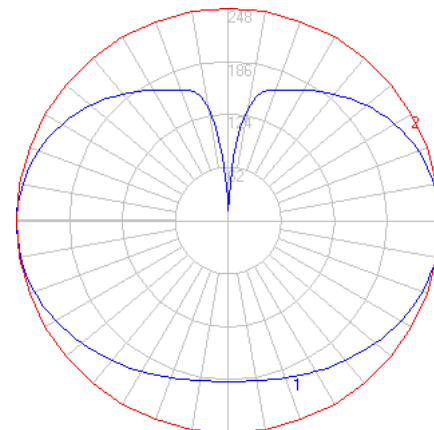
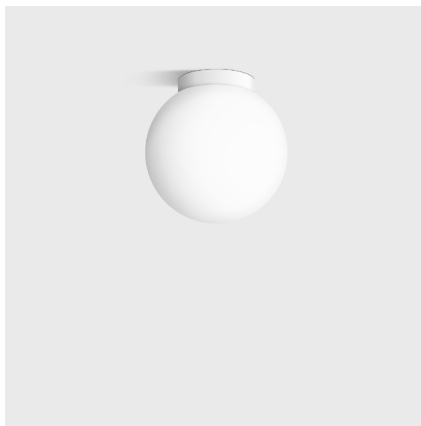


BEGA

File: 50540K4_BEGA_IES.ies

TEST: BE_50540K4
TEST LAB: BEGA
DATE: 03/21/2018
LUMINAIRE: 50 540K4
LAMP: 22.0W LED

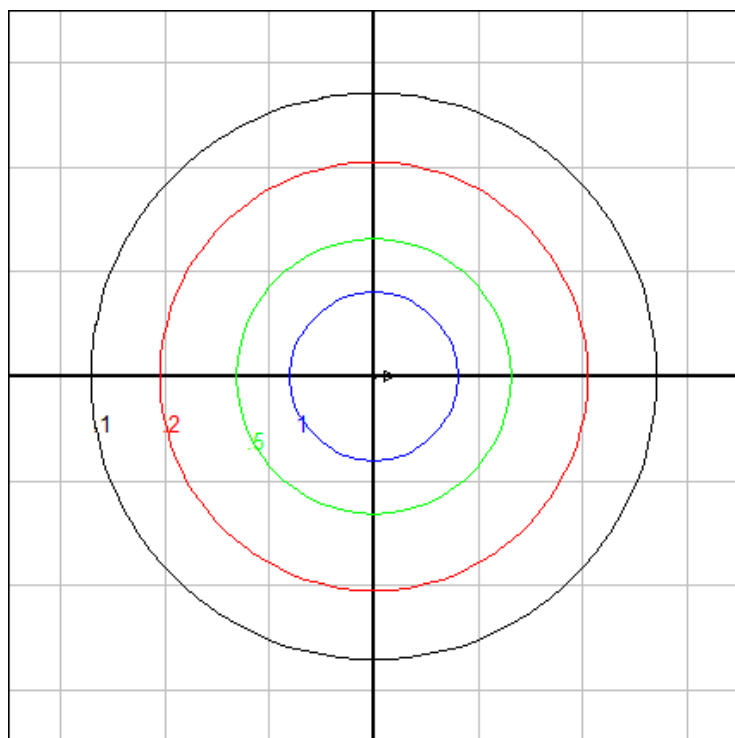


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2785
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	103
Total Luminaire Watts	27
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	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.98 ft (Diameter)
Luminous Height	0.88 ft

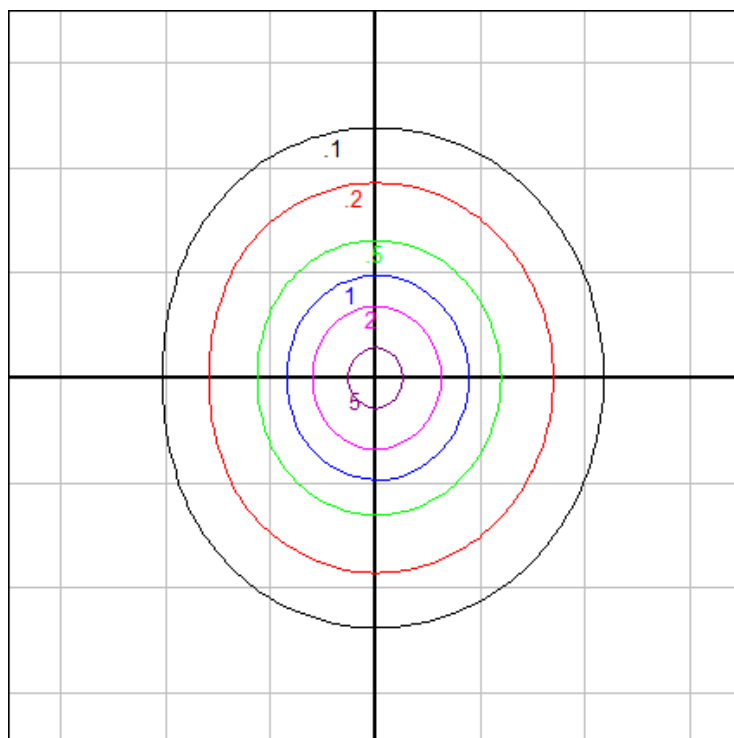
Zonal Lumen Summary

Zone	Lumens
0-10	18.03
10-20	54.58
20-30	92.31
30-40	130.88
40-50	169.03
50-60	205.11
60-70	236.17
70-80	258.67
80-90	269.89
90-100	268.64
100-110	254.79
110-120	229.49
120-130	195.31
130-140	155.98
140-150	115.77
150-160	78.34
160-170	43.72
170-180	8.77



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.

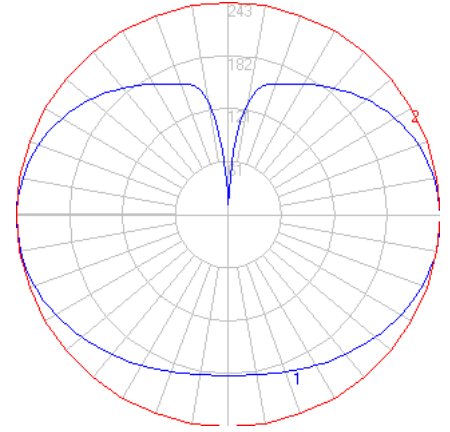
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BEGA

File: 5054035_BEGA_IES.ies

TEST: BE_50540K4
TEST LAB: BEGA
DATE: 03/21/2018
LUMINAIRE: 50 540K35
LAMP: 22.0W LED

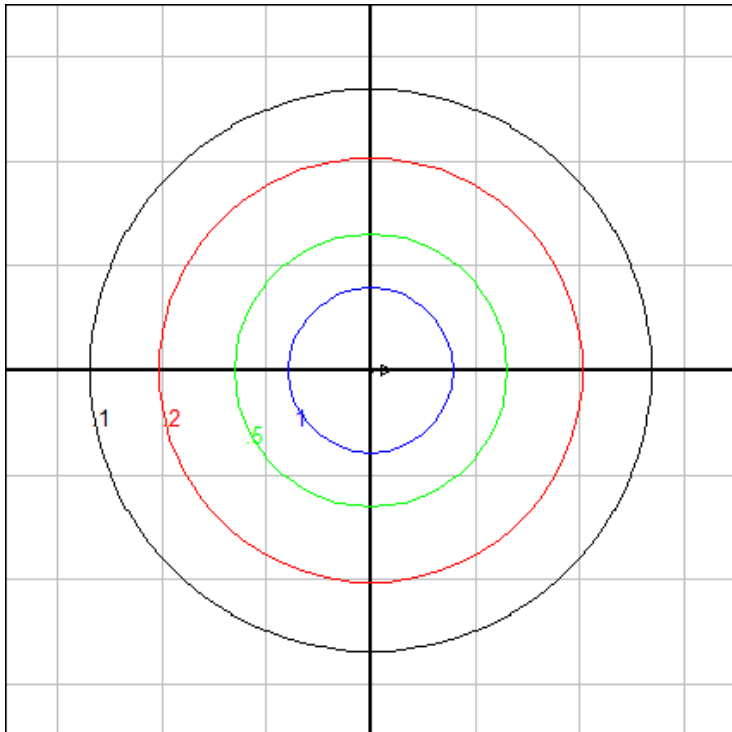


Characteristics

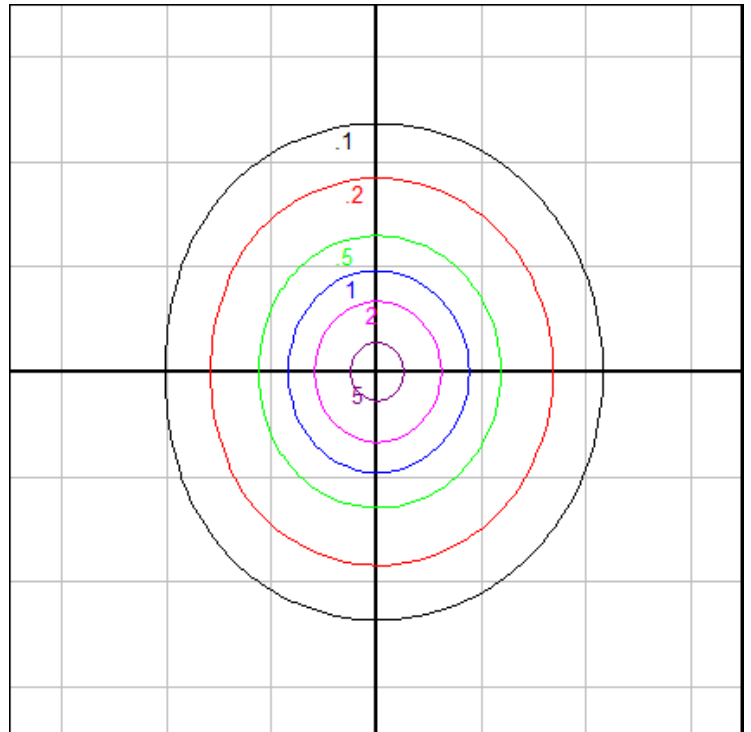
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2730
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	101
Total Luminaire Watts	27
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.98 ft (Diameter)
Luminous Height	0.88 ft

Zonal Lumen Summary

Zone	Lumens
0-10	17.67
10-20	53.49
20-30	90.46
30-40	128.26
40-50	165.65
50-60	201.01
60-70	231.45
70-80	253.49
80-90	264.49
90-100	263.27
100-110	249.69
110-120	224.90
120-130	191.40
130-140	152.86
140-150	113.45
150-160	76.77
160-170	42.85
170-180	8.59



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.

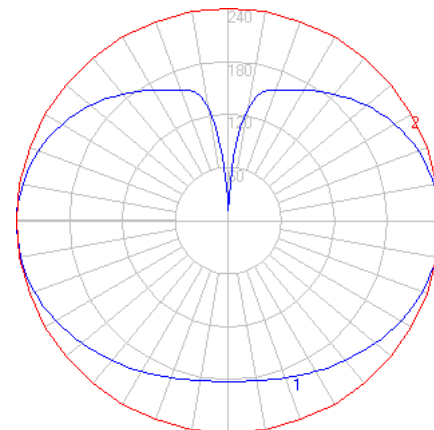
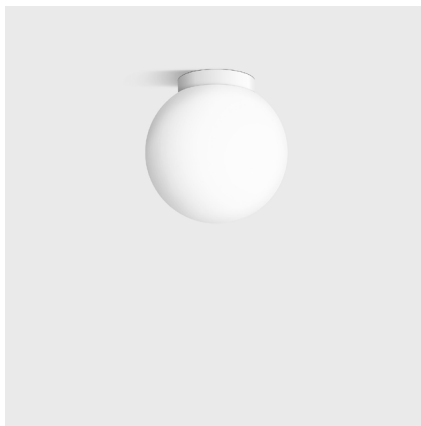
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BEGA

File: 50540K3_BEGA_IES.ies

TEST: BE_50540K4
TEST LAB: BEGA
DATE: 03/21/2018
LUMINAIRE: 50 540K3
LAMP: 22.0W LED

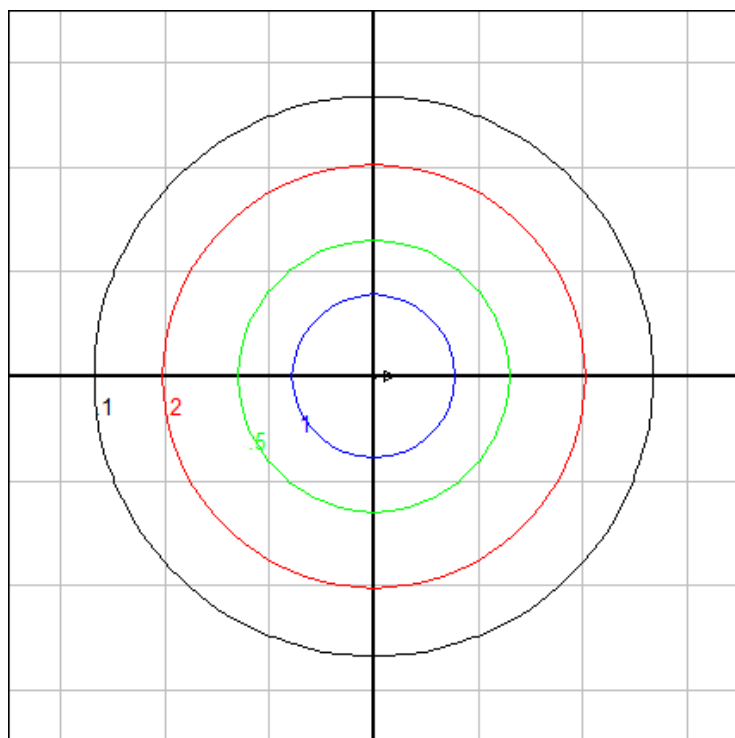


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2702
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	100
Total Luminaire Watts	27
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	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.98 ft (Diameter)
Luminous Height	0.88 ft

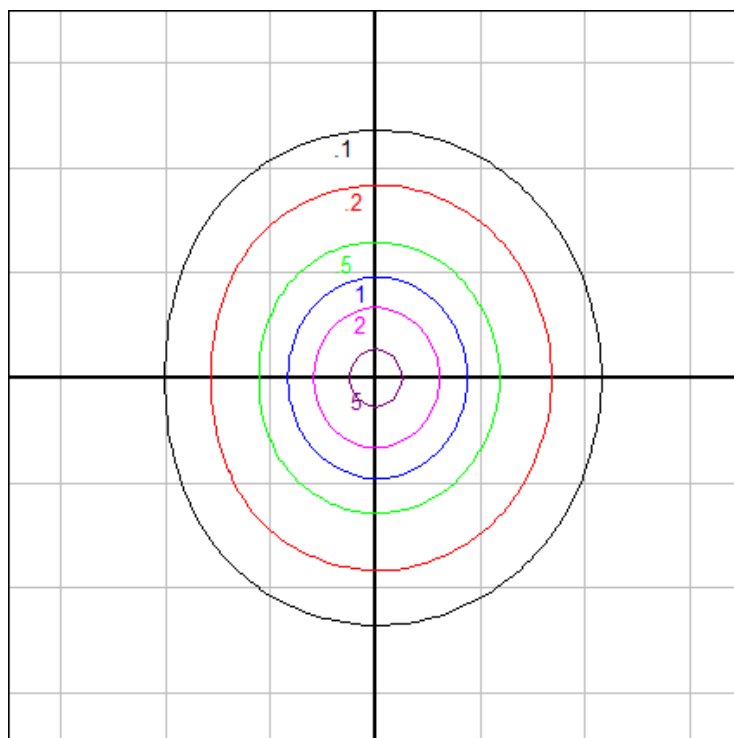
Zonal Lumen Summary

Zone	Lumens
0-10	17.49
10-20	52.94
20-30	89.54
30-40	126.95
40-50	163.95
50-60	198.96
60-70	229.09
70-80	250.91
80-90	261.79
90-100	260.58
100-110	247.14
110-120	222.61
120-130	189.45
130-140	151.30
140-150	112.30
150-160	75.99
160-170	42.41
170-180	8.50



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.

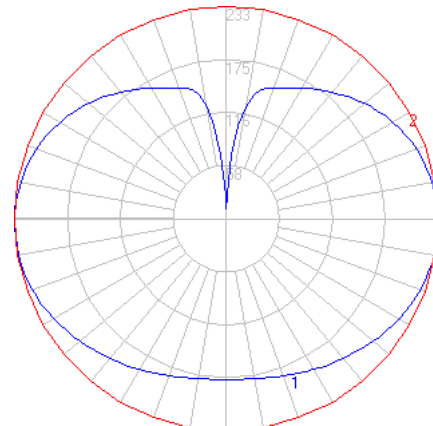
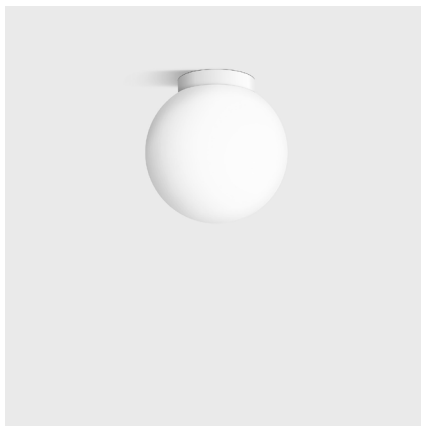
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BEGA

File: 50540K27_BEGA_IES.ies

TEST: BE_50540K4
TEST LAB: BEGA
DATE: 03/21/2018
LUMINAIRE: 50 540K27
LAMP: 22.0W LED

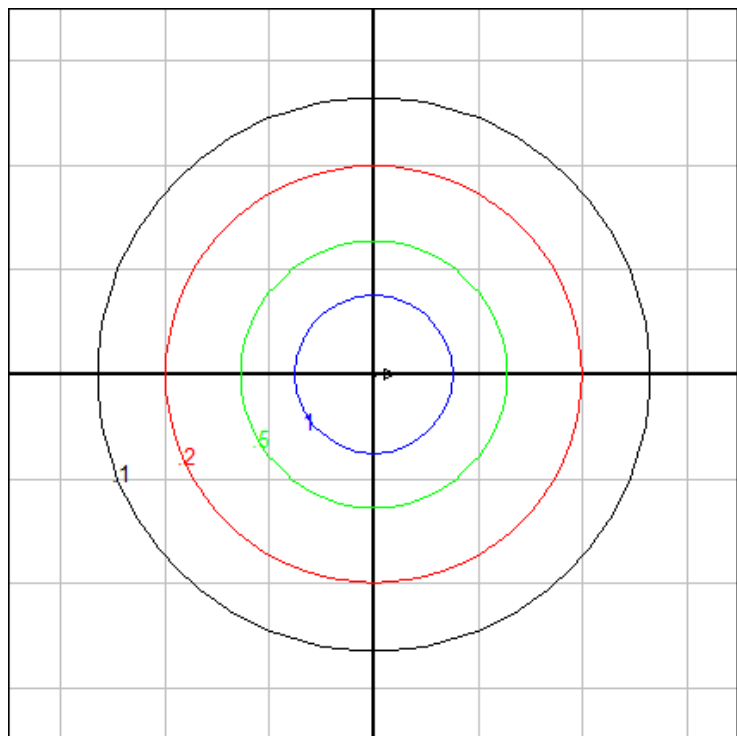


Characteristics

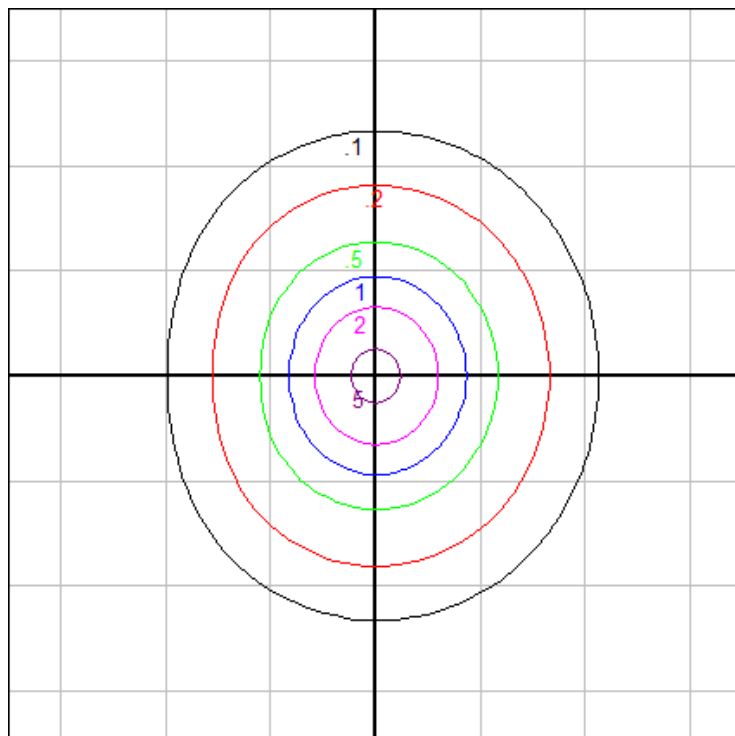
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2618
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	97
Total Luminaire Watts	27
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.98 ft (Diameter)
Luminous Height	0.88 ft

Zonal Lumen Summary

Zone	Lumens
0-10	16.95
10-20	51.31
20-30	86.77
30-40	123.03
40-50	158.88
50-60	192.80
60-70	222.00
70-80	243.15
80-90	253.70
90-100	252.52
100-110	239.50
110-120	215.72
120-130	183.59
130-140	146.62
140-150	108.82
150-160	73.64
160-170	41.10
170-180	8.24



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



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

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