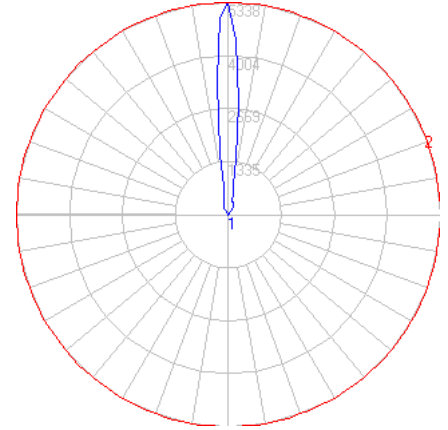
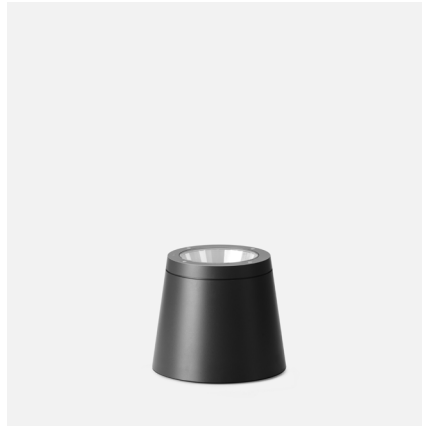


BEGA

File: 98006K4_BEGA_IES.ies

TEST: L032110901
 TEST LAB: Light Laboratory, Inc
 DATE: 3/9/2021
 LUMINAIRE: 98 006K4
 LAMP: 7.9W LED

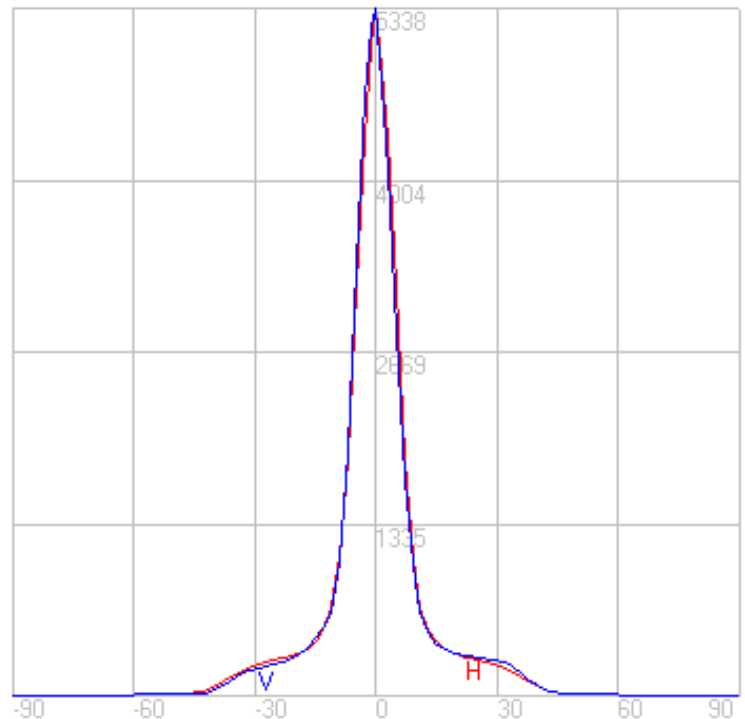
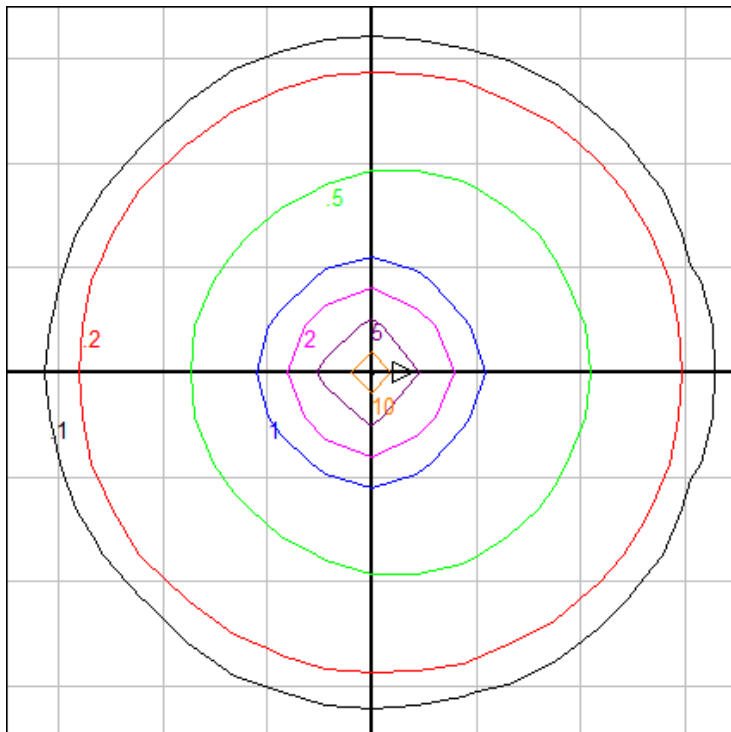


Characteristics

NEMA Type	2 H x 2 V
Maximum Candela	5338
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	11.5
Vertical Beam Angle (50%)	11.2
Horizontal Field Angle (10%)	25.4
Vertical Field Angle (10%)	25.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	107
Beam Efficiency	N.A.
Field Lumens	249
Field Efficiency	N.A.
Spill Lumens	346
Luminaire Lumens	596
Total Efficiency	N.A.
Total Luminaire Watts	11
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	186.92
10-20	139.83
20-30	124.10
30-40	96.59
40-50	25.00
50-60	9.28
60-70	4.14
70-80	2.22
80-90	1.41
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.

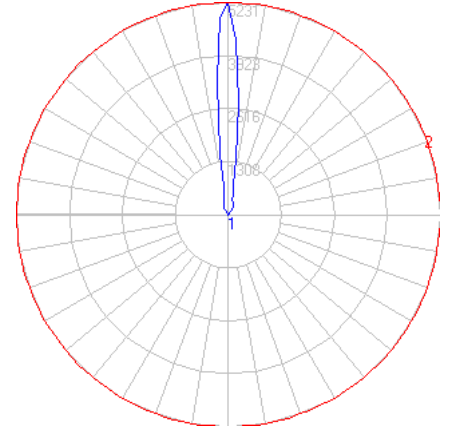
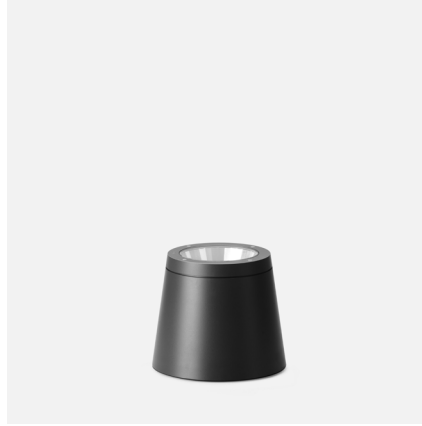
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BEGA

File: 98006K35_BEGA_IES.ies

TEST: L032110901
 TEST LAB: Light Laboratory, Inc
 DATE: 3/9/2021
 LUMINAIRE: 98 006K35
 LAMP: 7.9W LED

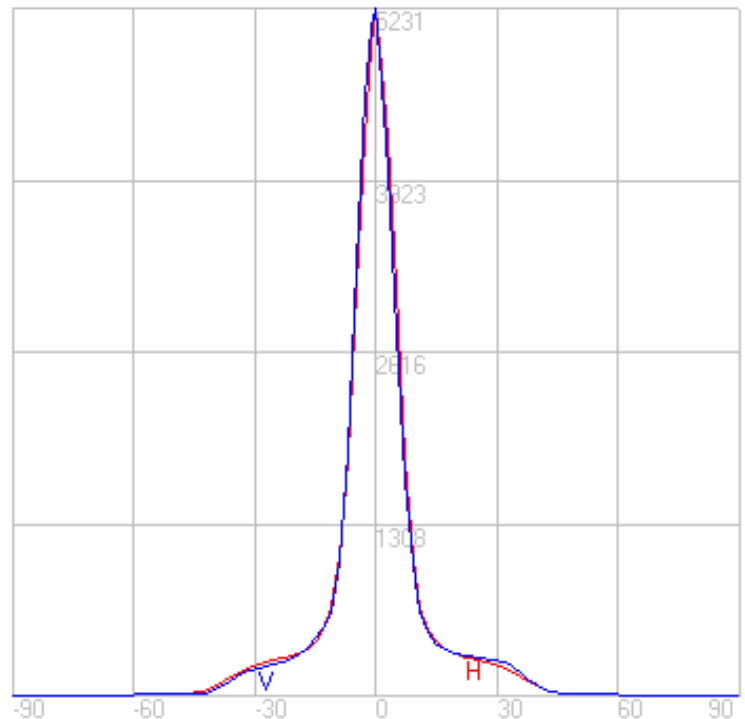
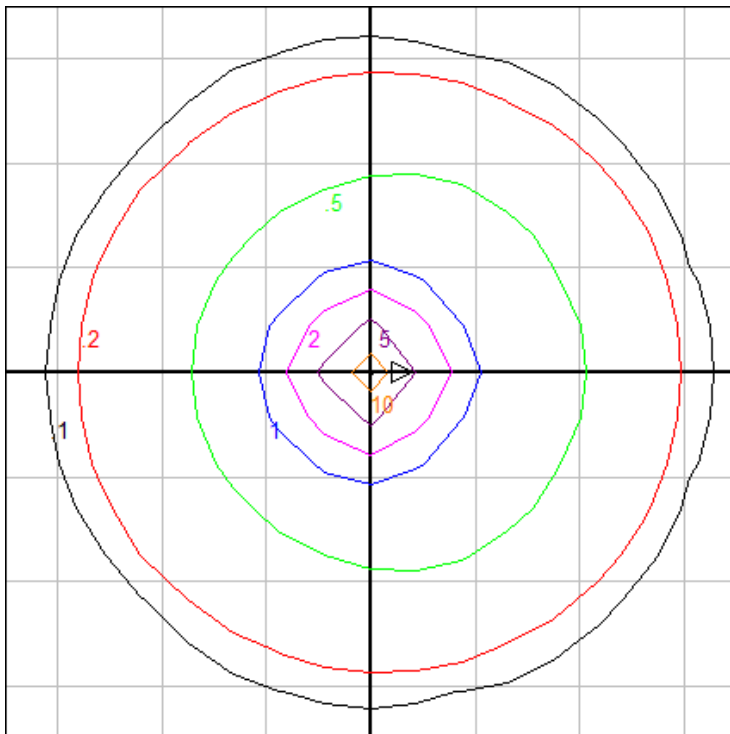


Characteristics

NEMA Type	2 H x 2 V
Maximum Candela	5231.24
Maximum Candela Angle	0 H 5 V
Horizontal Beam Angle (50%)	11.5
Vertical Beam Angle (50%)	11.1
Horizontal Field Angle (10%)	25.0
Vertical Field Angle (10%)	24.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	106
Beam Efficiency	N.A.
Field Lumens	238
Field Efficiency	N.A.
Spill Lumens	340
Luminaire Lumens	578
Total Efficiency	N.A.
Total Luminaire Watts	11
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	183.18
10-20	137.04
20-30	121.61
30-40	94.66
40-50	24.50
50-60	9.10
60-70	4.06
70-80	2.18
80-90	1.39
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.

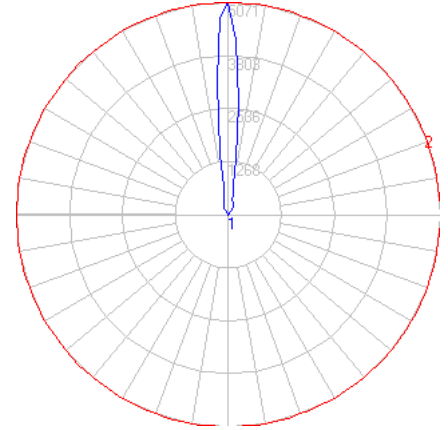
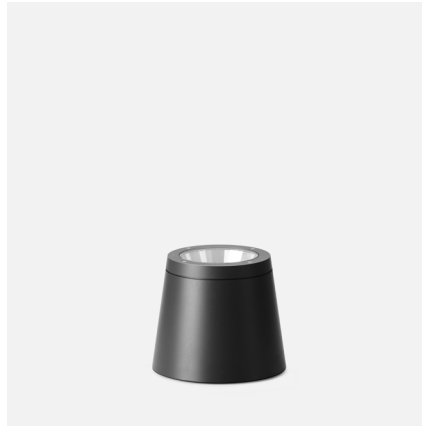
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BEGA

File: 98006K3_BEGA_IES.ies

TEST: L032110901
 TEST LAB: Light Laboratory, Inc
 DATE: 3/9/2021
 LUMINAIRE: 98 006K3
 LAMP: 7.9W LED

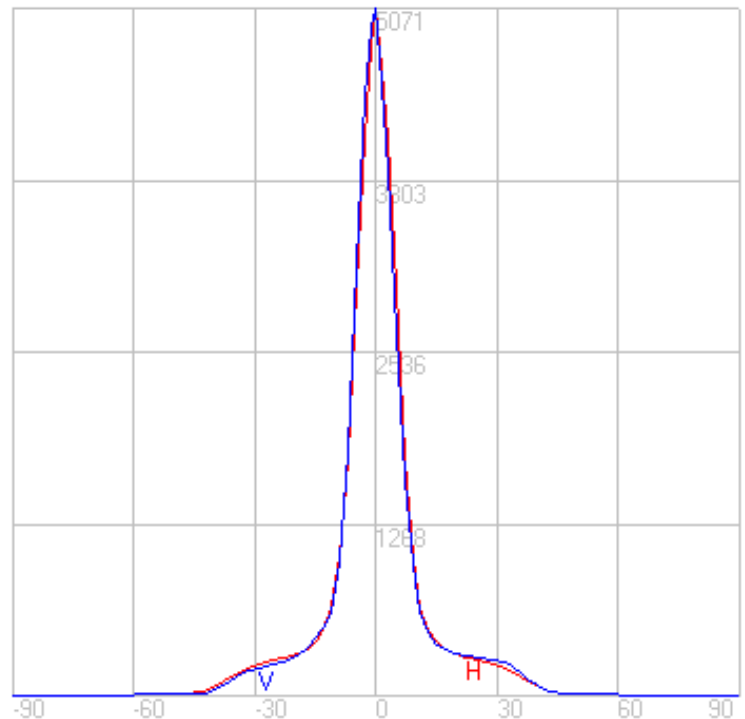
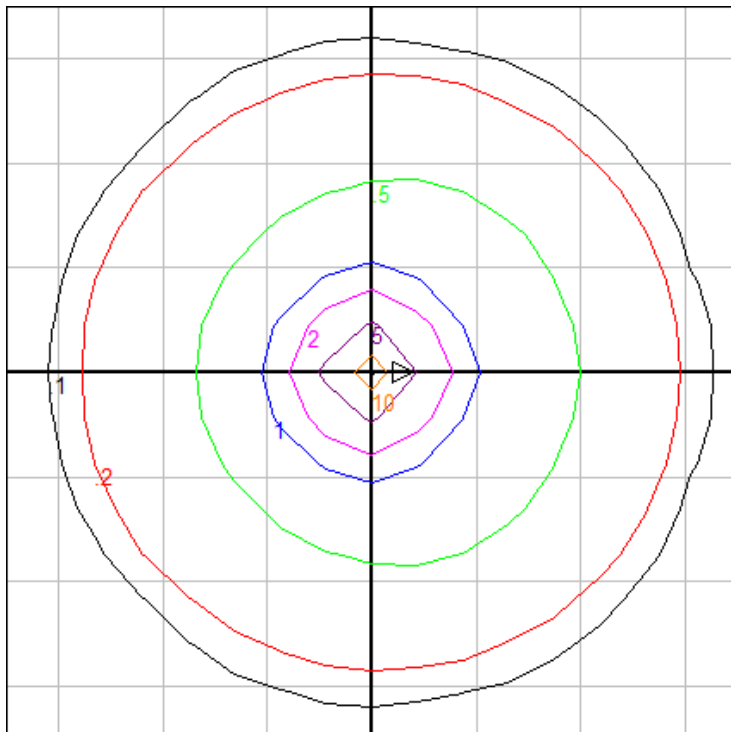


Characteristics

NEMA Type	2 H x 2 V
Maximum Candela	5071.1
Maximum Candela Angle	0 H 5 V
Horizontal Beam Angle (50%)	11.5
Vertical Beam Angle (50%)	11.1
Horizontal Field Angle (10%)	25.0
Vertical Field Angle (10%)	24.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	102
Beam Efficiency	N.A.
Field Lumens	231
Field Efficiency	N.A.
Spill Lumens	330
Luminaire Lumens	561
Total Efficiency	N.A.
Total Luminaire Watts	11
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	177.58
10-20	132.84
20-30	117.89
30-40	91.76
40-50	23.75
50-60	8.82
60-70	3.93
70-80	2.11
80-90	1.34
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.

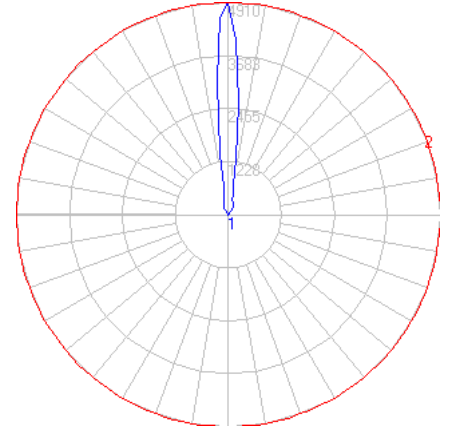
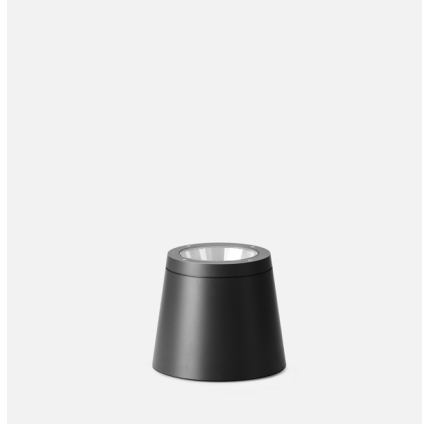
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BEGA

File: 98006K27_BEGA_IES.ies

TEST: L032110901
 TEST LAB: Light Laboratory, Inc
 DATE: 3/9/2021
 LUMINAIRE: 98 006K27
 LAMP: 7.9W LED

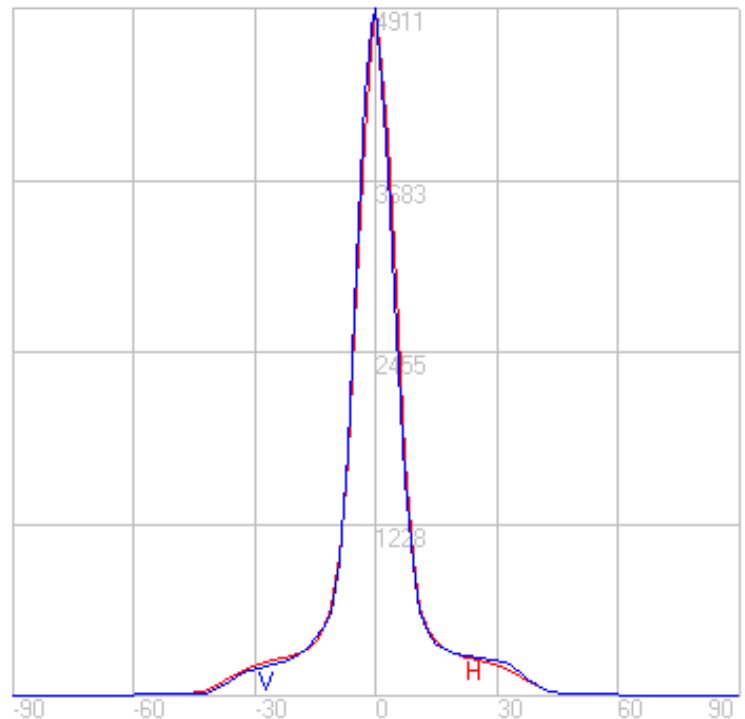
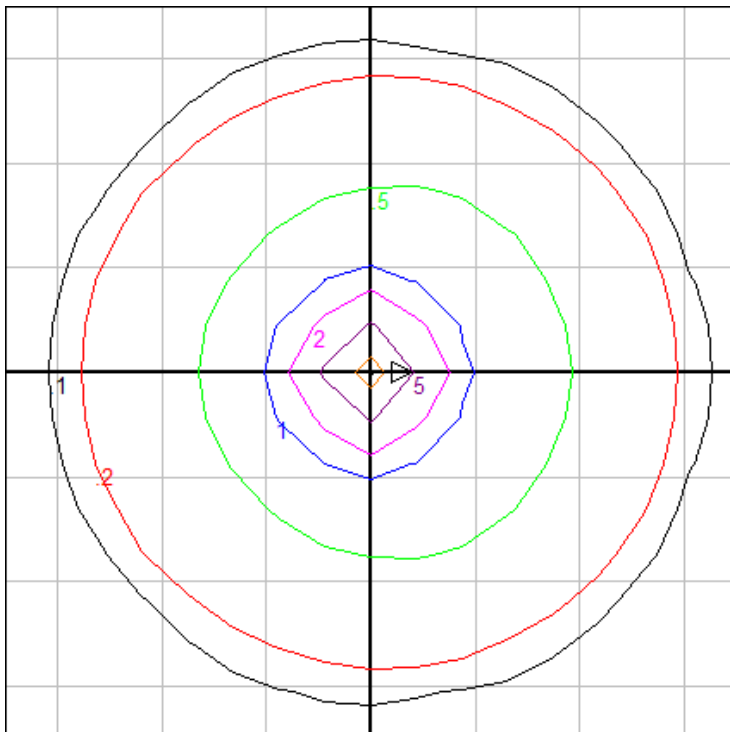


Characteristics

NEMA Type	2 H x 2 V
Maximum Candela	4910.96
Maximum Candela Angle	0 H 5 V
Horizontal Beam Angle (50%)	11.5
Vertical Beam Angle (50%)	11.1
Horizontal Field Angle (10%)	25.0
Vertical Field Angle (10%)	24.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	99
Beam Efficiency	N.A.
Field Lumens	224
Field Efficiency	N.A.
Spill Lumens	319
Luminaire Lumens	543
Total Efficiency	N.A.
Total Luminaire Watts	11
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	171.97
10-20	128.65
20-30	114.17
30-40	88.86
40-50	23.00
50-60	8.54
60-70	3.81
70-80	2.04
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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