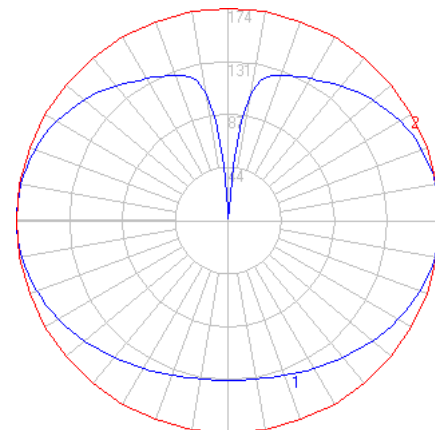
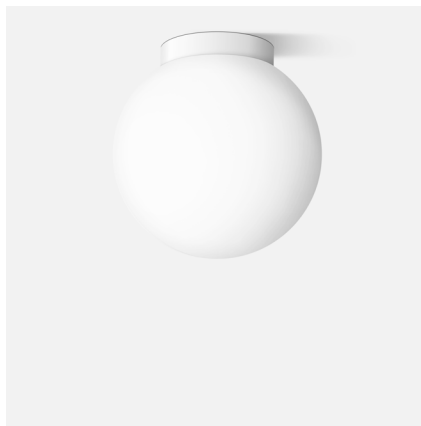


BEGA

File: 50539K4_BEGA_IES.ies

TEST: BE_50539K4
TEST LAB: BEGA
DATE: 03/21/2018
LUMINAIRE: 50539K4
LAMP: 15.2W LED

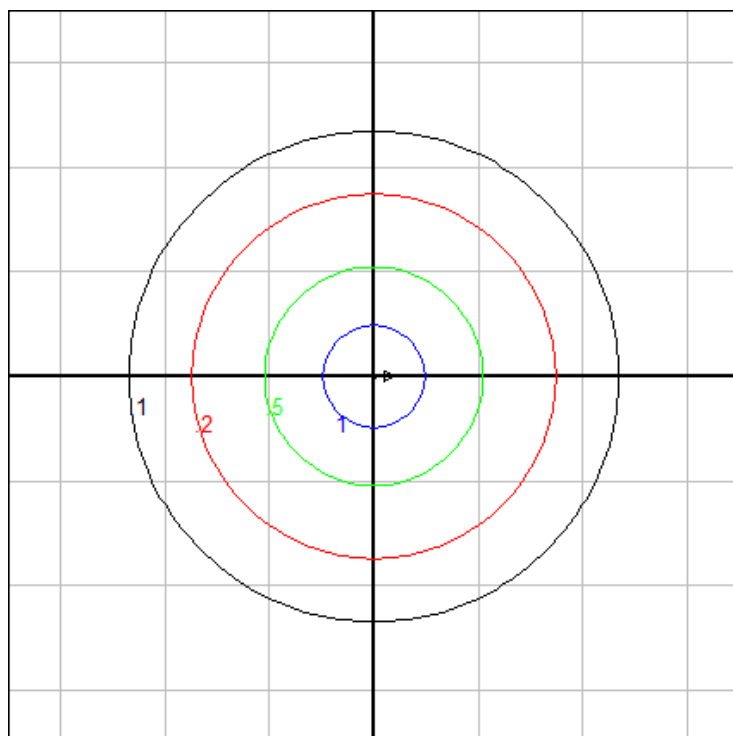


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1980
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	104
Total Luminaire Watts	19
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Sphere
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.82 ft (Diameter)
Luminous Height	0.82 ft (Diameter)

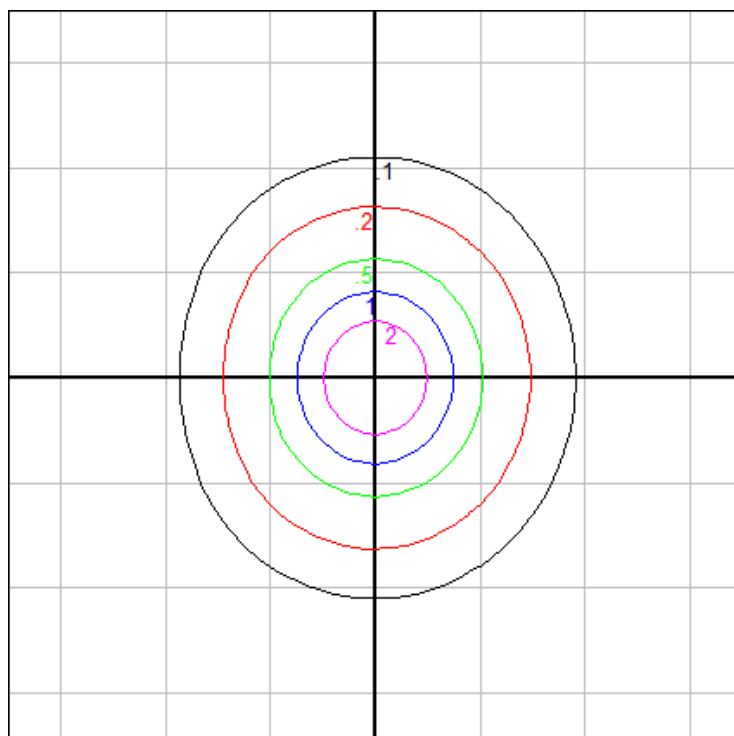
Zonal Lumen Summary

Zone	Lumens
0-10	12.55
10-20	37.87
20-30	63.75
30-40	90.11
40-50	116.39
50-60	141.59
60-70	163.71
70-80	180.25
80-90	189.23
90-100	189.81
100-110	181.58
110-120	165.29
120-130	142.67
130-140	115.81
140-150	87.59
150-160	60.64
160-170	34.44
170-180	6.38



Ceiling Mounting Height: 10 ft.

Grid Spacing: 10 ft.



Wall Mounting Height: 6 ft.

Grid Spacing: 10 ft.

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

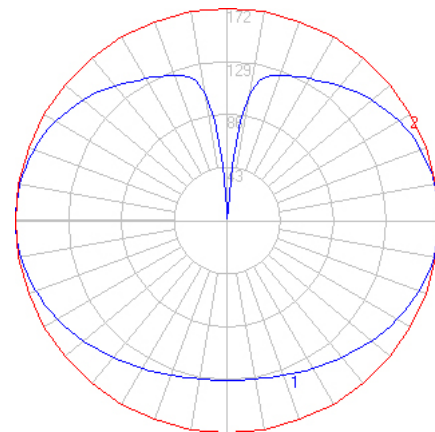
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BEGA

File: 50539K35_BEGA_IES.ies

TEST: BE_50539K4
TEST LAB: BEGA
DATE: 03/21/2018
LUMINAIRE: 50539K35
LAMP: 15.2W LED

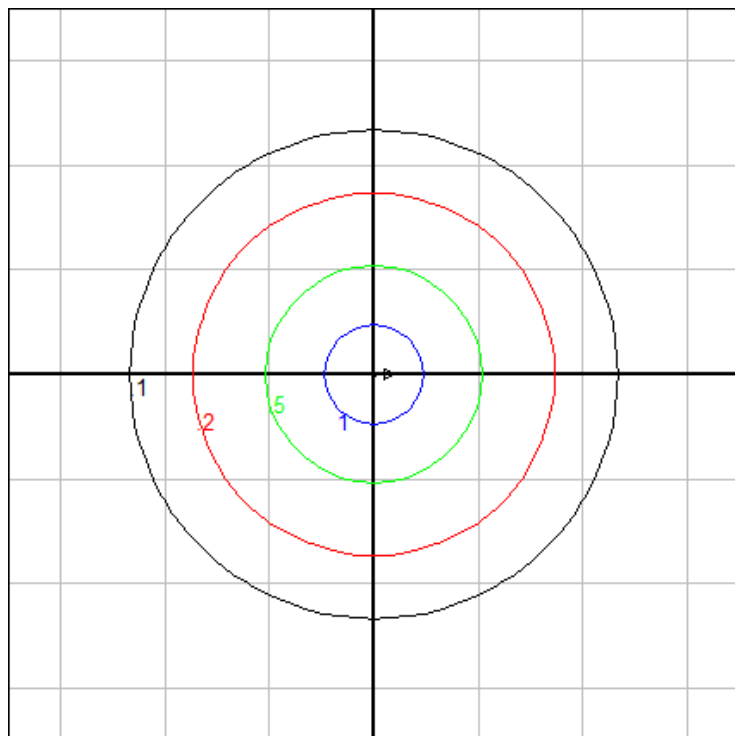


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1960
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	103
Total Luminaire Watts	19
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Sphere
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.82 ft (Diameter)
Luminous Height	0.82 ft (Diameter)

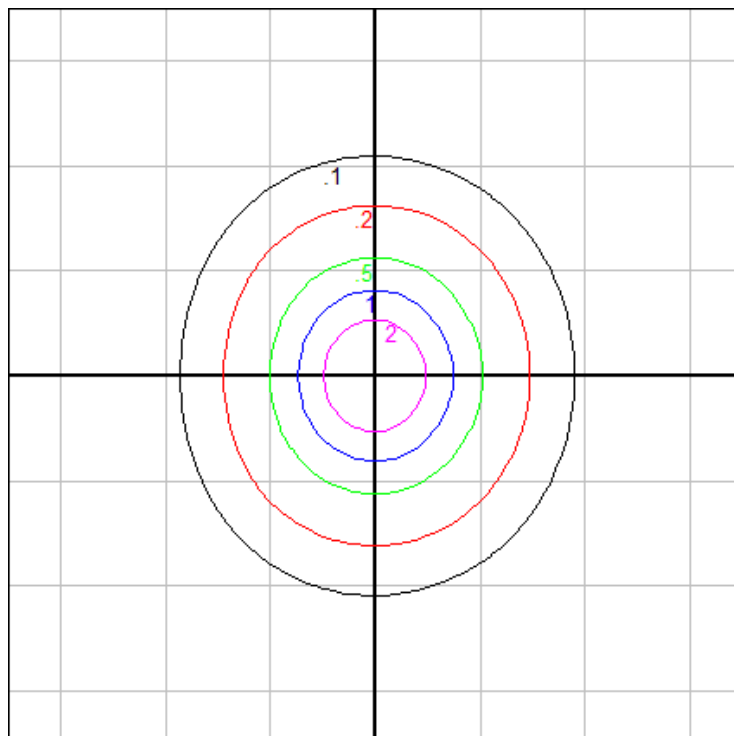
Zonal Lumen Summary

Zone	Lumens
0-10	12.43
10-20	37.49
20-30	63.11
30-40	89.21
40-50	115.22
50-60	140.18
60-70	162.07
70-80	178.44
80-90	187.34
90-100	187.91
100-110	179.76
110-120	163.63
120-130	141.24
130-140	114.65
140-150	86.71
150-160	60.03
160-170	34.09
170-180	6.32



Ceiling Mounting Height: 10 ft.

Grid Spacing: 10 ft.



Wall Mounting Height: 6 ft.

Grid Spacing: 10 ft.

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

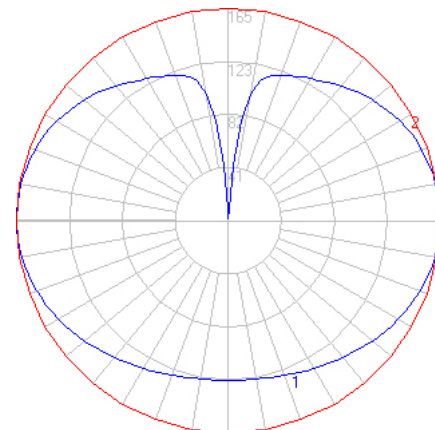
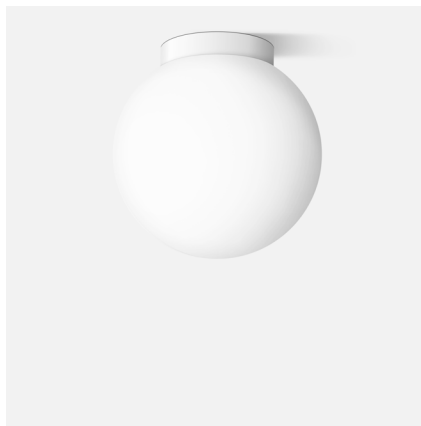
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BEGA

File: 50539K3_BEGA_IES.ies

TEST: BE_50539K4
TEST LAB: BEGA
DATE: 03/21/2018
LUMINAIRE: 50539K3
LAMP: 15.2W LED

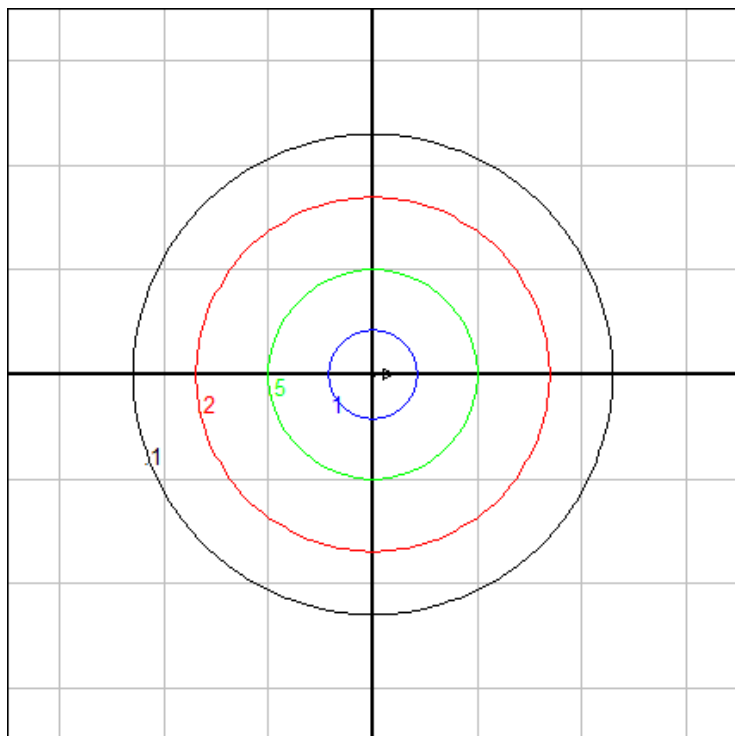


Characteristics

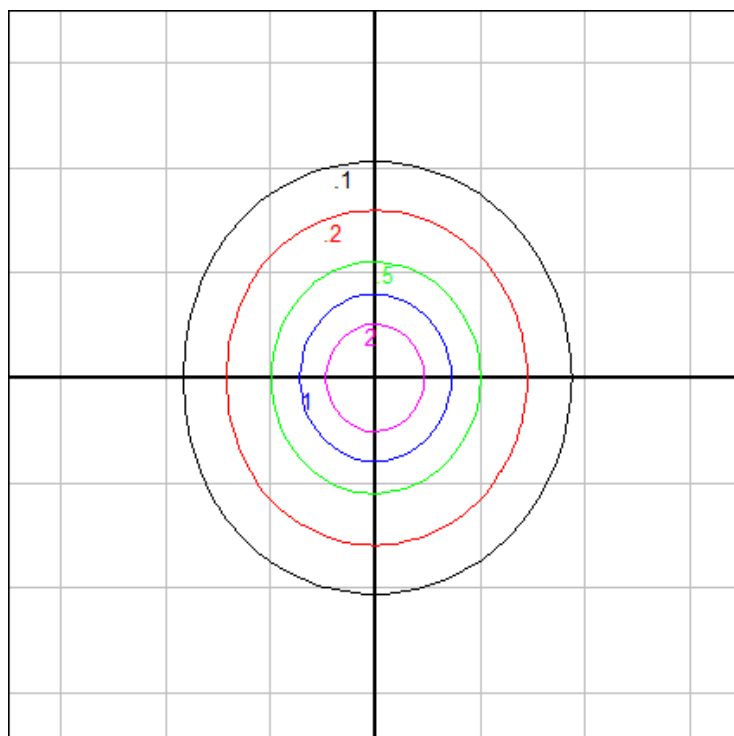
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1871
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	98
Total Luminaire Watts	19
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Sphere
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.82 ft (Diameter)
Luminous Height	0.82 ft (Diameter)

Zonal Lumen Summary

Zone	Lumens
0-10	11.86
10-20	35.78
20-30	60.24
30-40	85.16
40-50	109.99
50-60	133.81
60-70	154.71
70-80	170.33
80-90	178.83
90-100	179.37
100-110	171.59
110-120	156.20
120-130	134.82
130-140	109.44
140-150	82.77
150-160	57.30
160-170	32.54
170-180	6.03



Ceiling Mounting Height: 10 ft. Grid Spacing: 10 ft.



Wall Mounting Height: 6 ft. Grid Spacing: 10 ft.

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

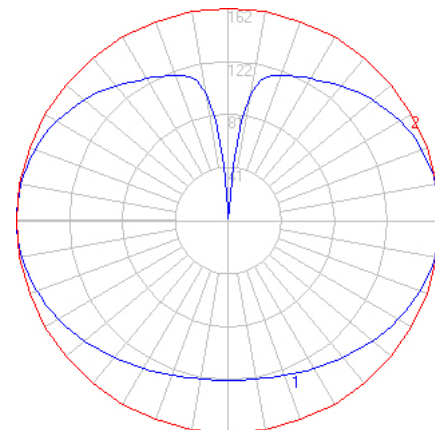
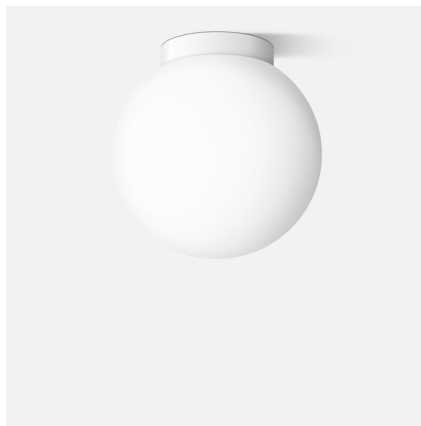
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BEGA

File: 50539K27_BEGA_IES.ies

TEST: BE_50539K4
TEST LAB: BEGA
DATE: 03/21/2018
LUMINAIRE: 50539K27
LAMP: 15.2W LED

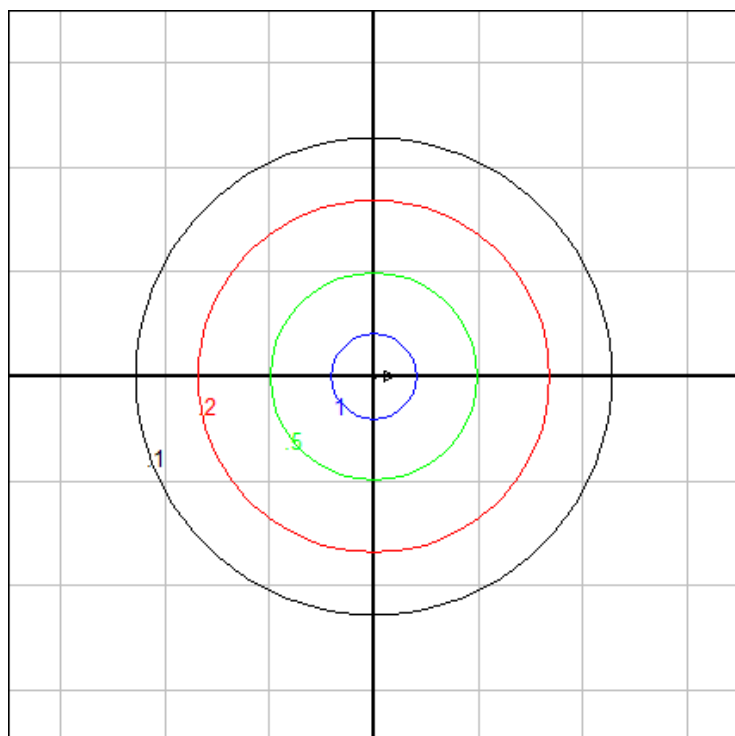


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1845
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	97
Total Luminaire Watts	19
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Sphere
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.82 ft (Diameter)
Luminous Height	0.82 ft (Diameter)

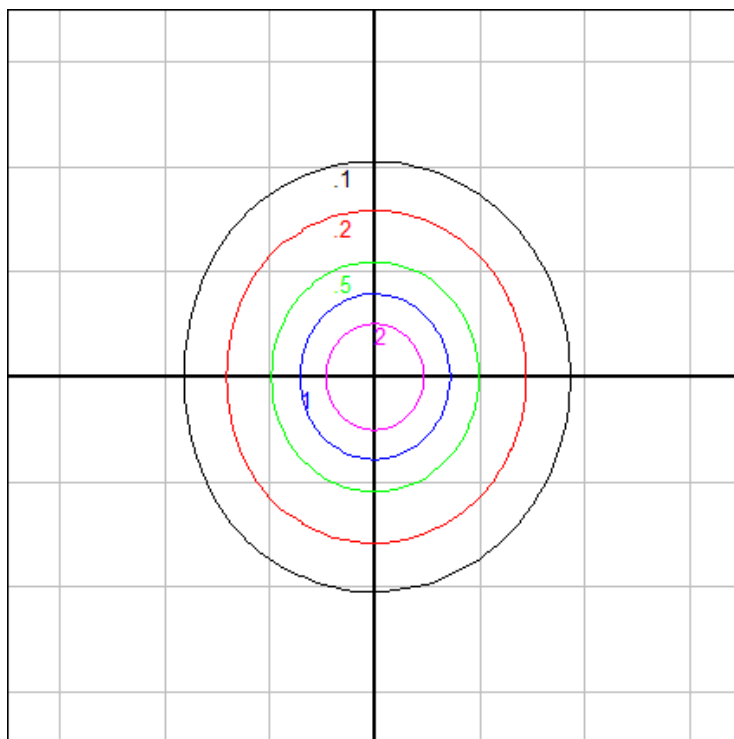
Zonal Lumen Summary

Zone	Lumens
0-10	11.70
10-20	35.29
20-30	59.41
30-40	83.99
40-50	108.47
50-60	131.96
60-70	152.58
70-80	167.99
80-90	176.37
90-100	176.90
100-110	169.23
110-120	154.05
120-130	132.97
130-140	107.94
140-150	81.63
150-160	56.51
160-170	32.09
170-180	5.95



Ceiling Mounting Height: 10 ft.

Grid Spacing: 10 ft.



Wall Mounting Height: 6 ft.

Grid Spacing: 10 ft.

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