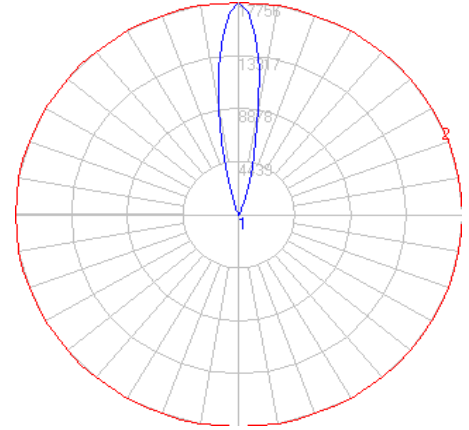
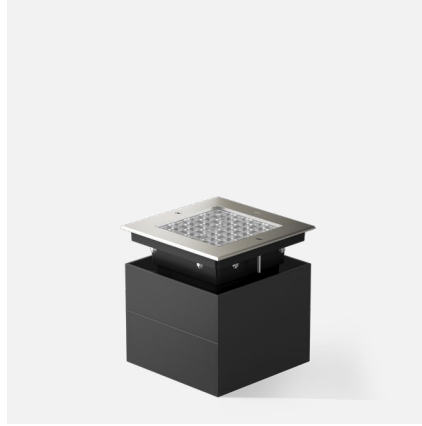


BEGA

File: 84281K4.ies

TEST: BE_84281K4
TEST LAB: BEGA
DATE: 10/07/2019
LUMINAIRE: 84281K4
LAMP: 31.4W LED

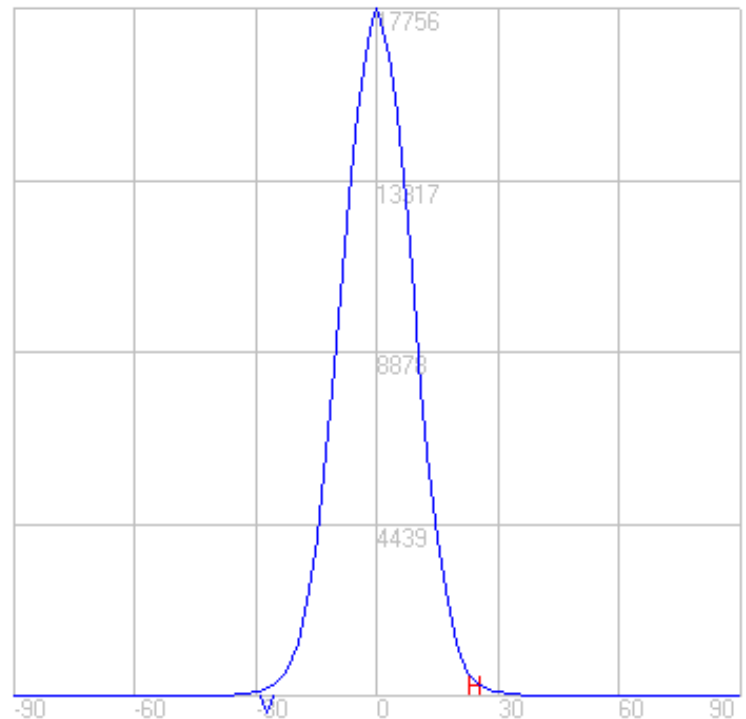
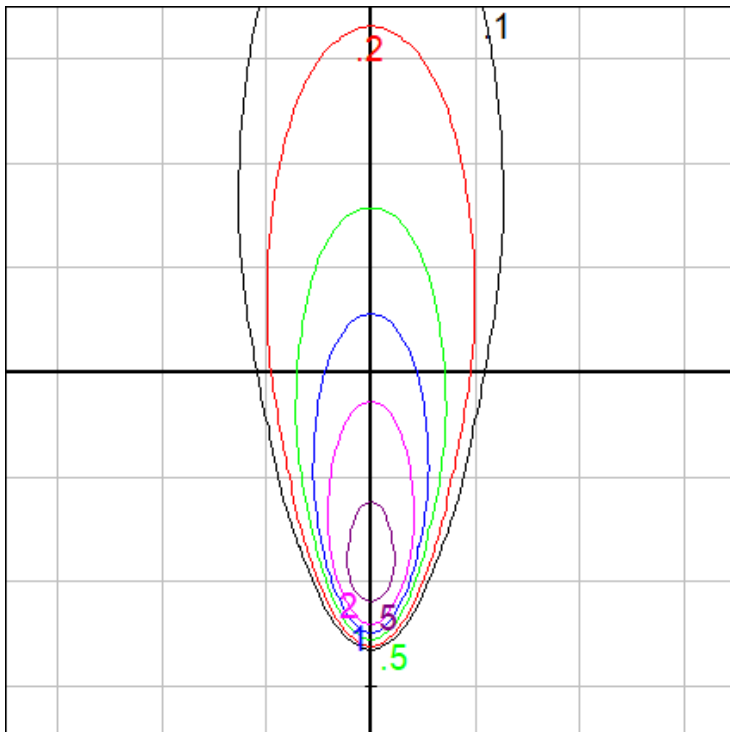


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	17755.801
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	20.4
Vertical Beam Angle (50%)	20.4
Horizontal Field Angle (10%)	37.4
Vertical Field Angle (10%)	37.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1348
Beam Efficiency	N.A.
Field Lumens	2479
Field Efficiency	N.A.
Spill Lumens	268
Luminaire Lumens	2748
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	0.00
100-110	0.00
110-120	0.00
120-130	0.02
130-140	0.70
140-150	18.57
150-160	231.44
160-170	1251.83
170-180	1253.76



Setback: 3 ft.

Grid Spacing: 10 ft.

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

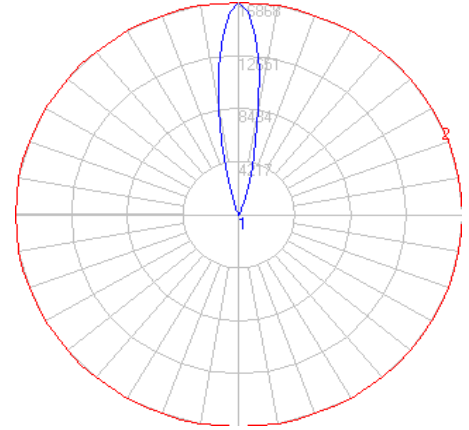
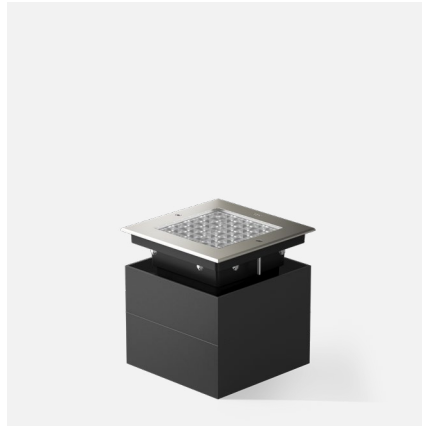
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File: 84281K35.ies

TEST: BE_84281K4
TEST LAB: BEGA
DATE: 10/07/2019
LUMINAIRE: 84281K35
LAMP: 31.4W LED

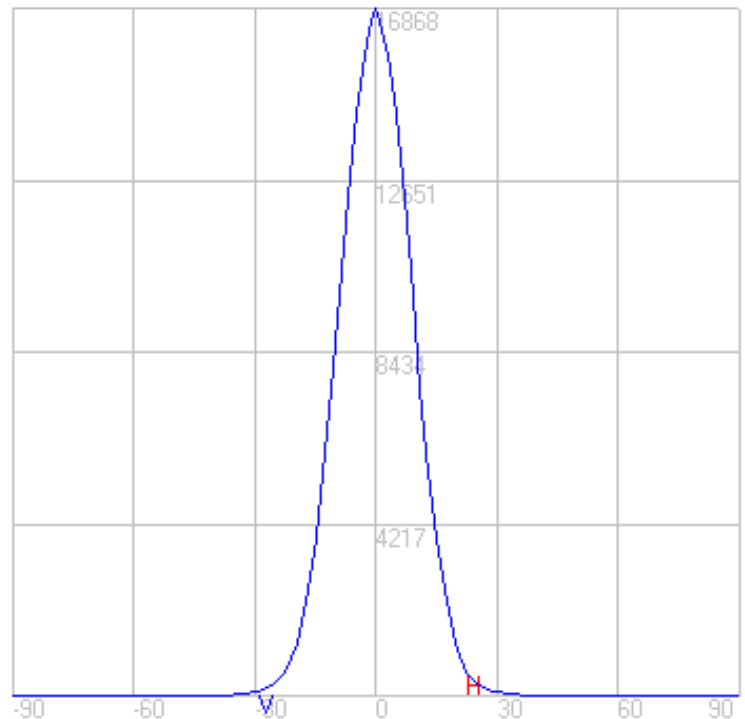
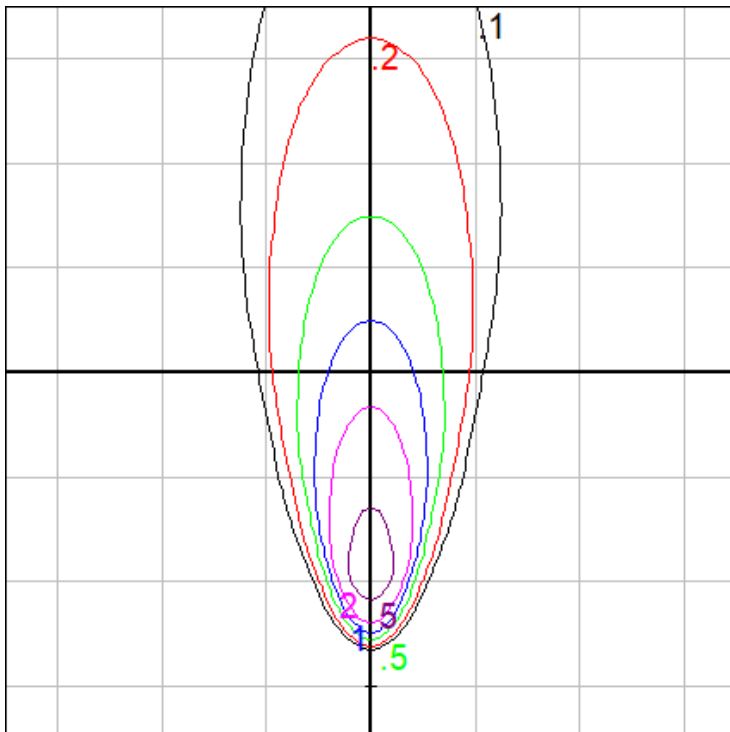


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	16868.011
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	20.4
Vertical Beam Angle (50%)	20.4
Horizontal Field Angle (10%)	37.4
Vertical Field Angle (10%)	37.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1280
Beam Efficiency	N.A.
Field Lumens	2355
Field Efficiency	N.A.
Spill Lumens	255
Luminaire Lumens	2610
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	0.00
100-110	0.00
110-120	0.00
120-130	0.01
130-140	0.66
140-150	17.64
150-160	219.87
160-170	1189.24
170-180	1191.07



Setback: 3 ft.

Grid Spacing: 10 ft.

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

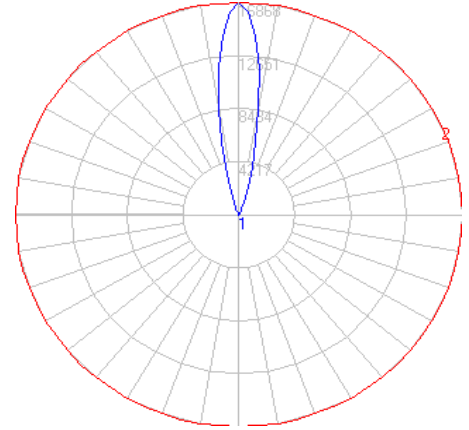
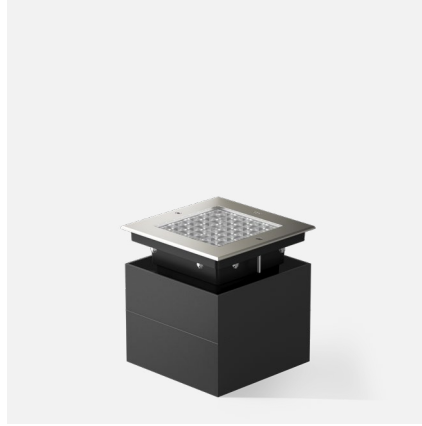
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File: 84281K3.ies

TEST: BE_84281K4
TEST LAB: BEGA
DATE: 10/07/2019
LUMINAIRE: 84281K3
LAMP: 31.4W LED

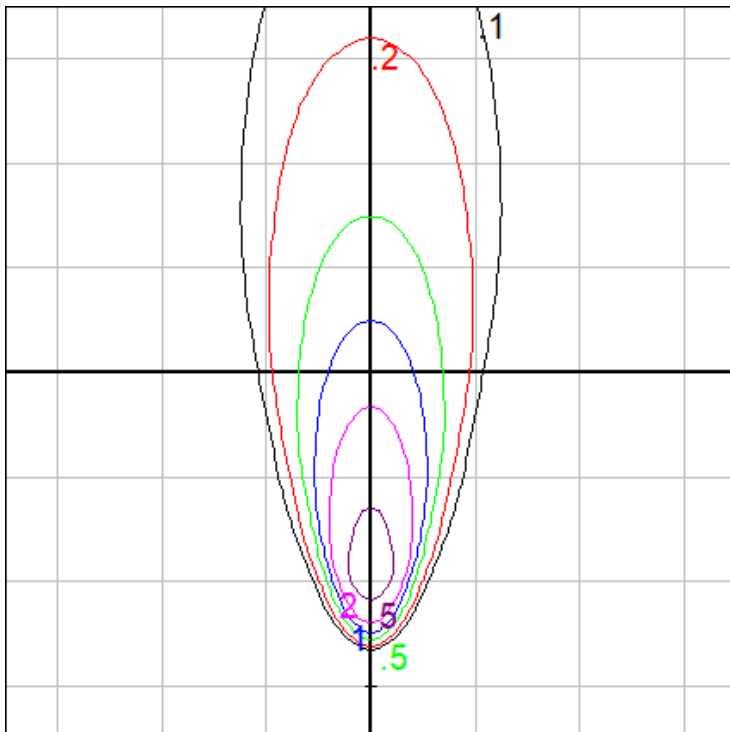


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	16868.011
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	20.4
Vertical Beam Angle (50%)	20.4
Horizontal Field Angle (10%)	37.4
Vertical Field Angle (10%)	37.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1280
Beam Efficiency	N.A.
Field Lumens	2355
Field Efficiency	N.A.
Spill Lumens	255
Luminaire Lumens	2610
Total Efficiency	N.A.
Total Luminaire Watts	36
Ballast Factor	1.00

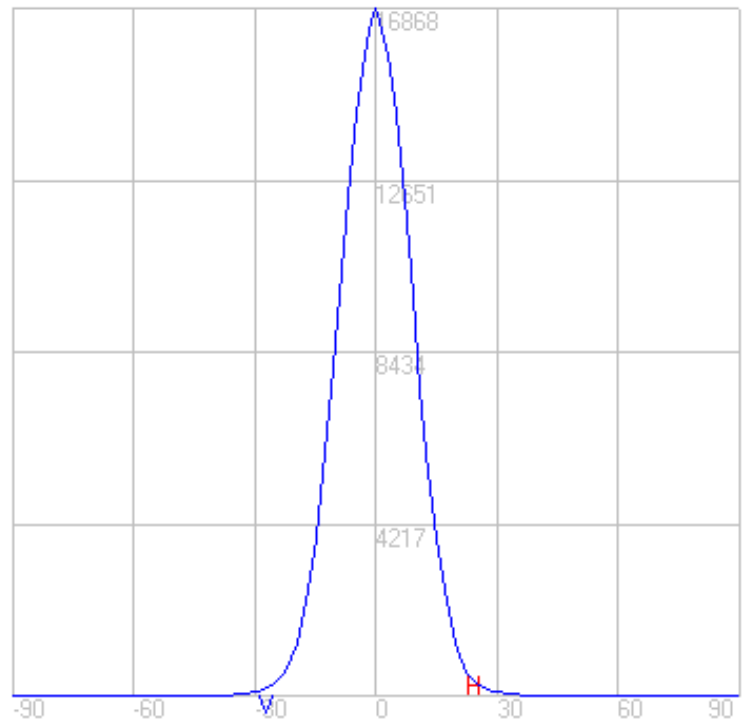
Zonal Lumen Summary

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	0.00
100-110	0.00
110-120	0.00
120-130	0.01
130-140	0.66
140-150	17.64
150-160	219.87
160-170	1189.24
170-180	1191.07



Setback: 3 ft.

Grid Spacing: 10 ft.



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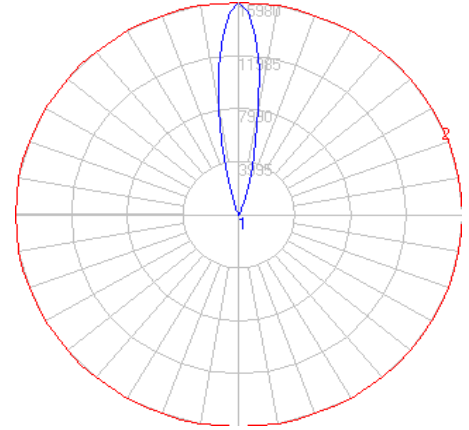
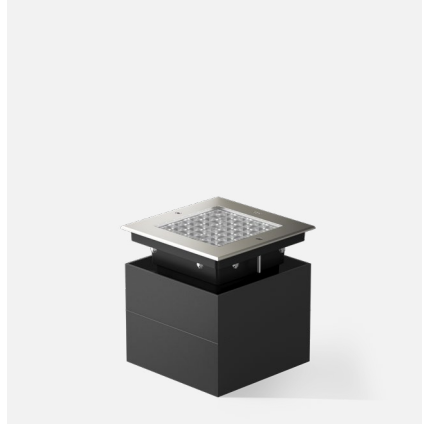
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File: 84281K27.ies

TEST: BE_84281K4
TEST LAB: BEGA
DATE: 10/07/2019
LUMINAIRE: 84281K27
LAMP: 31.4W LED

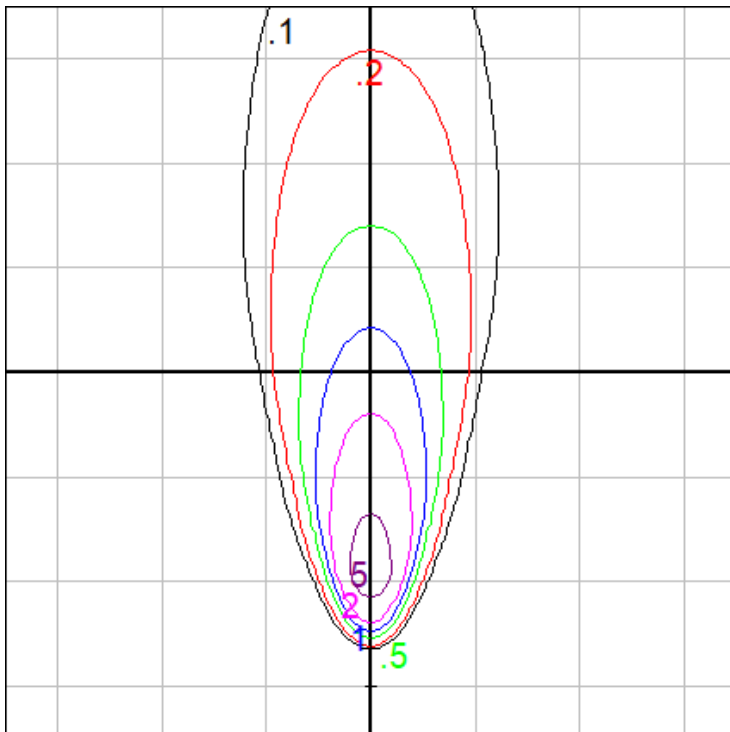


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	15980.22
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	20.4
Vertical Beam Angle (50%)	20.4
Horizontal Field Angle (10%)	37.4
Vertical Field Angle (10%)	37.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1213
Beam Efficiency	N.A.
Field Lumens	2231
Field Efficiency	N.A.
Spill Lumens	242
Luminaire Lumens	2473
Total Efficiency	N.A.
Total Luminaire Watts	36
Ballast Factor	1.00

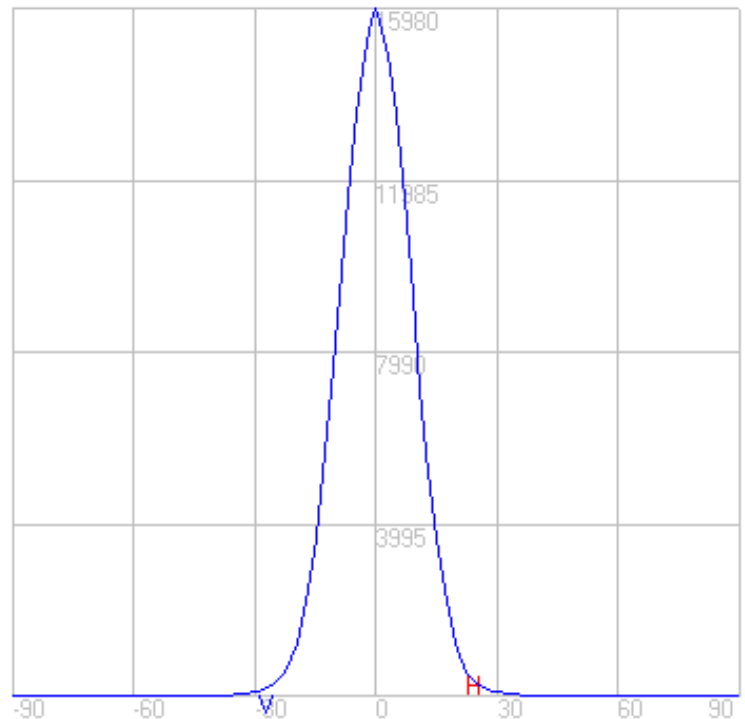
Zonal Lumen Summary

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	0.00
100-110	0.00
110-120	0.00
120-130	0.01
130-140	0.63
140-150	16.71
150-160	208.29
160-170	1126.65
170-180	1128.38



Setback: 3 ft.

Grid Spacing: 10 ft.



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