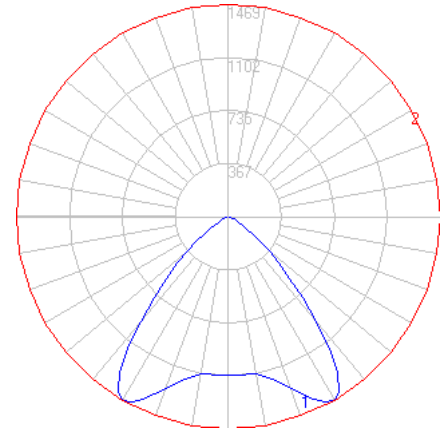
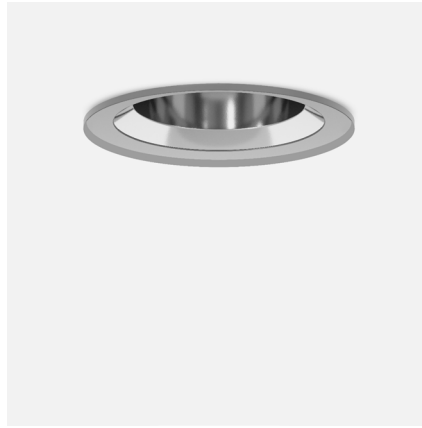


BEGA

File: 24487K4_BEGA_IES.ies

TEST: BE_24487K4
TEST LAB: BEGA
DATE: 12/19/2022
LUMINAIRE: 24 487K4
LAMP: 24.1W LED

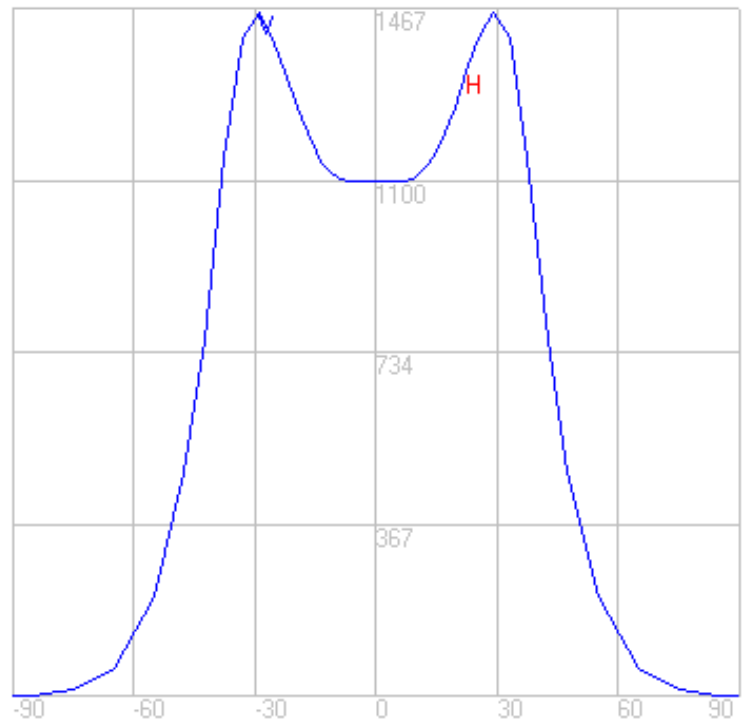
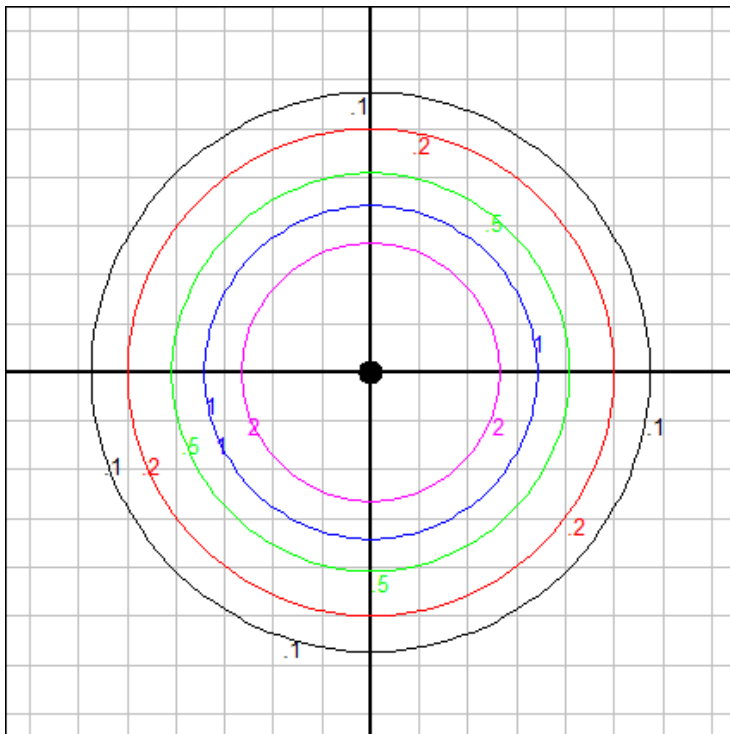


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	1467.1
Maximum Candela Angle	-29 H -7 V
Horizontal Beam Angle (50%)	66.4
Vertical Beam Angle (50%)	85.0
Horizontal Field Angle (10%)	106.3
Vertical Field Angle (10%)	117.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2052
Beam Efficiency	N.A.
Field Lumens	2522
Field Efficiency	N.A.
Spill Lumens	124
Luminaire Lumens	2645
Total Efficiency	N.A.
Total Luminaire Watts	27
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	105.22
10-20	335.18
20-30	644.52
30-40	795.58
40-50	478.31
50-60	197.56
60-70	61.45
70-80	15.22
80-90	1.40
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.

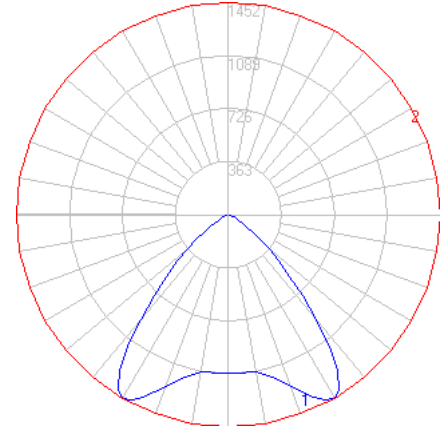
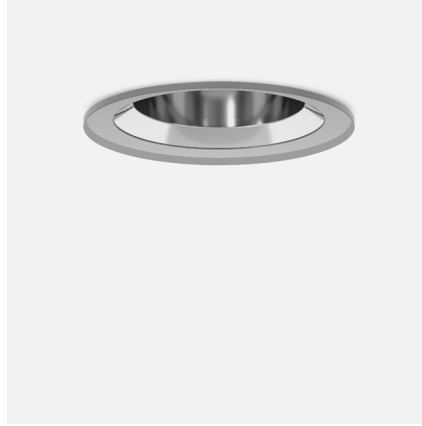
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File: 24487K35_BEGA_IES.ies

TEST: BE_24487K4
TEST LAB: BEGA
DATE: 12/19/2022
LUMINAIRE: 24 487K35
LAMP: 24.1W LED

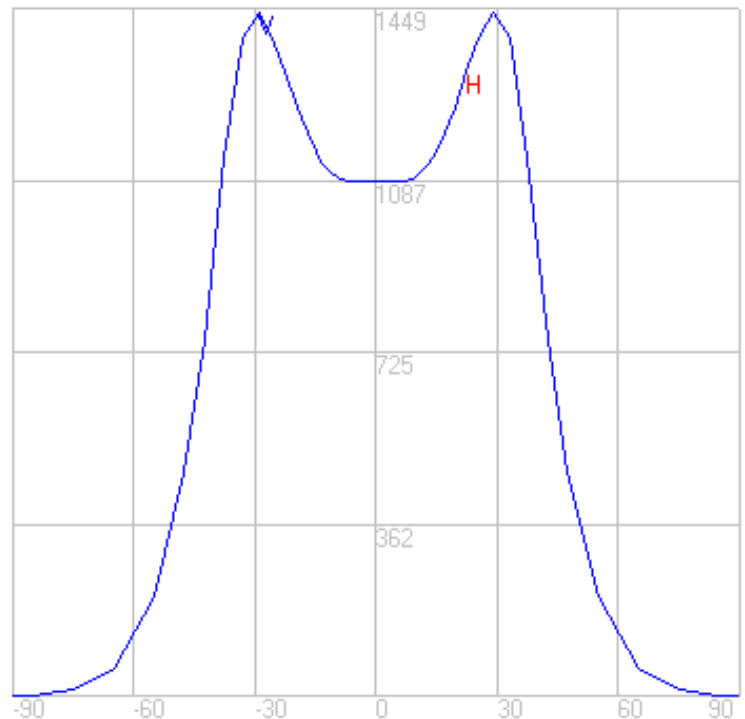
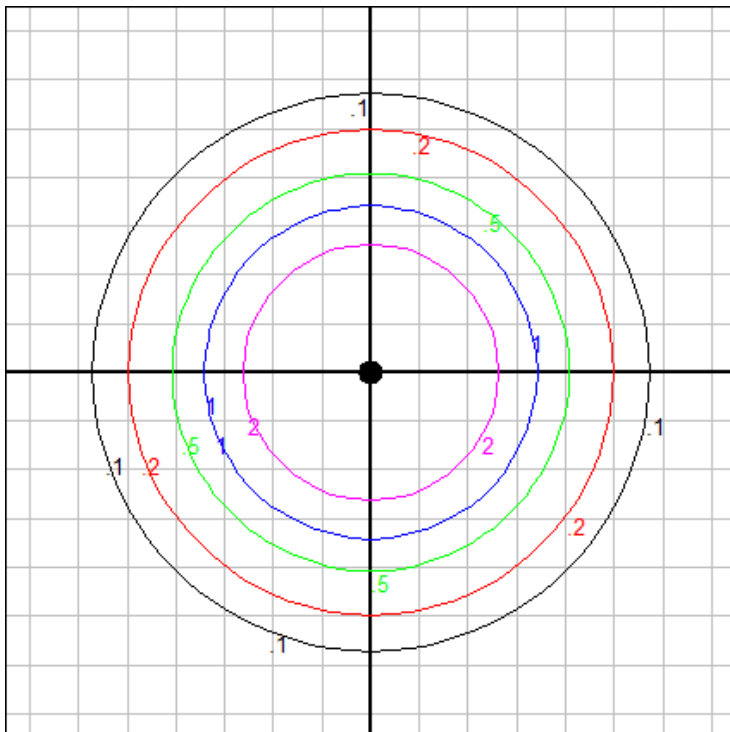


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	1449.476
Maximum Candela Angle	-29 H -7 V
Horizontal Beam Angle (50%)	66.4
Vertical Beam Angle (50%)	85.0
Horizontal Field Angle (10%)	106.3
Vertical Field Angle (10%)	117.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2028
Beam Efficiency	N.A.
Field Lumens	2491
Field Efficiency	N.A.
Spill Lumens	122
Luminaire Lumens	2614
Total Efficiency	N.A.
Total Luminaire Watts	27
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	103.96
10-20	331.16
20-30	636.78
30-40	786.03
40-50	472.57
50-60	195.19
60-70	60.71
70-80	15.04
80-90	1.38
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.

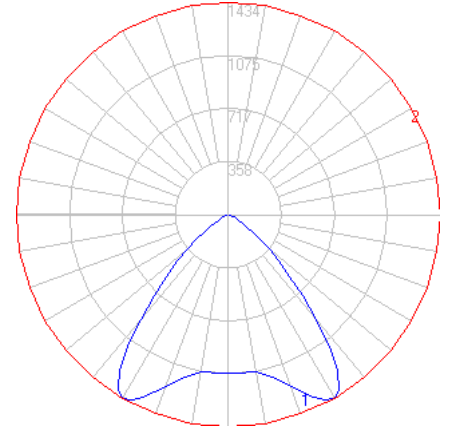
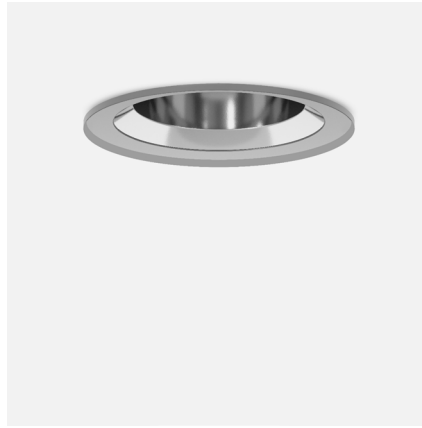
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File: 24487K3_BEGA_IES.ies

TEST: BE_24487K4
TEST LAB: BEGA
DATE: 12/19/2022
LUMINAIRE: 24 487K3
LAMP: 24.1W LED

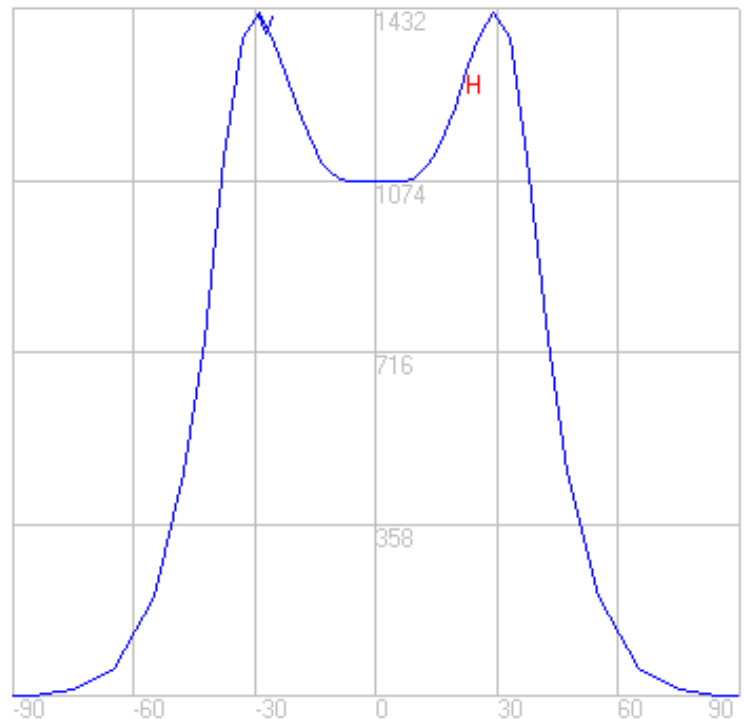
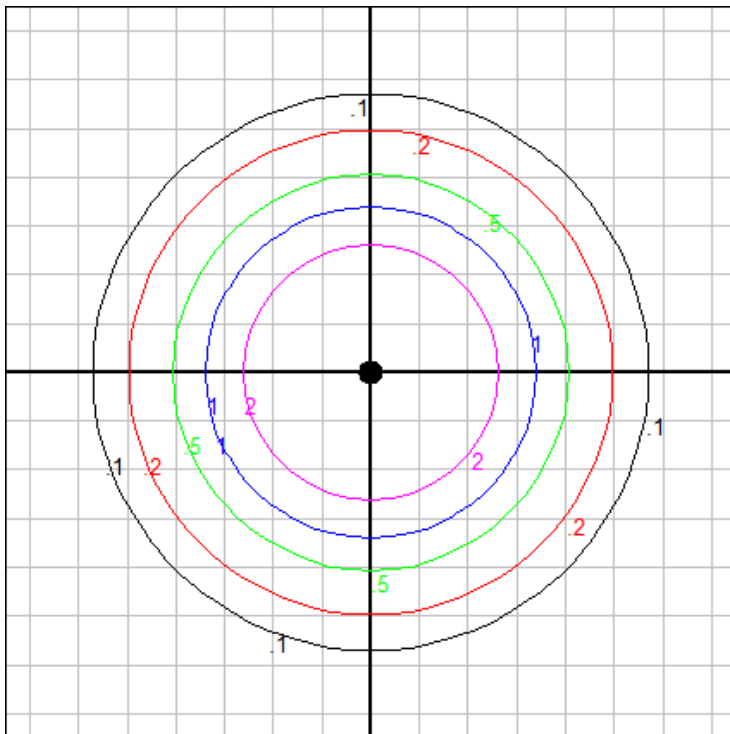


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	1431.871
Maximum Candela Angle	-29 H -7 V
Horizontal Beam Angle (50%)	66.4
Vertical Beam Angle (50%)	85.0
Horizontal Field Angle (10%)	106.3
Vertical Field Angle (10%)	117.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2003
Beam Efficiency	N.A.
Field Lumens	2461
Field Efficiency	N.A.
Spill Lumens	121
Luminaire Lumens	2582
Total Efficiency	N.A.
Total Luminaire Watts	27
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	102.70
10-20	327.13
20-30	629.05
30-40	776.49
40-50	466.83
50-60	192.82
60-70	59.98
70-80	14.86
80-90	1.37
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.

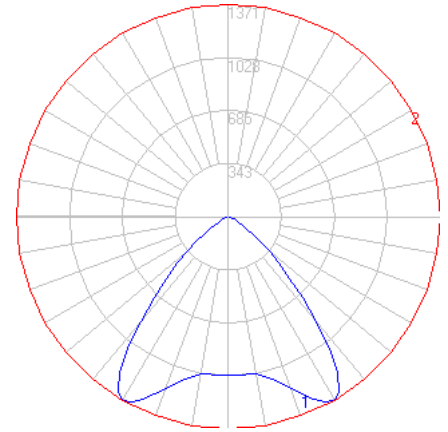
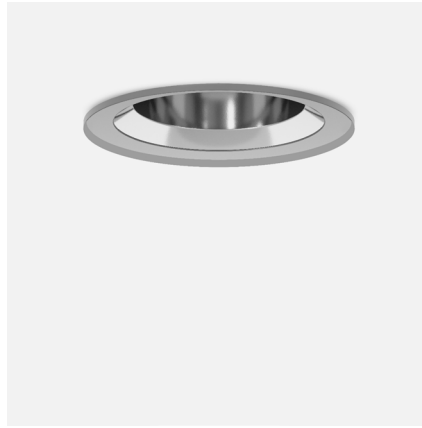
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File: 24487K27_BEGA_IES.ies

TEST: BE_24487K4
TEST LAB: BEGA
DATE: 12/19/2022
LUMINAIRE: 24 487K27
LAMP: 24.1W LED

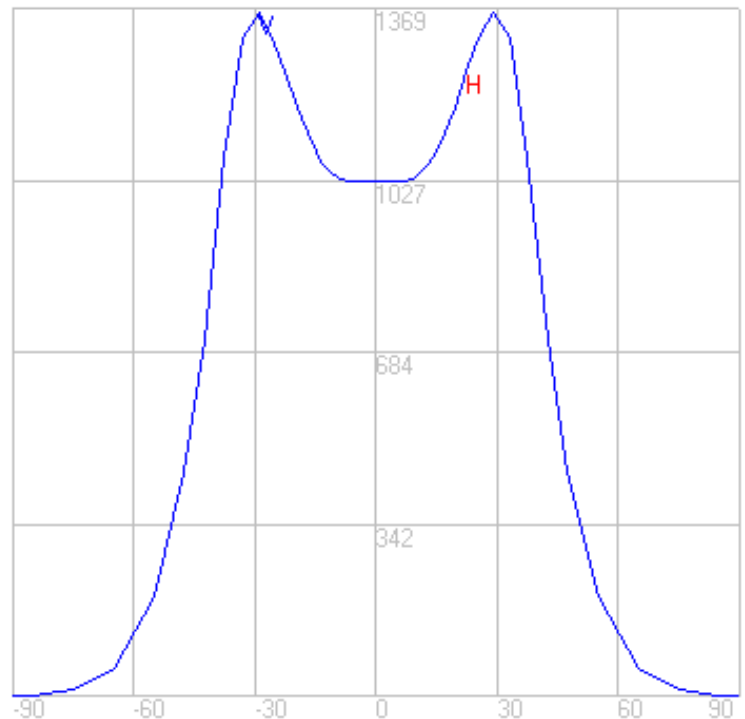
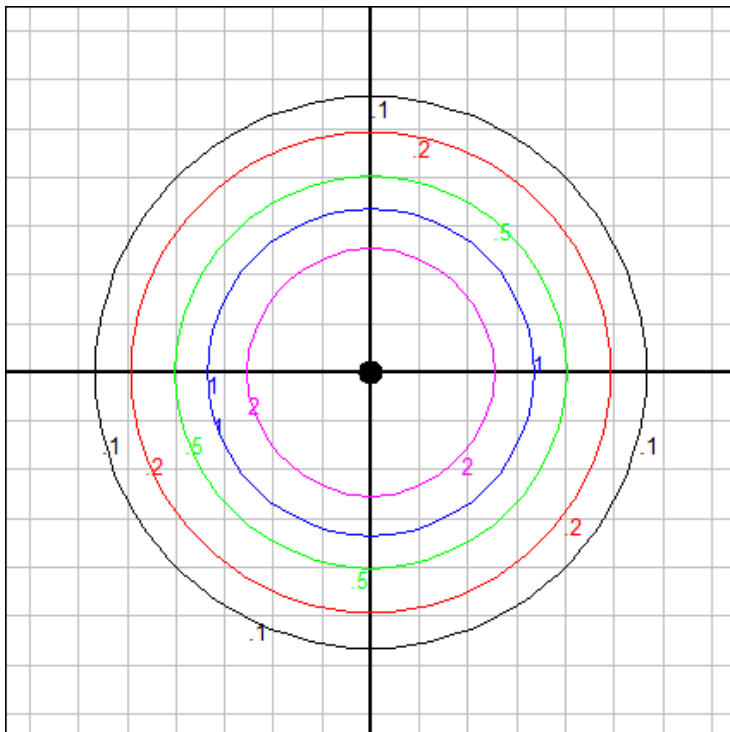


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	1368.787
Maximum Candela Angle	-29 H -7 V
Horizontal Beam Angle (50%)	66.4
Vertical Beam Angle (50%)	85.0
Horizontal Field Angle (10%)	106.3
Vertical Field Angle (10%)	117.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1915
Beam Efficiency	N.A.
Field Lumens	2353
Field Efficiency	N.A.
Spill Lumens	115
Luminaire Lumens	2468
Total Efficiency	N.A.
Total Luminaire Watts	27
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	98.17
10-20	312.72
20-30	601.33
30-40	742.28
40-50	446.27
50-60	184.33
60-70	57.33
70-80	14.20
80-90	1.30
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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