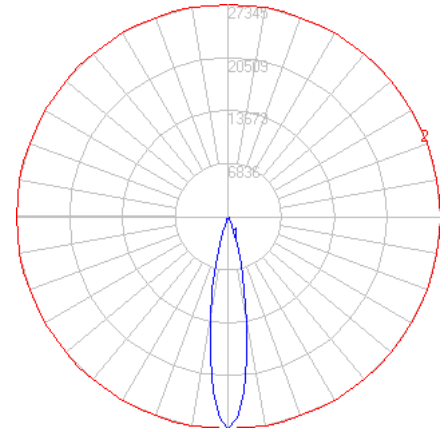
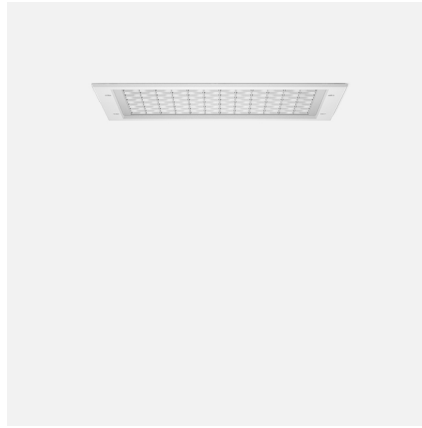


BEGA

File: 24145K4_BEGA_IES.ies

TEST: BE_24145K4
TEST LAB: BEGA
DATE: 9/24/2019
LUMINAIRE: 24 145K4
LAMP: 56W LED

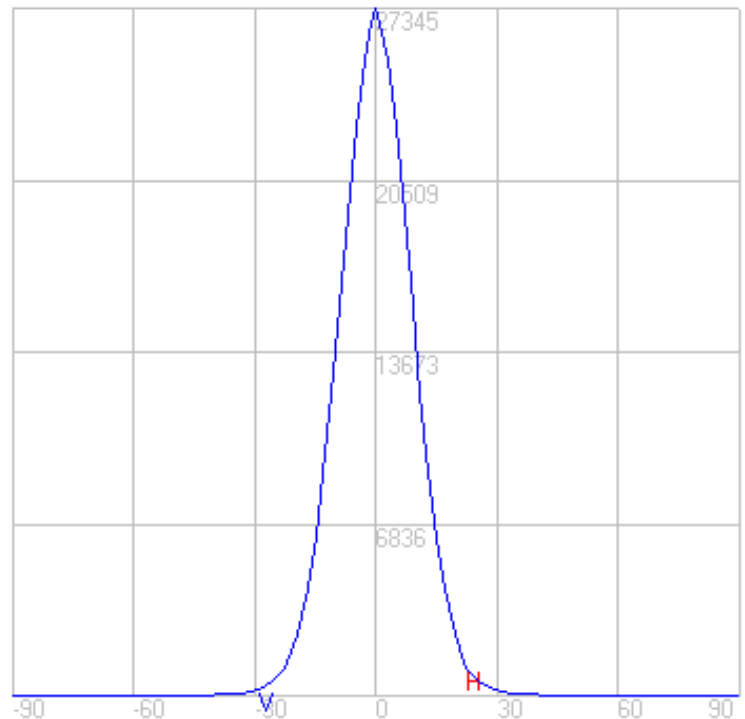
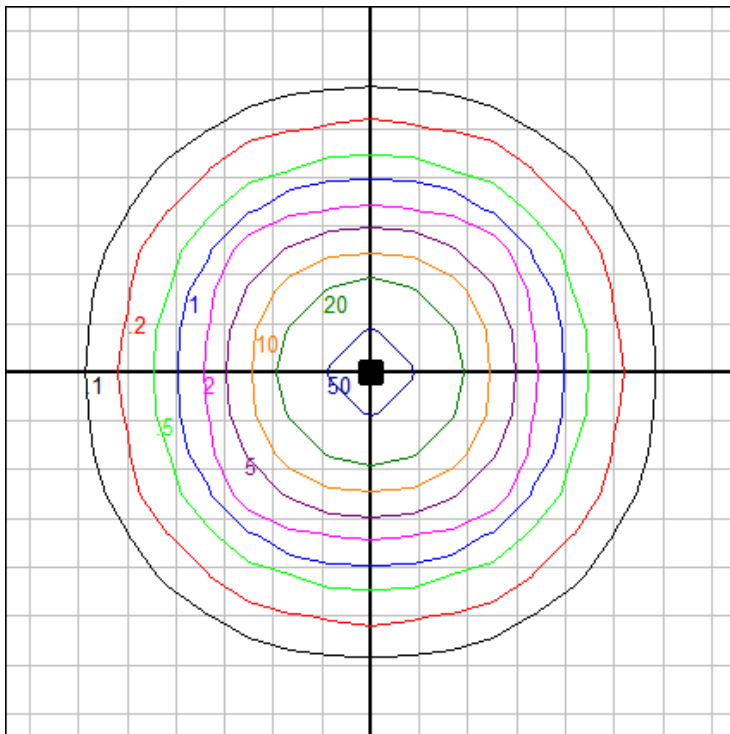


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	27345.1
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	20.1
Vertical Beam Angle (50%)	20.1
Horizontal Field Angle (10%)	38.2
Vertical Field Angle (10%)	38.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1892
Beam Efficiency	N.A.
Field Lumens	3755
Field Efficiency	N.A.
Spill Lumens	565
Luminaire Lumens	4321
Total Efficiency	N.A.
Total Luminaire Watts	64
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	1881.1
10-20	1899.09
20-30	438.35
30-40	69.95
40-50	23.00
50-60	10.52
60-70	4.84
70-80	3.98
80-90	3.33
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: 2.5 ft.

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

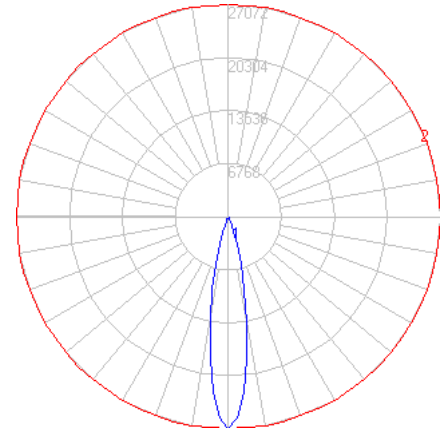
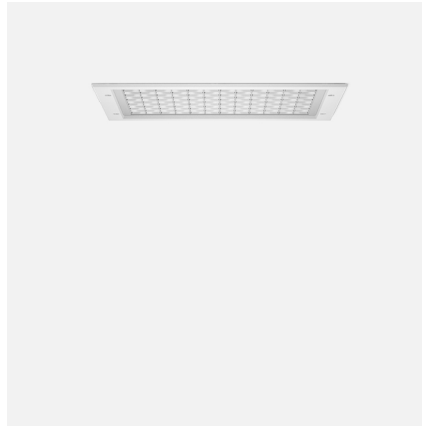
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File: 24145K35_BEGA_IES.ies

TEST: BE_24145K4
 TEST LAB: BEGA
 DATE: 9/24/2019
 LUMINAIRE: 24 145K35
 LAMP: 56W LED

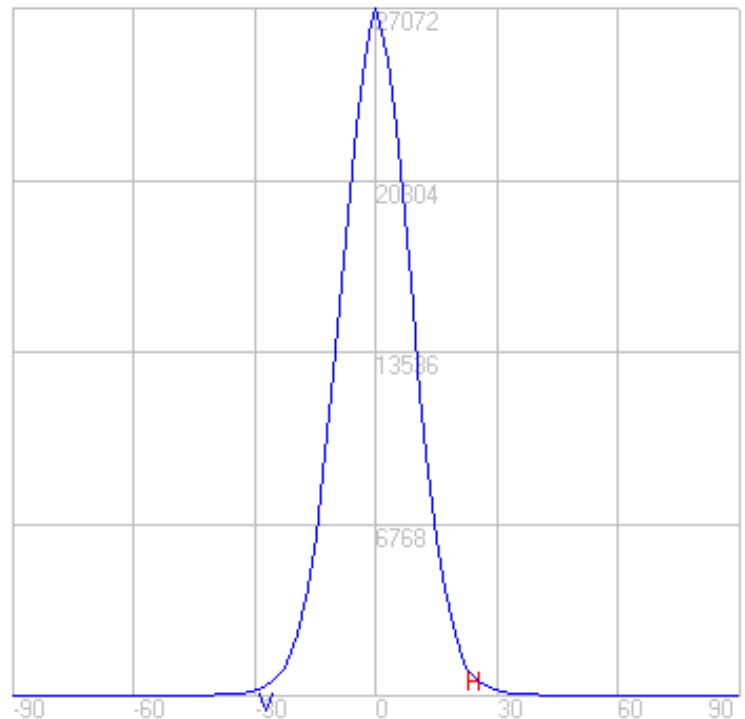
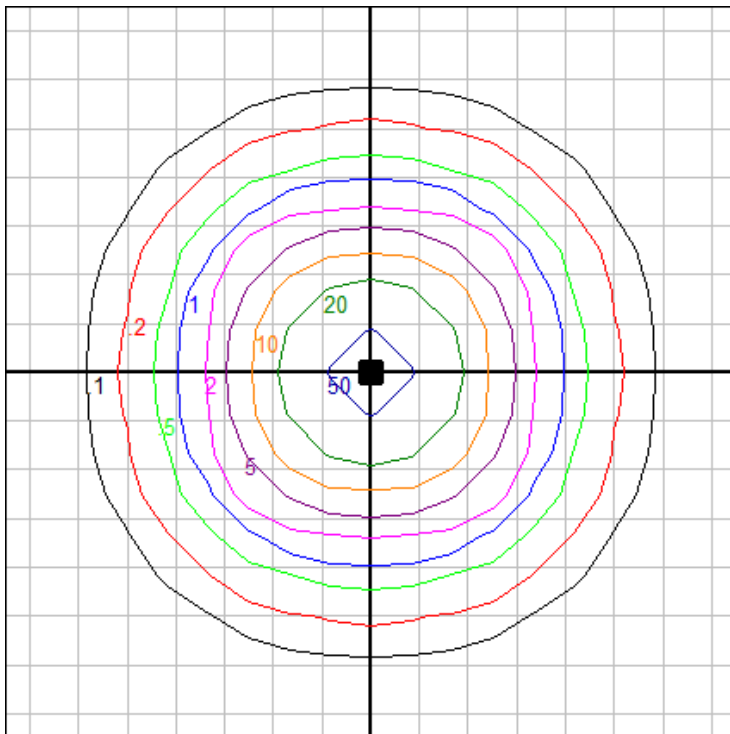


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	27071.649
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	20.1
Vertical Beam Angle (50%)	20.1
Horizontal Field Angle (10%)	38.2
Vertical Field Angle (10%)	38.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1873
Beam Efficiency	N.A.
Field Lumens	3718
Field Efficiency	N.A.
Spill Lumens	560
Luminaire Lumens	4277
Total Efficiency	N.A.
Total Luminaire Watts	64
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	1862.29
10-20	1880.1
20-30	433.96
30-40	69.25
40-50	22.77
50-60	10.42
60-70	4.79
70-80	3.94
80-90	3.30
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: 2.5 ft.

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

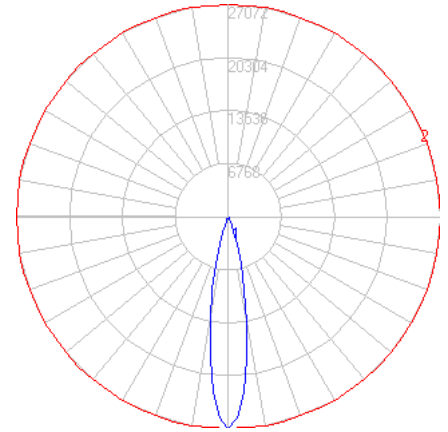
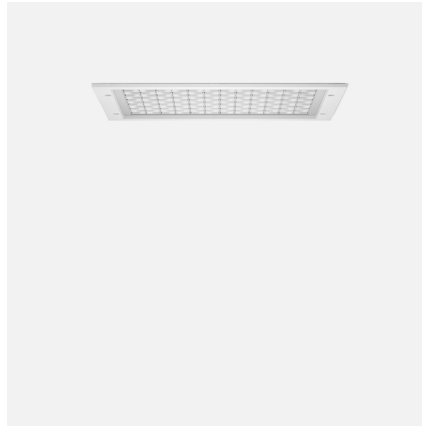
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File: 24145K3_BEGA_IES.ies

TEST: BE_24145K4
 TEST LAB: BEGA
 DATE: 9/24/2019
 LUMINAIRE: 24 145K3
 LAMP: 56W LED

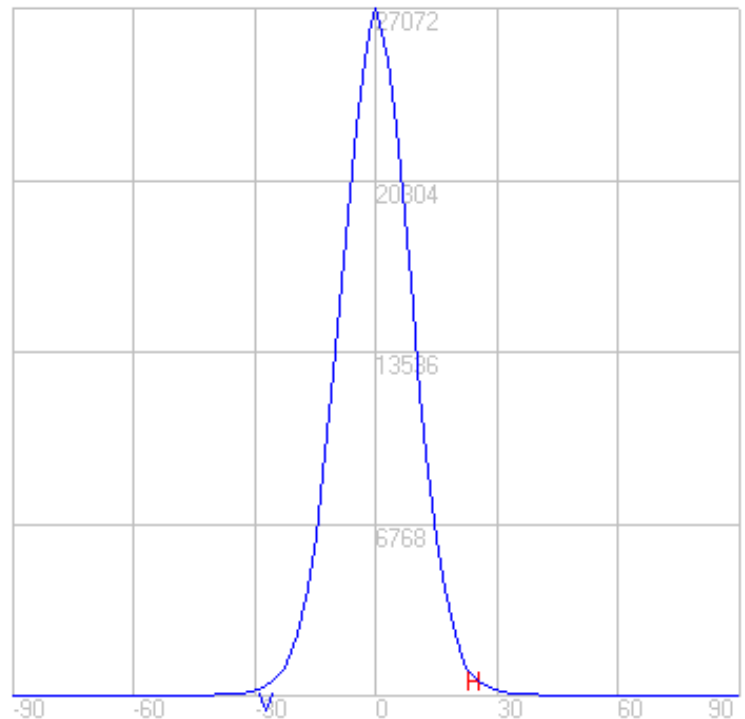
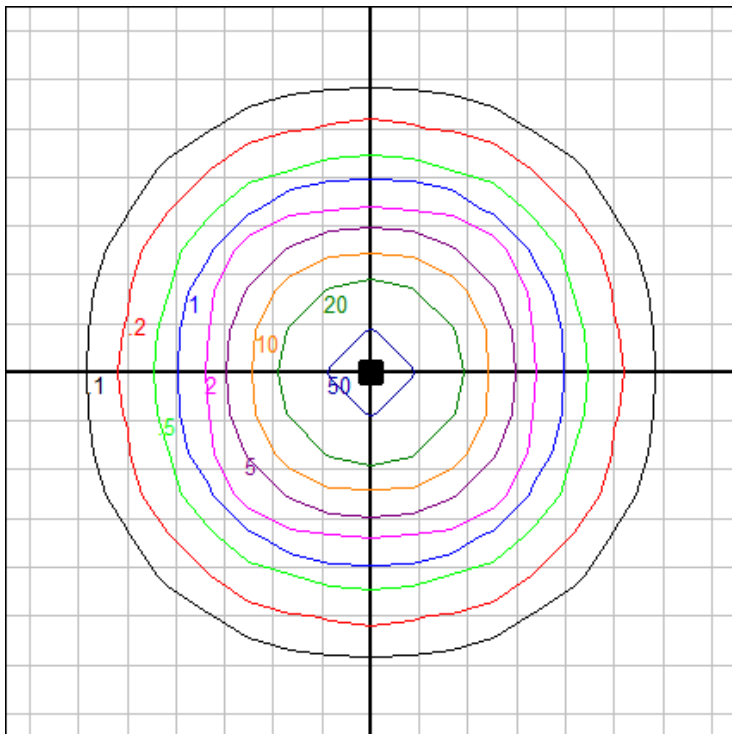


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	27071.649
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	20.1
Vertical Beam Angle (50%)	20.1
Horizontal Field Angle (10%)	38.2
Vertical Field Angle (10%)	38.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1873
Beam Efficiency	N.A.
Field Lumens	3718
Field Efficiency	N.A.
Spill Lumens	560
Luminaire Lumens	4277
Total Efficiency	N.A.
Total Luminaire Watts	64
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	1862.29
10-20	1880.1
20-30	433.96
30-40	69.25
40-50	22.77
50-60	10.42
60-70	4.79
70-80	3.94
80-90	3.30
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: 2.5 ft.

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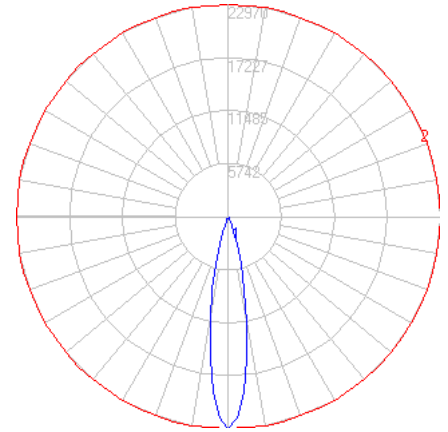
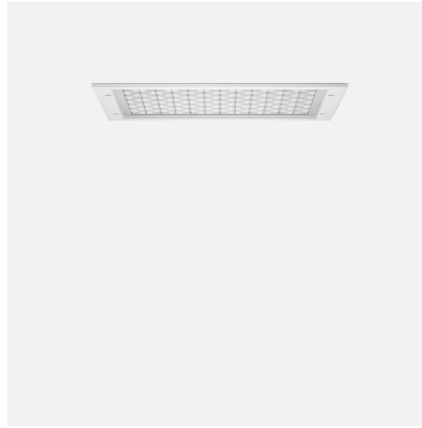
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BEGA

File: 24145K27_BEGA_IES.ies

TEST: BE_24145K4
TEST LAB: BEGA
DATE: 9/24/2019
LUMINAIRE: 24 145K27
LAMP: 56W LED

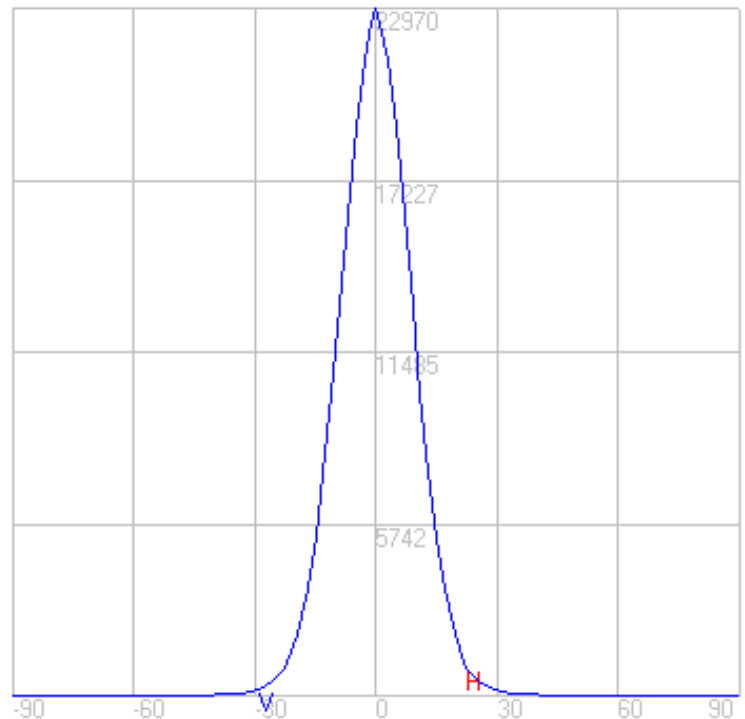
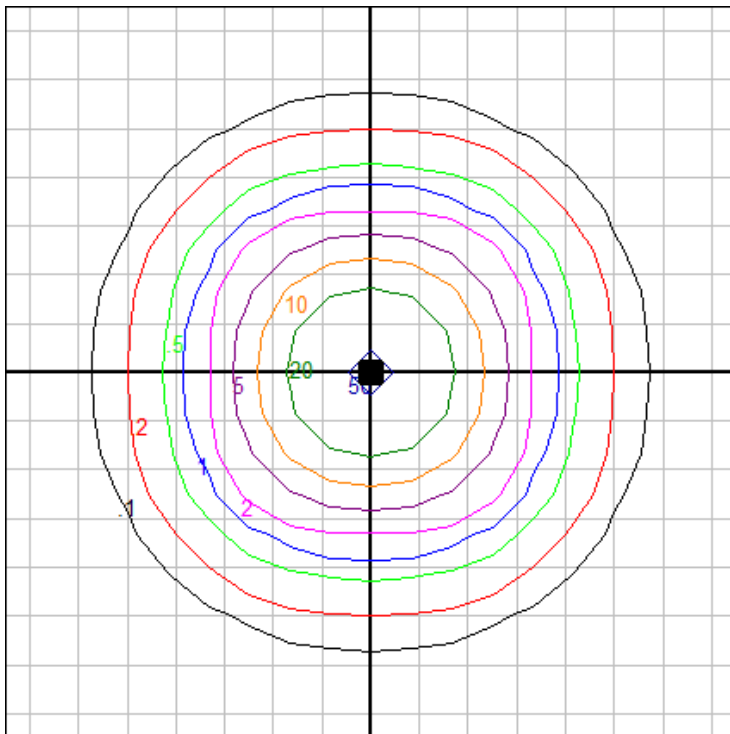


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	22969.883
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	20.1
Vertical Beam Angle (50%)	20.1
Horizontal Field Angle (10%)	38.2
Vertical Field Angle (10%)	38.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1589
Beam Efficiency	N.A.
Field Lumens	3155
Field Efficiency	N.A.
Spill Lumens	475
Luminaire Lumens	3629
Total Efficiency	N.A.
Total Luminaire Watts	64
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	1580.13
10-20	1595.24
20-30	368.21
30-40	58.76
40-50	19.32
50-60	8.84
60-70	4.06
70-80	3.34
80-90	2.80
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: 2.5 ft.

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