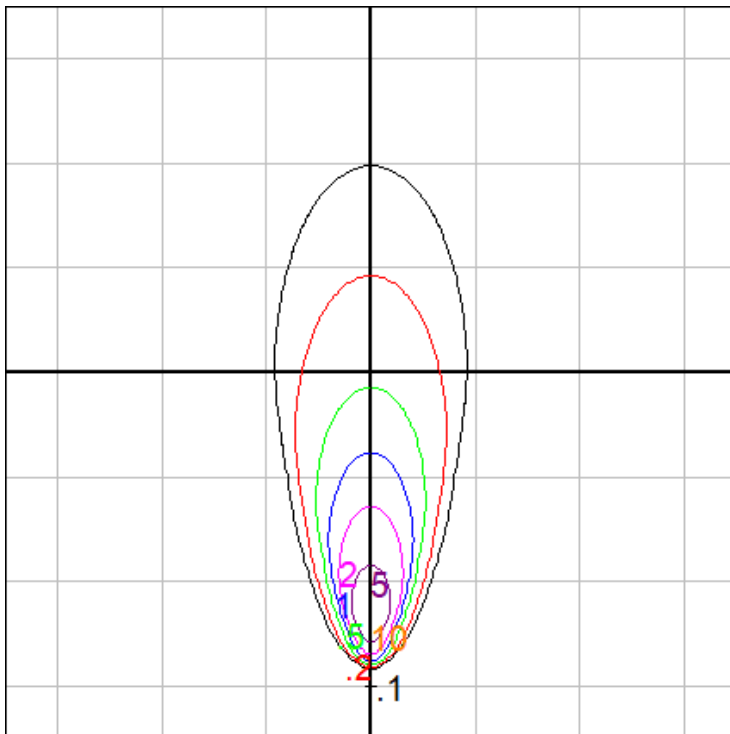


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	6365.665
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	24.2
Vertical Beam Angle (50%)	24.2
Horizontal Field Angle (10%)	42.8
Vertical Field Angle (10%)	42.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	633
Beam Efficiency	N.A.
Field Lumens	1192
Field Efficiency	N.A.
Spill Lumens	140
Luminaire Lumens	1332
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

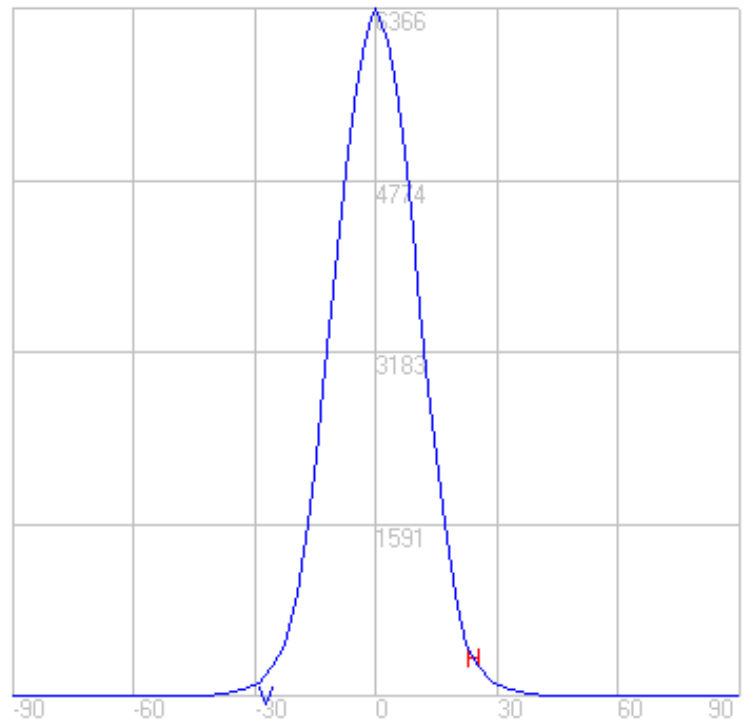
Zonal Lumen Summary

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	0.00
100-110	0.00
110-120	0.00
120-130	0.11
130-140	4.36
140-150	27.80
150-160	174.92
160-170	639.45
170-180	486.64



Setback: 2 ft.

Grid Spacing: 10 ft.



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

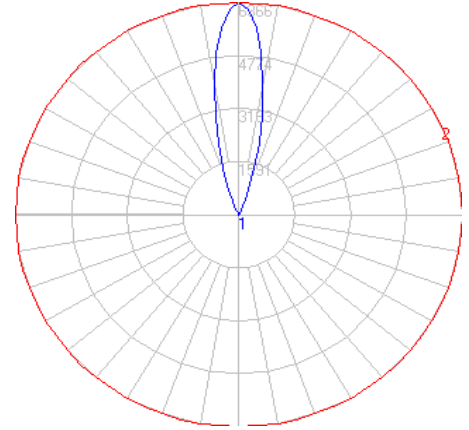
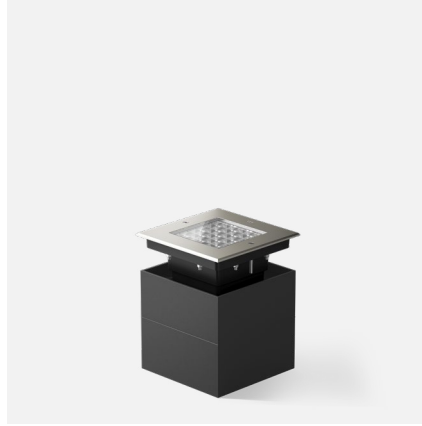
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File: 84280K3.ies

TEST: BE_84280K4
TEST LAB: BEGA
DATE: 10/07/2019
LUMINAIRE: 84280K3
LAMP: 16.7W LED

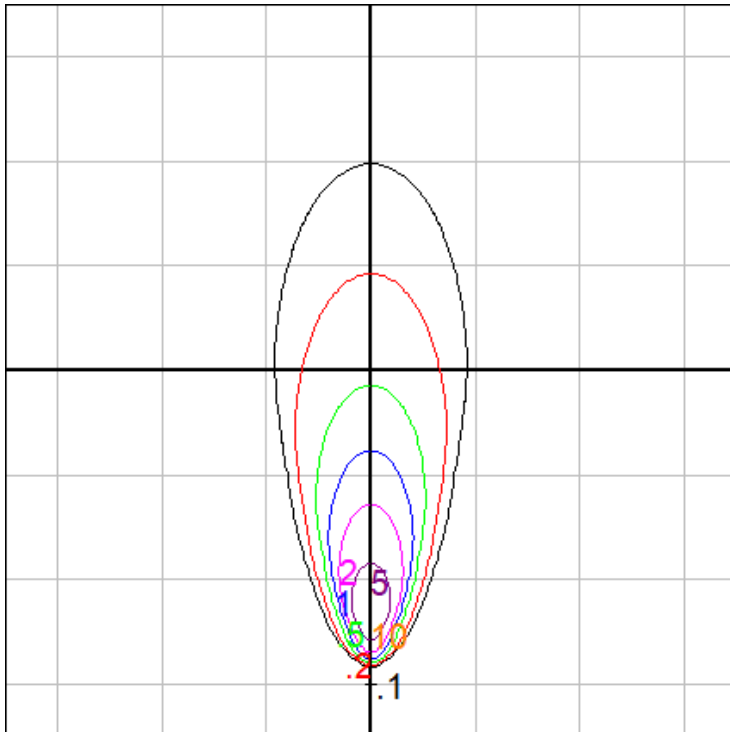


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	6365.665
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	24.2
Vertical Beam Angle (50%)	24.2
Horizontal Field Angle (10%)	42.8
Vertical Field Angle (10%)	42.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	633
Beam Efficiency	N.A.
Field Lumens	1192
Field Efficiency	N.A.
Spill Lumens	140
Luminaire Lumens	1332
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

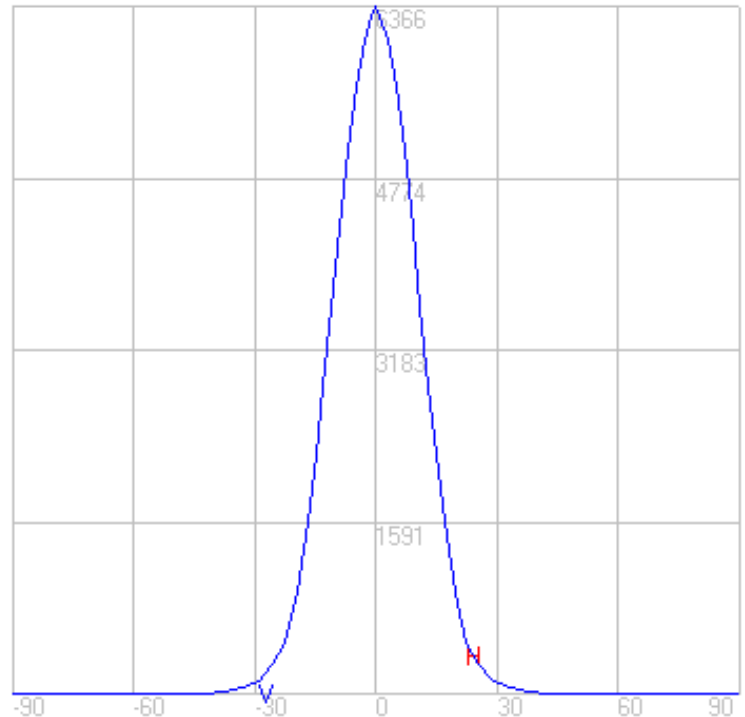
Zonal Lumen Summary

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	0.00
100-110	0.00
110-120	0.00
120-130	0.11
130-140	4.36
140-150	27.80
150-160	174.92
160-170	639.45
170-180	486.64



Setback: 2 ft.

Grid Spacing: 10 ft.



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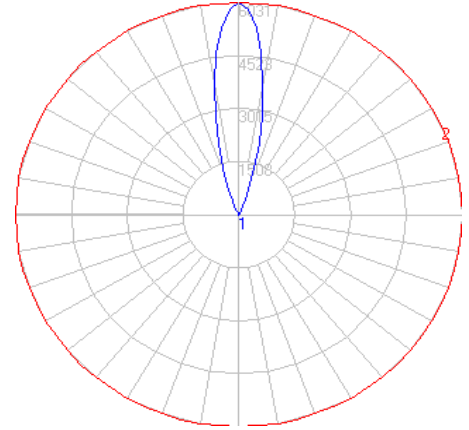
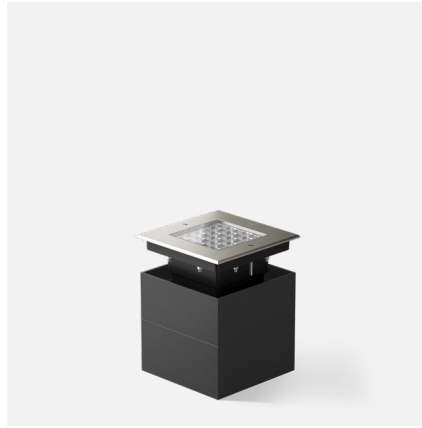
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File: 84280K27.ies

TEST: BE_84280K4
TEST LAB: BEGA
DATE: 10/07/2019
LUMINAIRE: 84280K27
LAMP: 16.7W LED

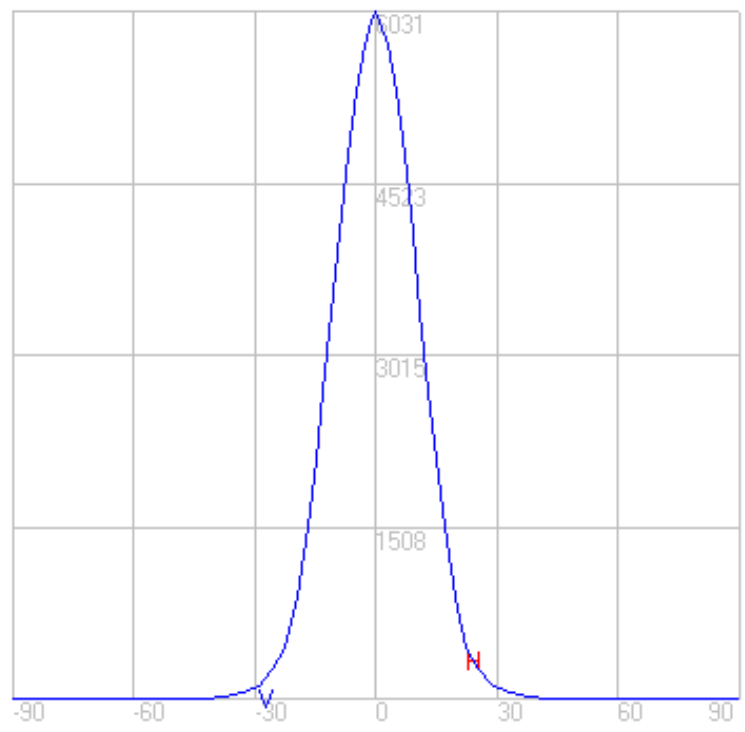
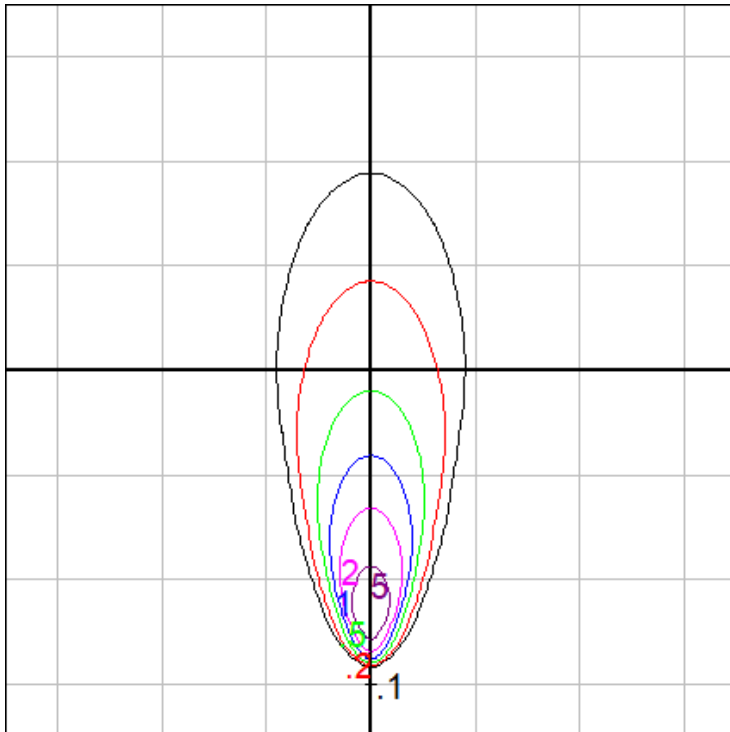


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	6030.63
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	24.2
Vertical Beam Angle (50%)	24.2
Horizontal Field Angle (10%)	42.8
Vertical Field Angle (10%)	42.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	599
Beam Efficiency	N.A.
Field Lumens	1129
Field Efficiency	N.A.
Spill Lumens	132
Luminaire Lumens	1262
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	0.00
100-110	0.00
110-120	0.00
120-130	0.10
130-140	4.13
140-150	26.33
150-160	165.72
160-170	605.79
170-180	461.03



Setback: 2 ft.

Grid Spacing: 10 ft.

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