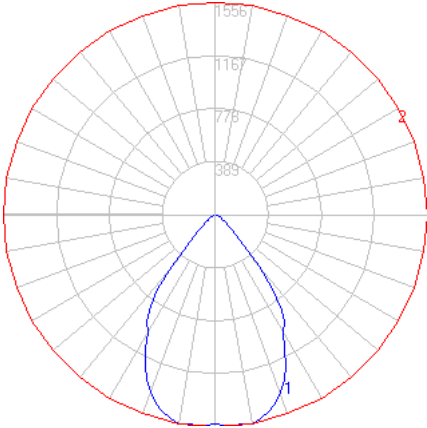
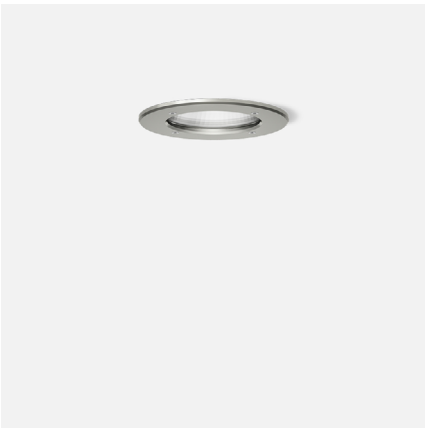


BEGA

File: 24293K4_BEGA_IES.ies

TEST: BE_24293K4
TEST LAB: BEGA
DATE: 6/24/2019
LUMINAIRE: 24 293K4
LAMP: 16.8W LED

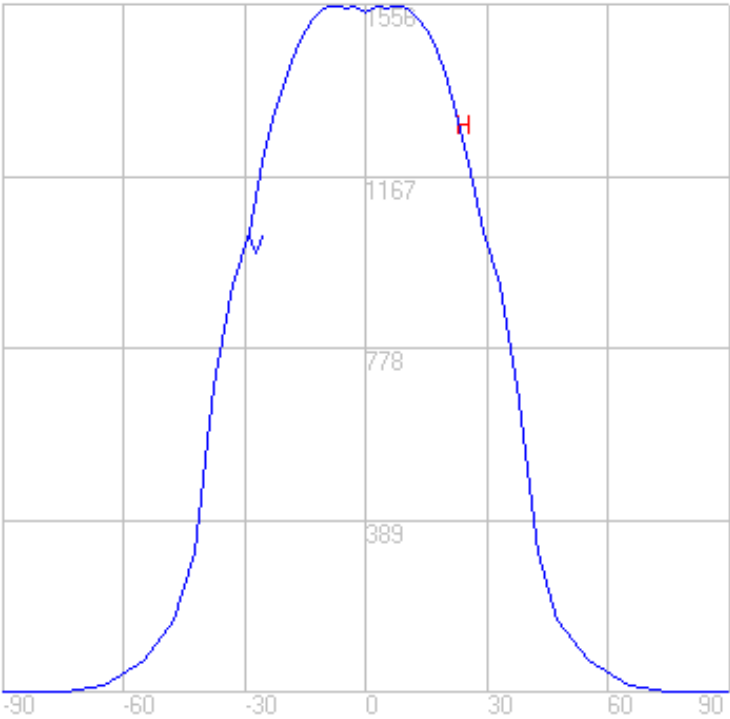
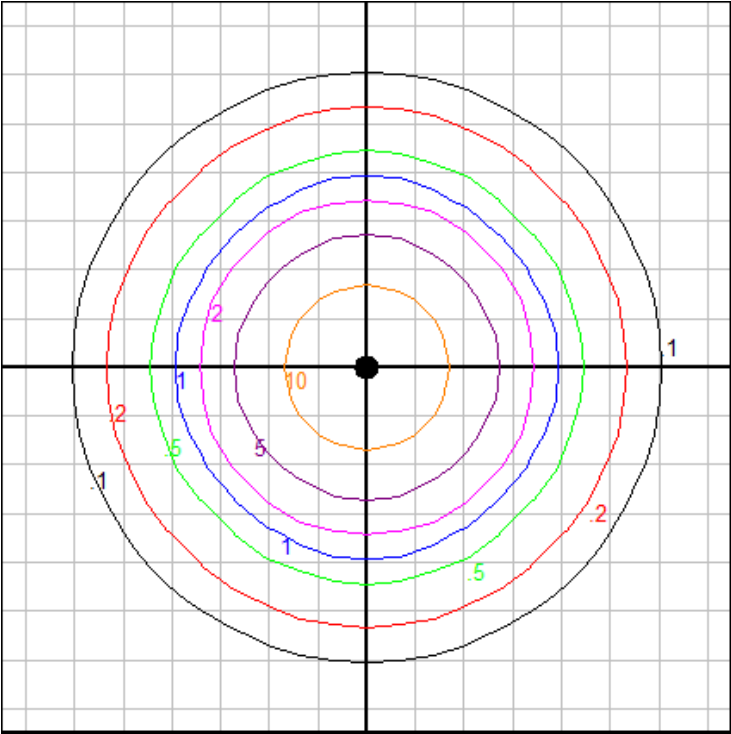


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1556.114
Maximum Candela Angle	-7 H -7 V
Horizontal Beam Angle (50%)	70.4
Vertical Beam Angle (50%)	70.4
Horizontal Field Angle (10%)	95.3
Vertical Field Angle (10%)	95.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1452
Beam Efficiency	N.A.
Field Lumens	1796
Field Efficiency	N.A.
Spill Lumens	111
Luminaire Lumens	1907
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	148.22
10-20	420.24
20-30	554.42
30-40	501.41
40-50	191.96
50-60	65.43
60-70	16.70
70-80	2.06
80-90	0.45
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: 10 ft.

Grid Spacing: 2.5 ft.

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

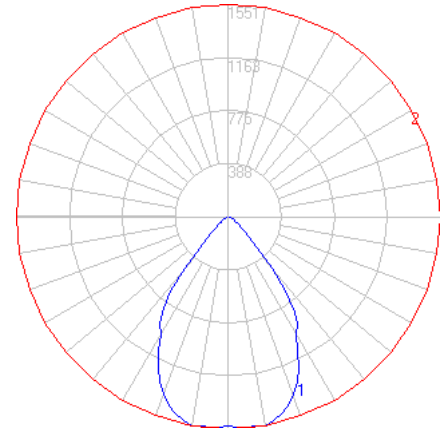
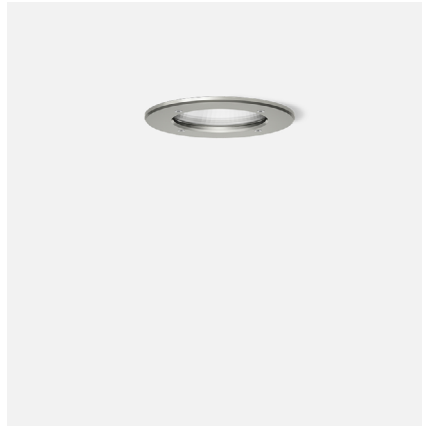
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File: 24293K35_BEGA_IES.ies

TEST: BE_24293K4
TEST LAB: BEGA
DATE: 6/24/2019
LUMINAIRE: 24 293K35
LAMP: 16.8W LED

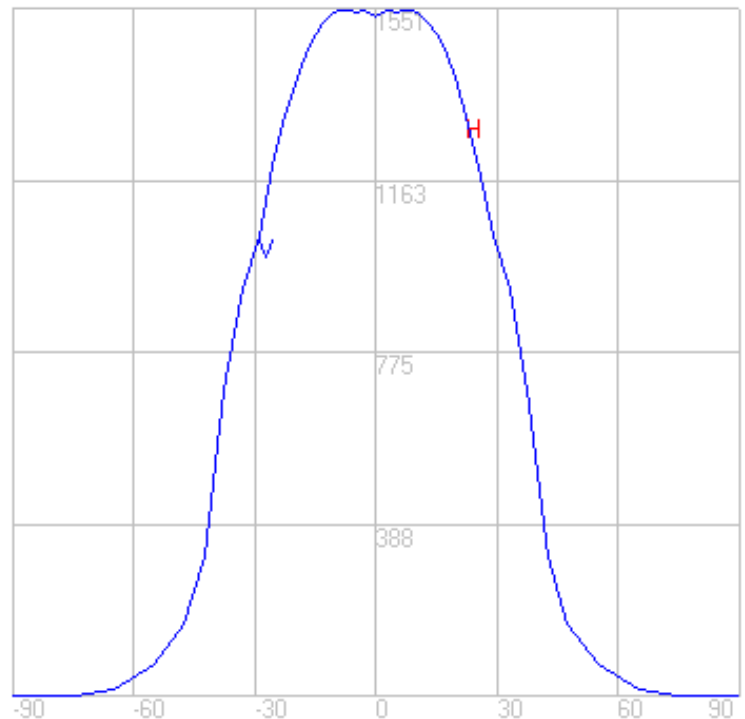
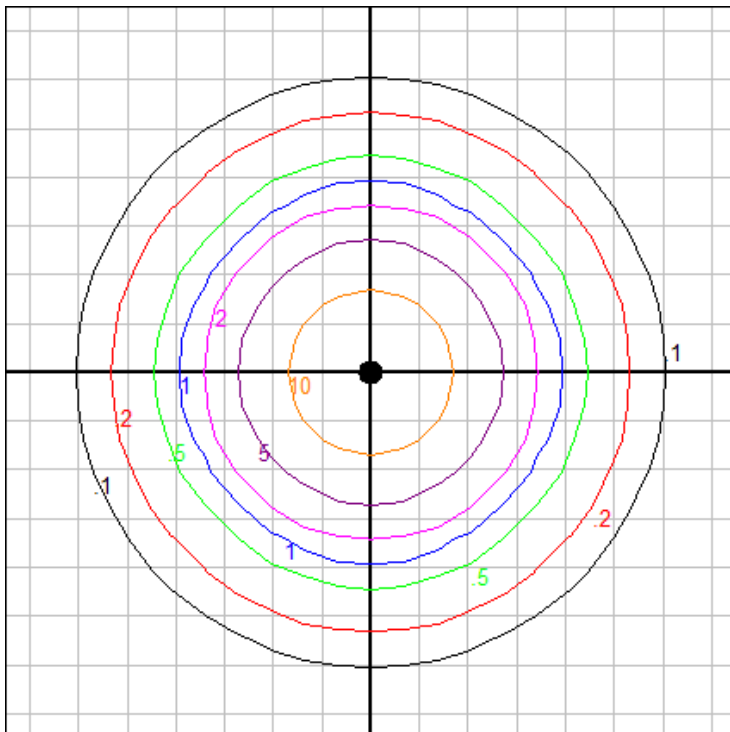


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1550.615
Maximum Candela Angle	-7 H -7 V
Horizontal Beam Angle (50%)	70.4
Vertical Beam Angle (50%)	70.4
Horizontal Field Angle (10%)	95.3
Vertical Field Angle (10%)	95.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1446
Beam Efficiency	N.A.
Field Lumens	1789
Field Efficiency	N.A.
Spill Lumens	111
Luminaire Lumens	1900
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	147.69
10-20	418.76
20-30	552.46
30-40	499.64
40-50	191.28
50-60	65.20
60-70	16.64
70-80	2.05
80-90	0.45
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: 10 ft.

Grid Spacing: 2.5 ft.

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

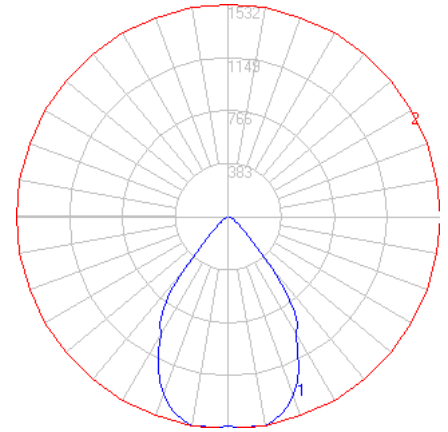
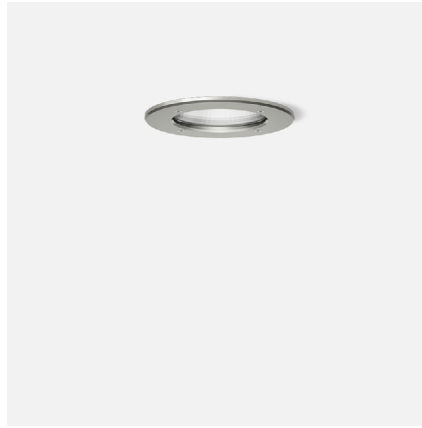
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File: 24293K3_BEGA_IES.ies

TEST: BE_24293K4
TEST LAB: BEGA
DATE: 6/24/2019
LUMINAIRE: 24 293K3
LAMP: 16.8W LED

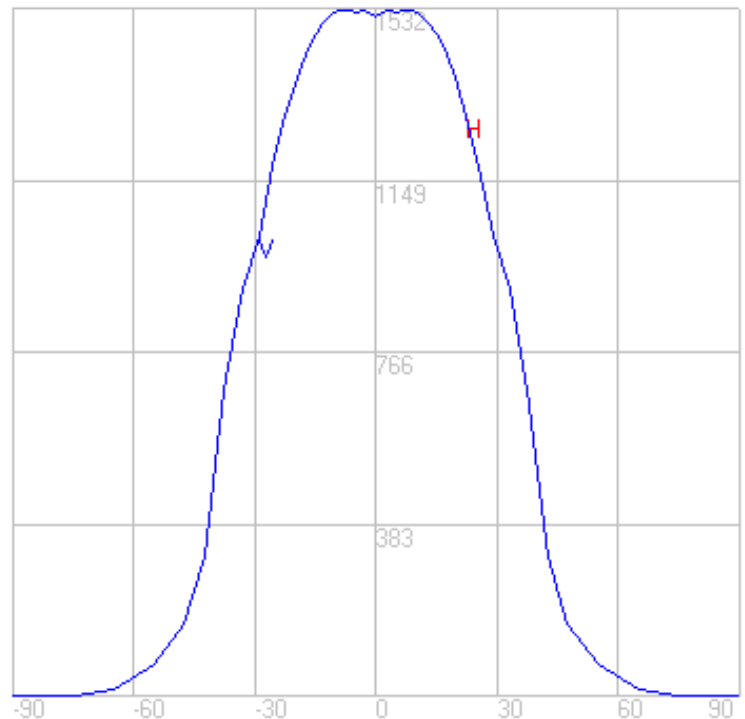
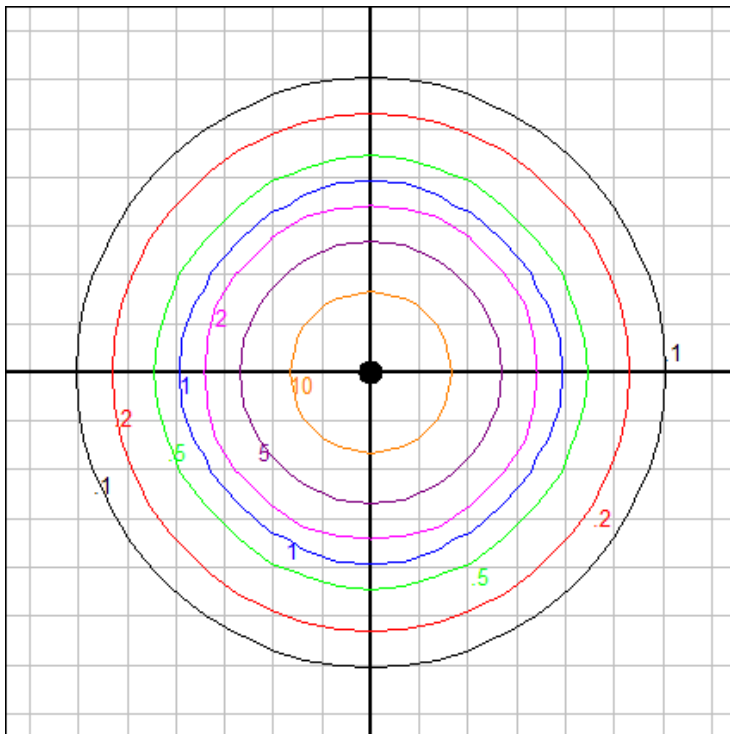


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1532.286
Maximum Candela Angle	-7 H -7 V
Horizontal Beam Angle (50%)	70.4
Vertical Beam Angle (50%)	70.4
Horizontal Field Angle (10%)	95.3
Vertical Field Angle (10%)	95.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1429
Beam Efficiency	N.A.
Field Lumens	1768
Field Efficiency	N.A.
Spill Lumens	109
Luminaire Lumens	1877
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	145.95
10-20	413.81
20-30	545.93
30-40	493.73
40-50	189.02
50-60	64.43
60-70	16.44
70-80	2.03
80-90	0.44
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: 10 ft.

Grid Spacing: 2.5 ft.

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

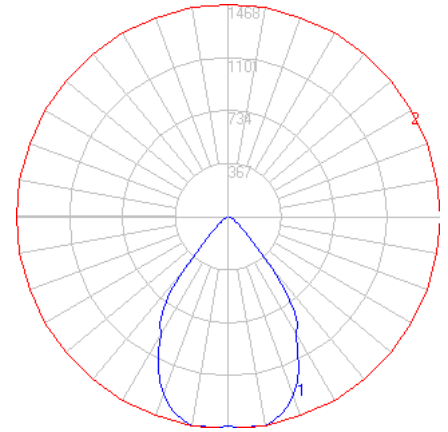
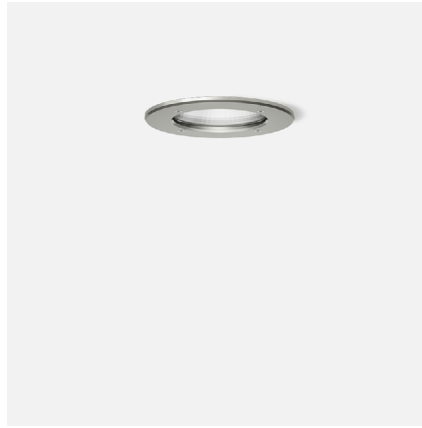
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File: 24293K27_BEGA_IES.ies

TEST: BE_24293K4
TEST LAB: BEGA
DATE: 6/24/2019
LUMINAIRE: 24 293K27
LAMP: 16.8W LED

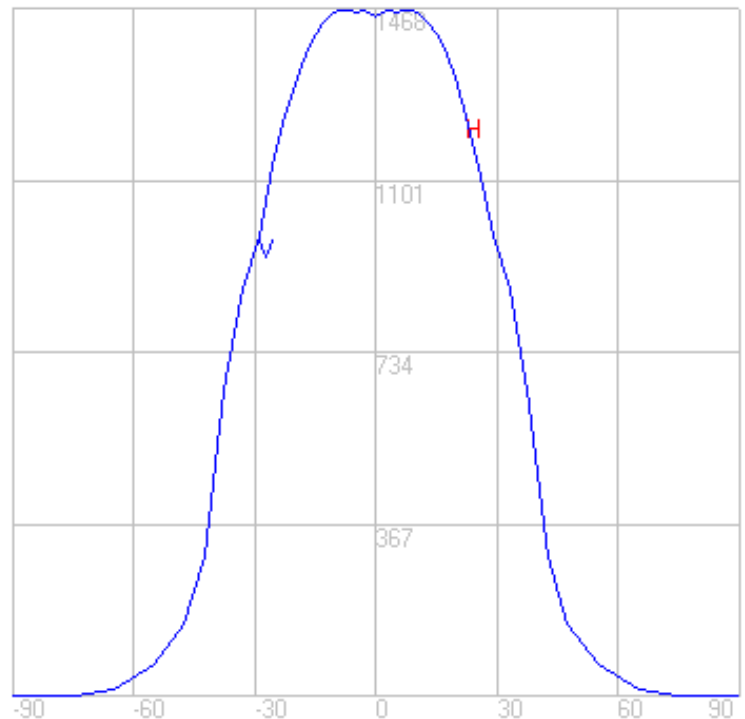
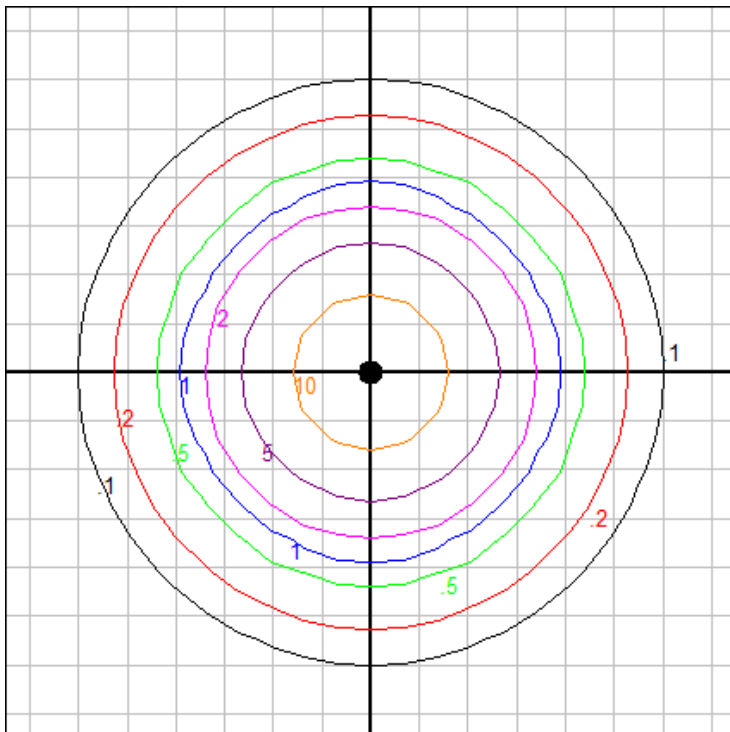


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1468.135
Maximum Candela Angle	-7 H -7 V
Horizontal Beam Angle (50%)	70.4
Vertical Beam Angle (50%)	70.4
Horizontal Field Angle (10%)	95.3
Vertical Field Angle (10%)	95.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1369
Beam Efficiency	N.A.
Field Lumens	1694
Field Efficiency	N.A.
Spill Lumens	105
Luminaire Lumens	1799
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	139.84
10-20	396.48
20-30	523.07
30-40	473.06
40-50	181.10
50-60	61.73
60-70	15.76
70-80	1.94
80-90	0.42
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: 10 ft.

Grid Spacing: 2.5 ft.

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