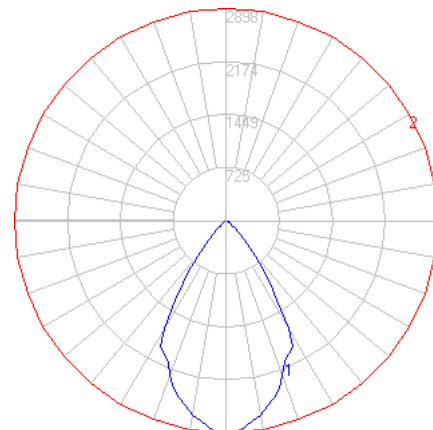
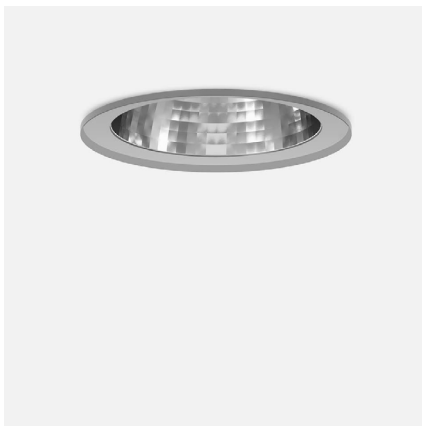


BEGA

File: 24484K4_BEGA_IES.ies

TEST: BE_24484K4
 TEST LAB: BEGA
 DATE: 12/15/2022
 LUMINAIRE: 24 484K4
 LAMP: 24.1W LED

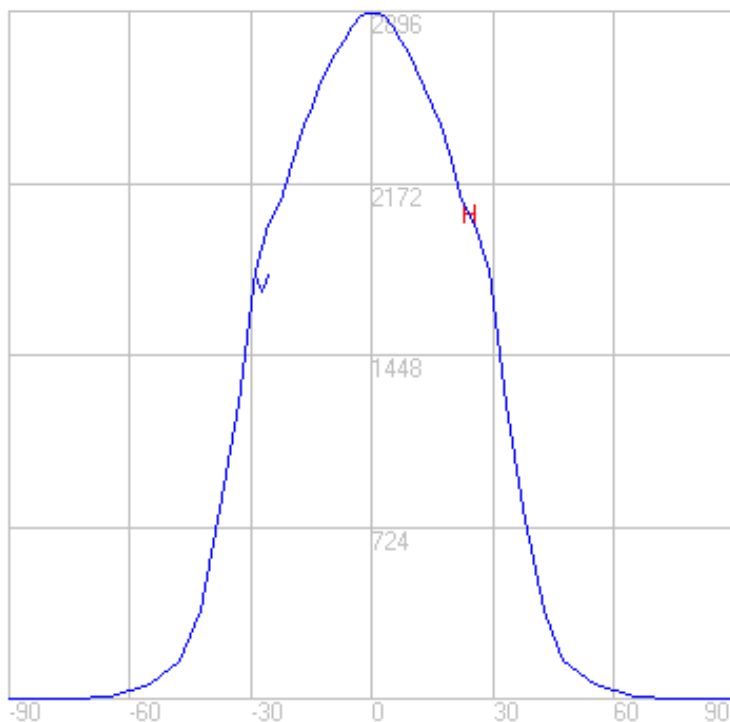
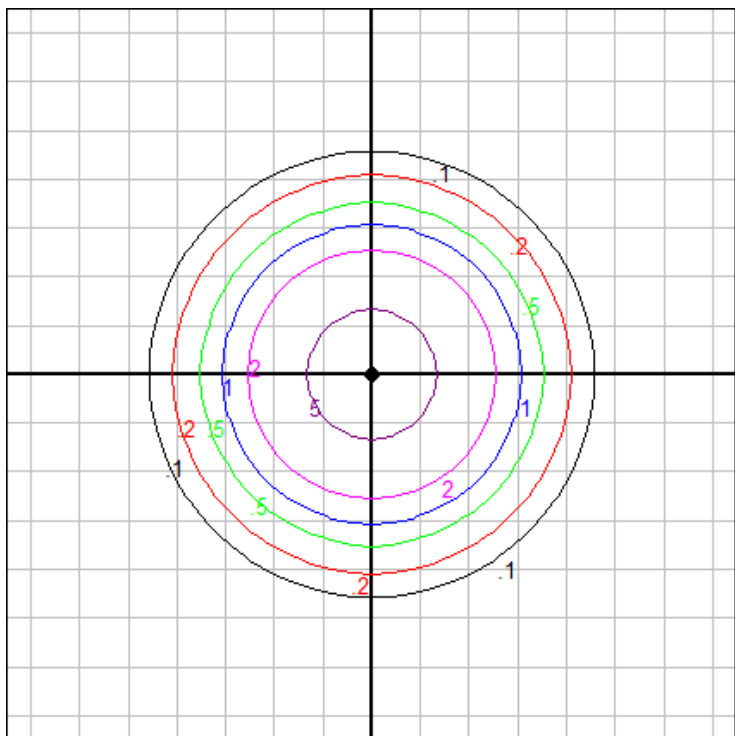


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	2895.8
Maximum Candela Angle	-1 H -1 V
Horizontal Beam Angle (50%)	63.1
Vertical Beam Angle (50%)	63.1
Horizontal Field Angle (10%)	88.8
Vertical Field Angle (10%)	88.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2053
Beam Efficiency	N.A.
Field Lumens	2667
Field Efficiency	N.A.
Spill Lumens	170
Luminaire Lumens	2837
Total Efficiency	N.A.
Total Luminaire Watts	27
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	266.01
10-20	700.27
20-30	924.33
30-40	654.90
40-50	210.35
50-60	58.70
60-70	13.07
70-80	0.44
80-90	0.00
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.

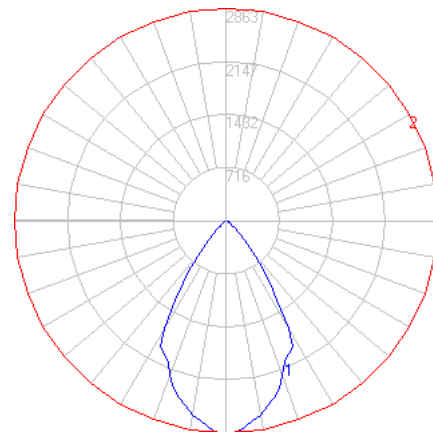
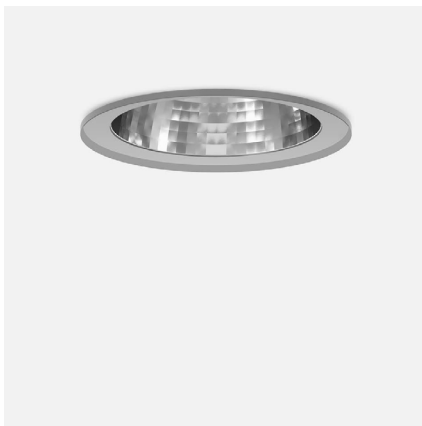
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File: 24484K35_BEGA_IES.ies

TEST: BE_24484K4
 TEST LAB: BEGA
 DATE: 12/15/2022
 LUMINAIRE: 24 484K35
 LAMP: 24.1W LED

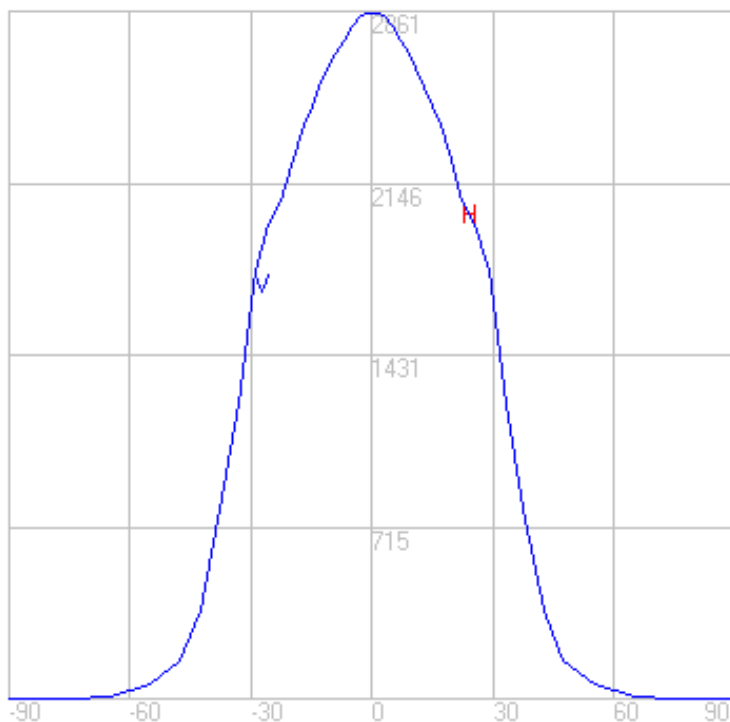
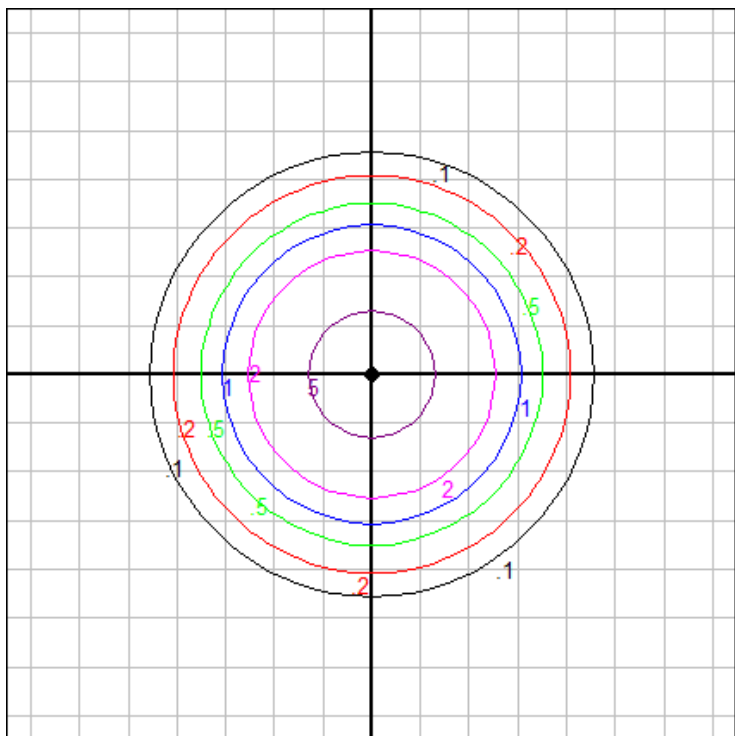


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	2861.006
Maximum Candela Angle	-1 H -1 V
Horizontal Beam Angle (50%)	63.1
Vertical Beam Angle (50%)	63.1
Horizontal Field Angle (10%)	88.8
Vertical Field Angle (10%)	88.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2028
Beam Efficiency	N.A.
Field Lumens	2635
Field Efficiency	N.A.
Spill Lumens	168
Luminaire Lumens	2803
Total Efficiency	N.A.
Total Luminaire Watts	27
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	262.81
10-20	691.86
20-30	913.24
30-40	647.04
40-50	207.82
50-60	58.00
60-70	12.91
70-80	0.44
80-90	0.00
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.

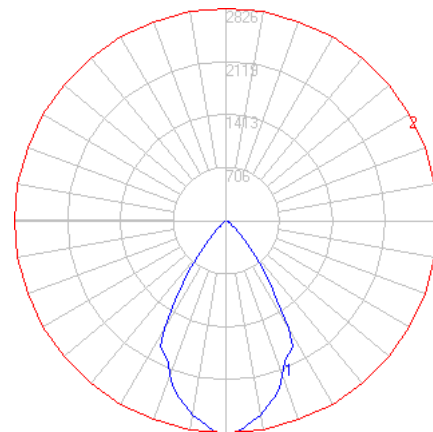
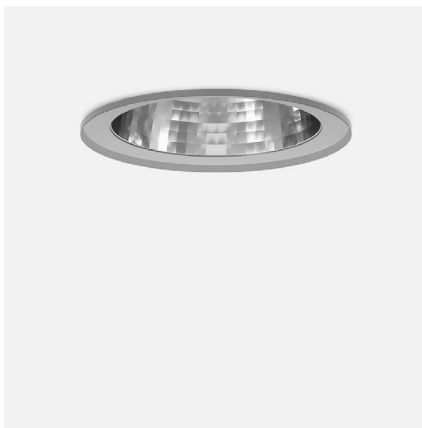
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File: 24484K3_BEGA_IES.ies

TEST: BE_24484K4
 TEST LAB: BEGA
 DATE: 12/15/2022
 LUMINAIRE: 24 484K3
 LAMP: 24.1W LED

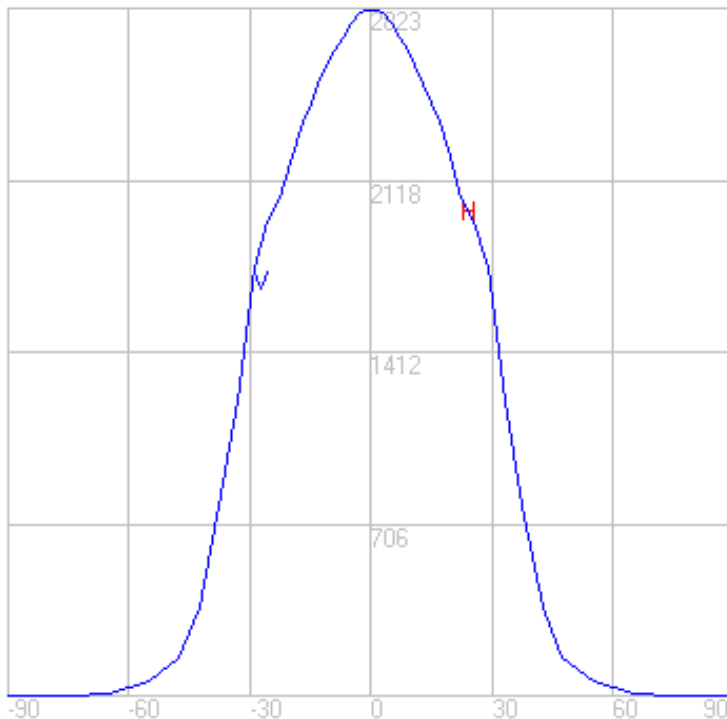
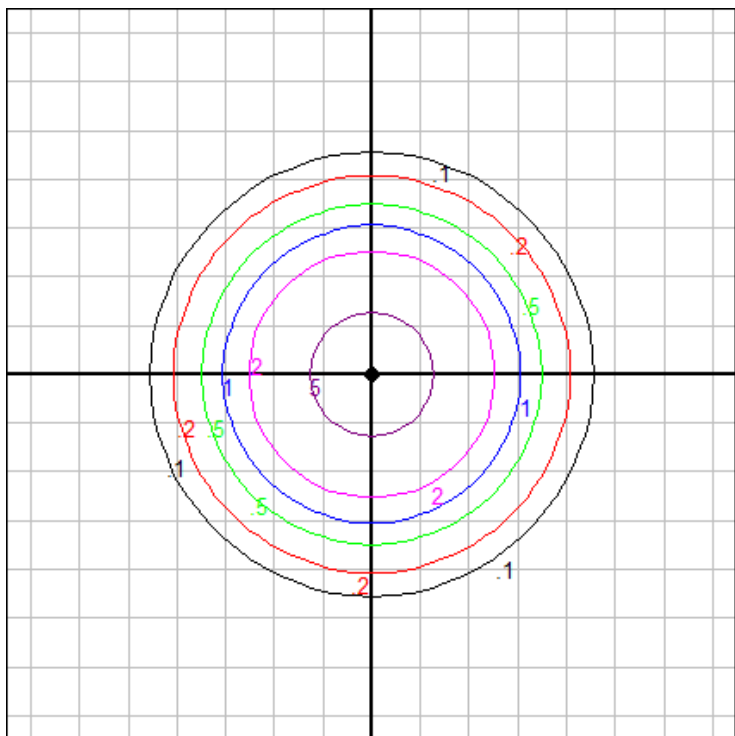


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	2823.361
Maximum Candela Angle	-1 H -1 V
Horizontal Beam Angle (50%)	63.1
Vertical Beam Angle (50%)	63.1
Horizontal Field Angle (10%)	88.8
Vertical Field Angle (10%)	88.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2002
Beam Efficiency	N.A.
Field Lumens	2600
Field Efficiency	N.A.
Spill Lumens	166
Luminaire Lumens	2766
Total Efficiency	N.A.
Total Luminaire Watts	27
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	259.36
10-20	682.76
20-30	901.22
30-40	638.53
40-50	205.09
50-60	57.23
60-70	12.74
70-80	0.43
80-90	0.00
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.

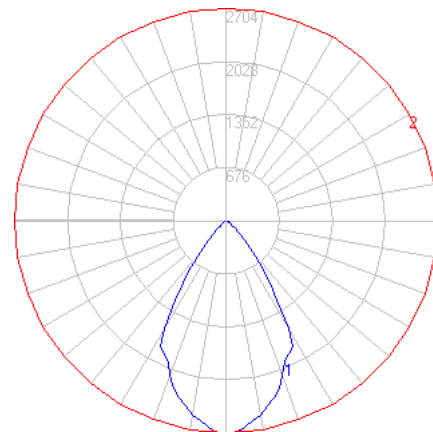
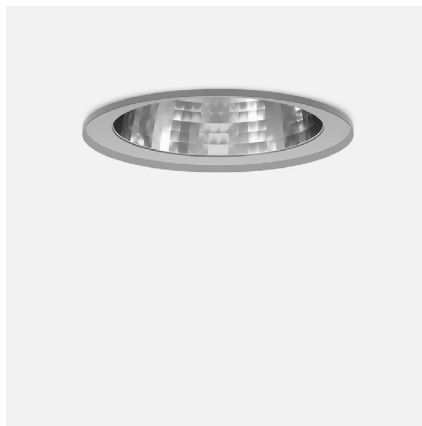
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File: 24484K27_BEGA_IES.ies

TEST: BE_24484K4
 TEST LAB: BEGA
 DATE: 12/15/2022
 LUMINAIRE: 24 484K27
 LAMP: 24.1W LED

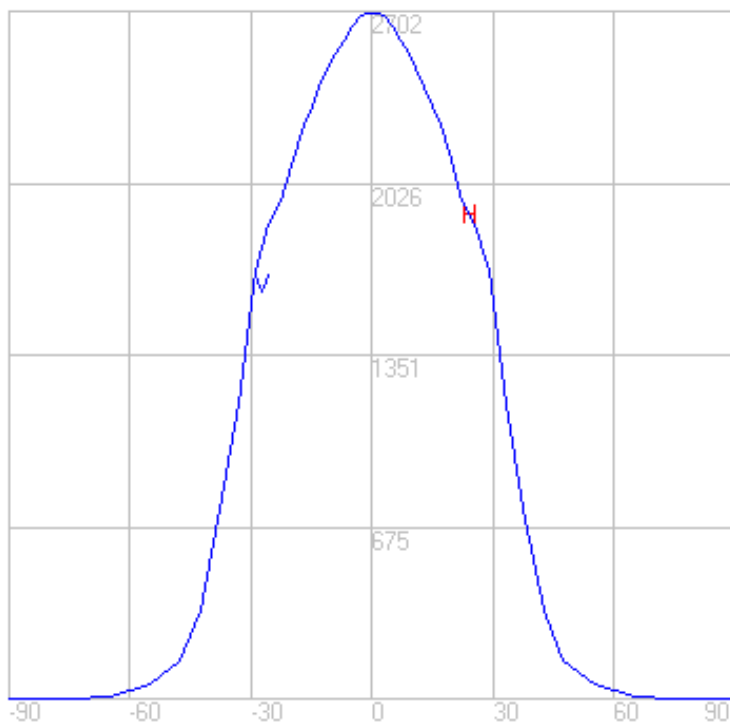
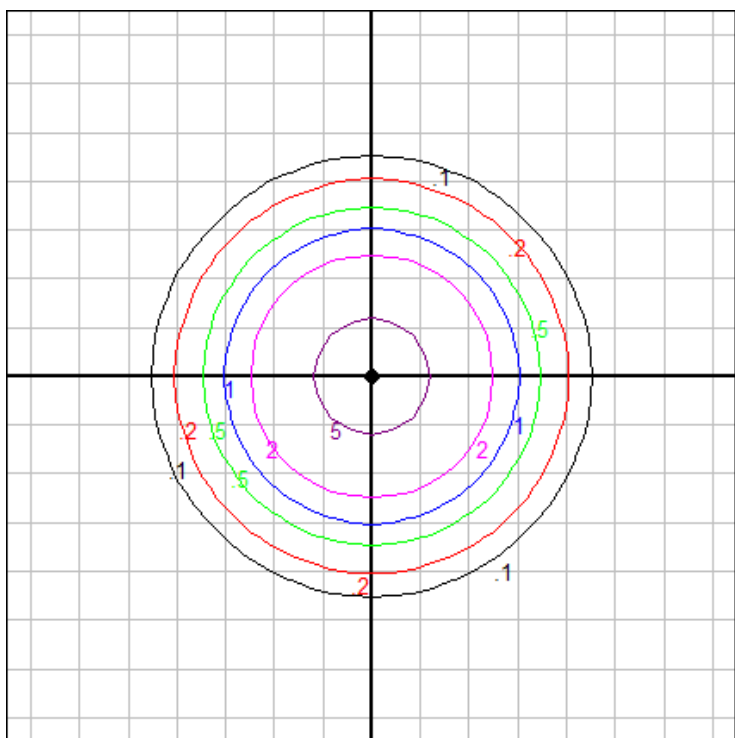


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	2701.739
Maximum Candela Angle	-1 H -1 V
Horizontal Beam Angle (50%)	63.1
Vertical Beam Angle (50%)	63.1
Horizontal Field Angle (10%)	88.8
Vertical Field Angle (10%)	88.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1915
Beam Efficiency	N.A.
Field Lumens	2488
Field Efficiency	N.A.
Spill Lumens	159
Luminaire Lumens	2647
Total Efficiency	N.A.
Total Luminaire Watts	27
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	248.18
10-20	653.35
20-30	862.40
30-40	611.02
40-50	196.25
50-60	54.77
60-70	12.19
70-80	0.41
80-90	0.00
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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