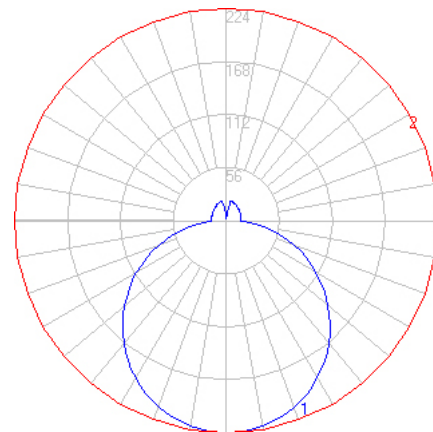
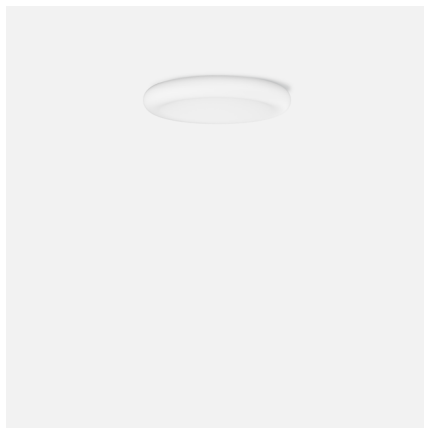


# BEGA

File: 50170K4\_BEGA\_IES.ies

TEST: BE\_50170K4  
TEST LAB: BEGA  
DATE: 04/05/2017  
LUMINAIRE: 50 170K4  
LAMP: 8.4W LED

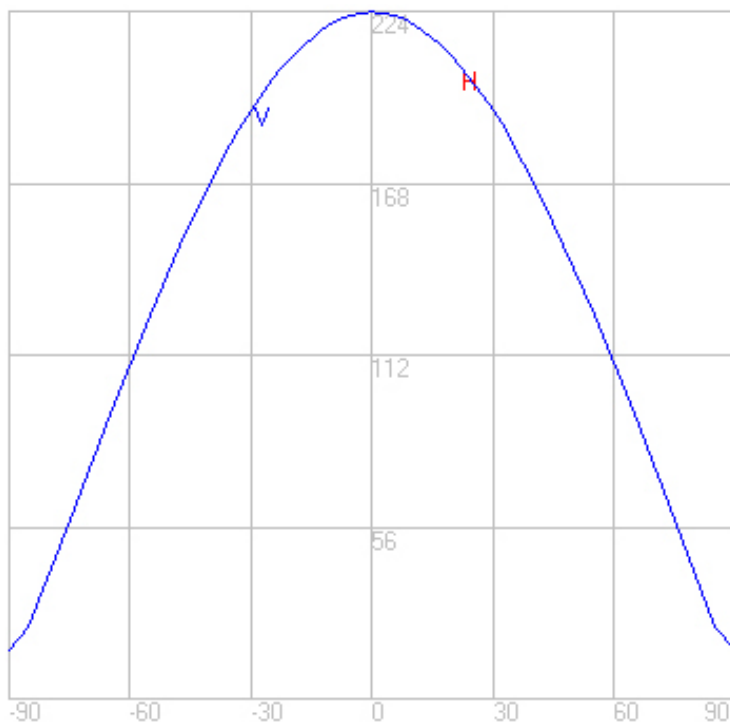
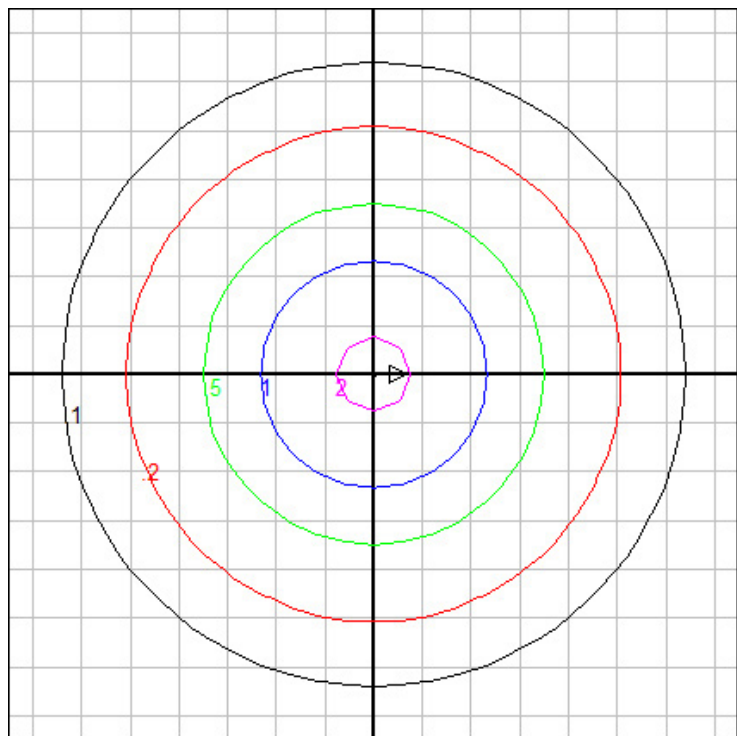


## Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	807
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	81
Total Luminaire Watts	12
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.40
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.70 ft (Diameter)
Luminous Height	0.10 ft

## Zonal Lumen Summary

Zone	Lumens
0-10	21.17
10-20	60.81
20-30	92.75
30-40	113.08
40-50	119.56
50-60	111.91
60-70	91.89
70-80	61.27
80-90	27.14
90-100	16.97
100-110	16.86
110-120	16.40
120-130	15.39
130-140	13.85
140-150	11.87
150-160	9.34
160-170	5.86
170-180	1.06



Mounting Height: 10 ft.

Grid Spacing: 3 ft.

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

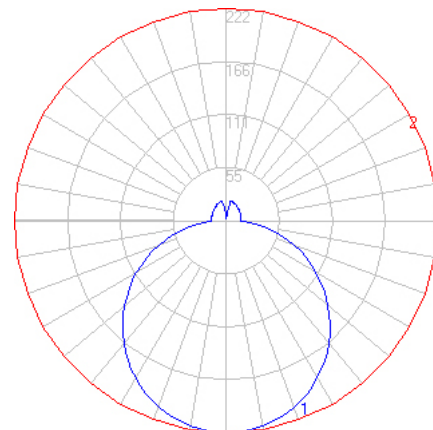
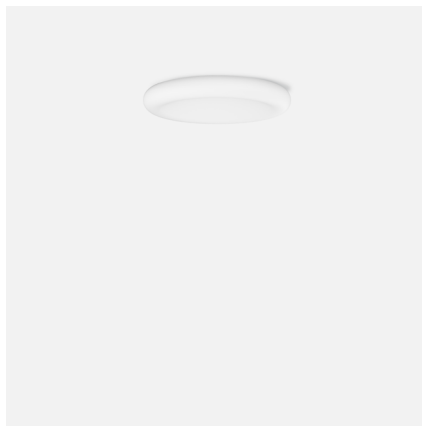
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# BEGA

File: 50170K35\_BEGA\_IES.ies

TEST: BE\_50170K4  
TEST LAB: BEGA  
DATE: 04/05/2017  
LUMINAIRE: 50 170K35  
LAMP: 8.4W LED

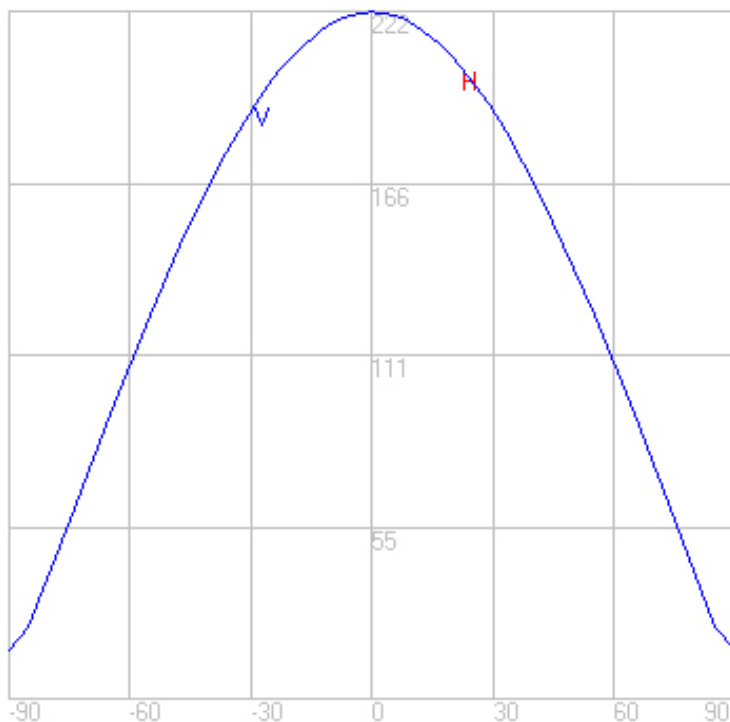
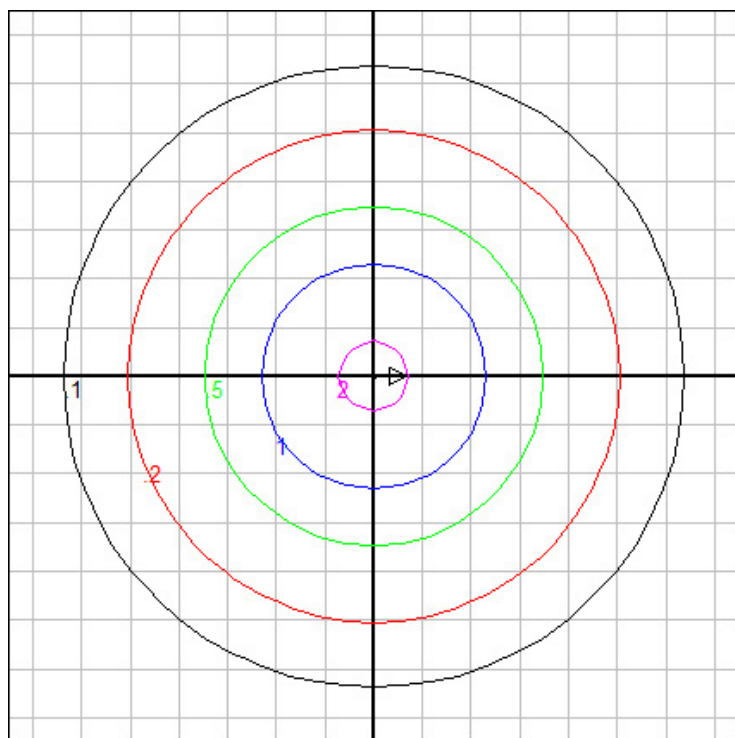


## Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	799
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	80
Total Luminaire Watts	12
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.40
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.70 ft (Diameter)
Luminous Height	0.10 ft

## Zonal Lumen Summary

Zone	Lumens
0-10	20.96
10-20	60.20
20-30	91.83
30-40	111.95
40-50	118.36
50-60	110.79
60-70	90.97
70-80	60.66
80-90	26.86
90-100	16.80
100-110	16.69
110-120	16.24
120-130	15.24
130-140	13.72
140-150	11.75
150-160	9.25
160-170	5.80
170-180	1.05



Mounting Height: 10 ft.

Grid Spacing: 3 ft.

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

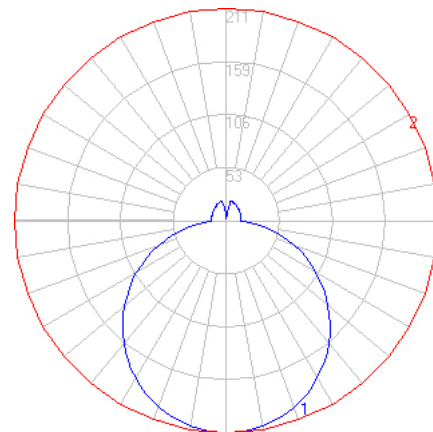
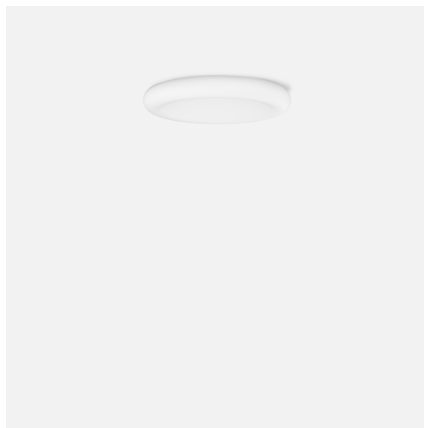
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# BEGA

File: 50170K3\_BEGA\_IES.ies

TEST: BE\_50170K4  
TEST LAB: BEGA  
DATE: 04/05/2017  
LUMINAIRE: 50 170K3  
LAMP: 8.4W LED

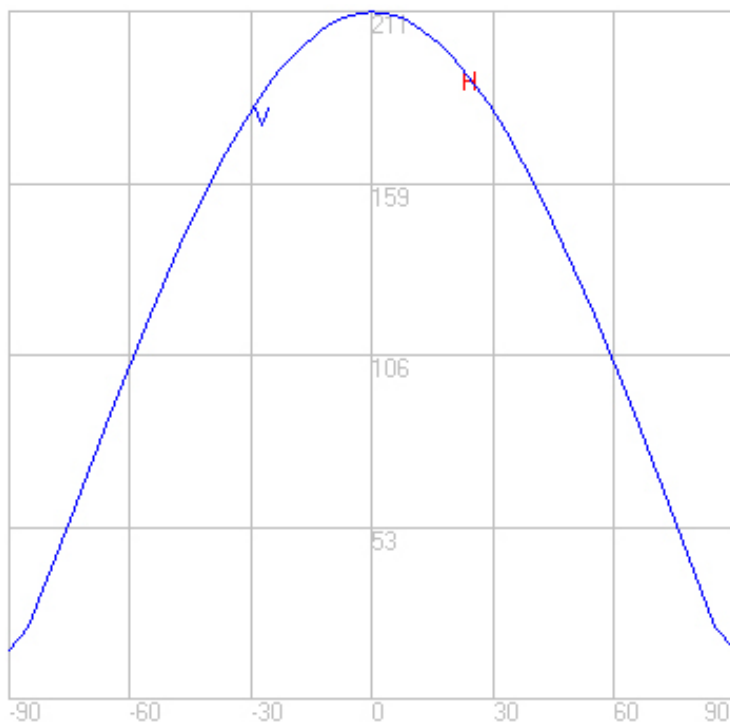
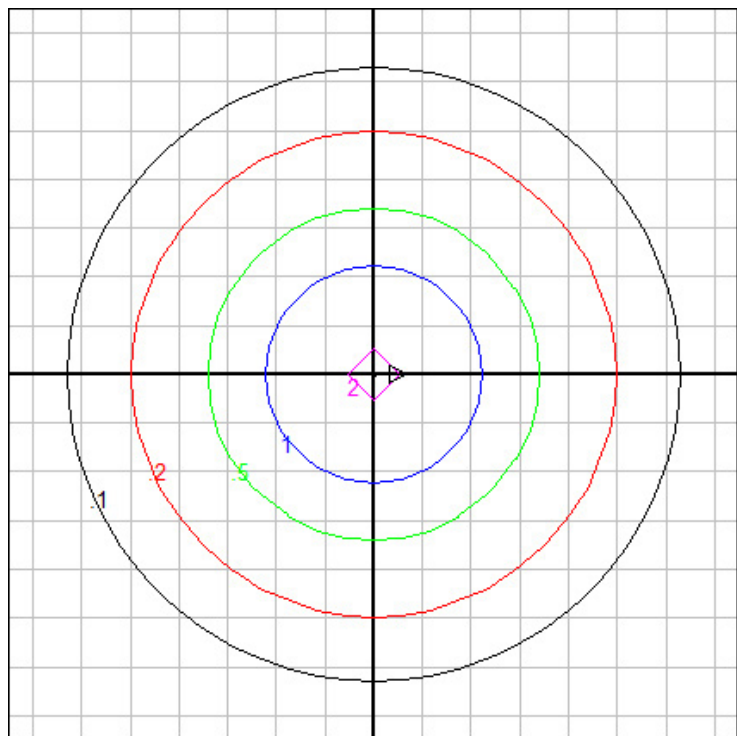


## Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	763
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	76
Total Luminaire Watts	12
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.40
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.70 ft (Diameter)
Luminous Height	0.10 ft

## Zonal Lumen Summary

Zone	Lumens
0-10	20.01
10-20	57.47
20-30	87.65
30-40	106.86
40-50	112.98
50-60	105.76
60-70	86.84
70-80	57.90
80-90	25.64
90-100	16.03
100-110	15.93
110-120	15.50
120-130	14.55
130-140	13.09
140-150	11.22
150-160	8.83
160-170	5.54
170-180	1.00



Mounting Height: 10 ft.

Grid Spacing: 3 ft.

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

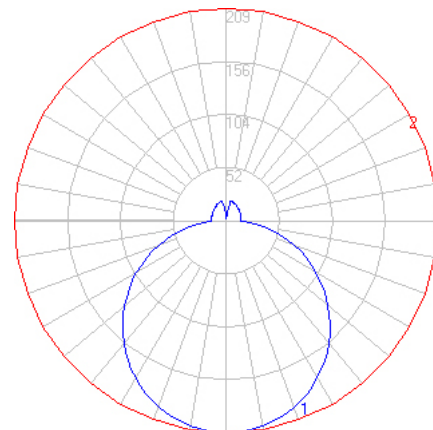
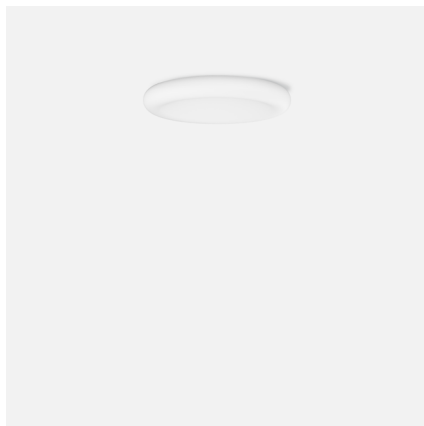
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# BEGA

File: 50170K27\_BEGA\_IES.ies

TEST: BE\_50170K4  
TEST LAB: BEGA  
DATE: 04/05/2017  
LUMINAIRE: 50 170K27  
LAMP: 8.4W LED

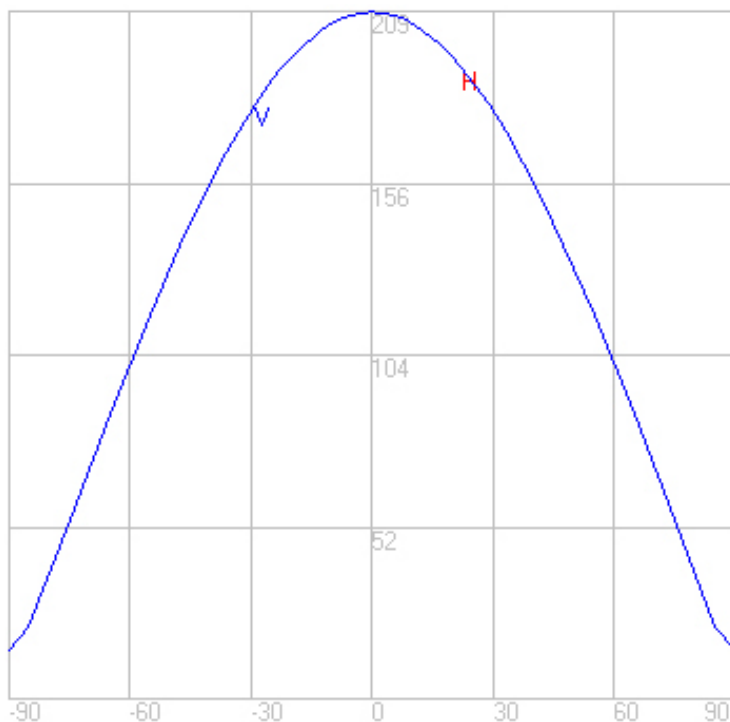
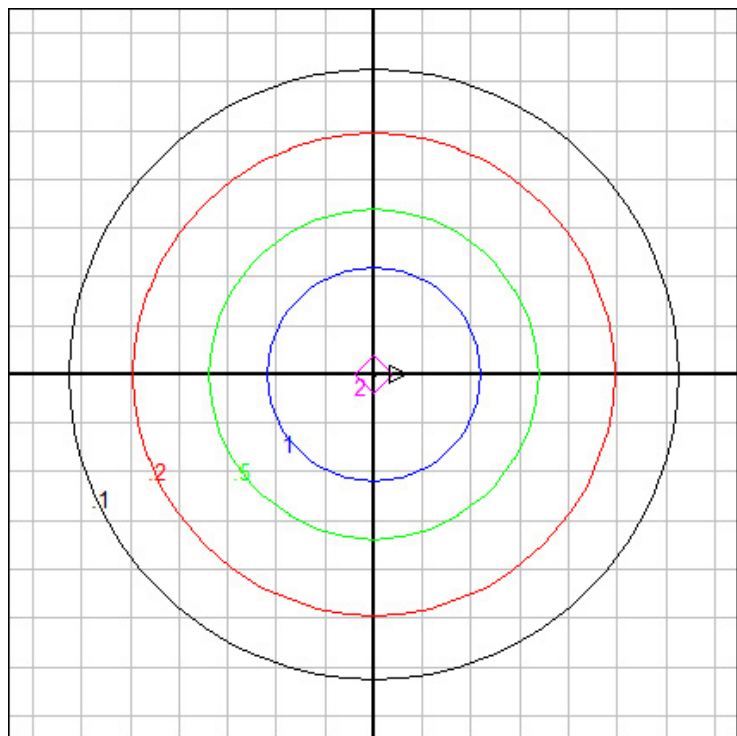


## Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	752
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	75
Total Luminaire Watts	12
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.40
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.70 ft (Diameter)
Luminous Height	0.10 ft

## Zonal Lumen Summary

Zone	Lumens
0-10	19.73
10-20	56.68
20-30	86.45
30-40	105.39
40-50	111.43
50-60	104.30
60-70	85.64
70-80	57.10
80-90	25.29
90-100	15.81
100-110	15.71
110-120	15.28
120-130	14.35
130-140	12.91
140-150	11.06
150-160	8.71
160-170	5.46
170-180	0.99



Mounting Height: 10 ft.

Grid Spacing: 3 ft.

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