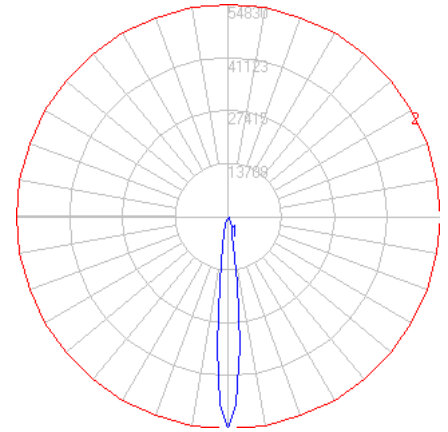


BEGA

File: 84222K4_BEGA_IES.ies

TEST: BE_84222K4
TEST LAB: BEGA
DATE: 8/12/2019
LUMINAIRE: 84 222K4
LAMP: 61.7W LED

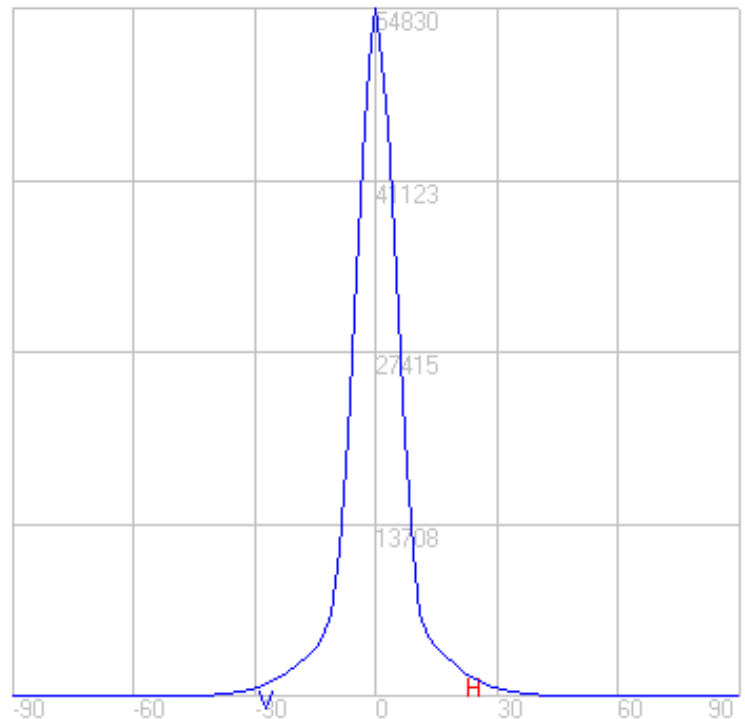
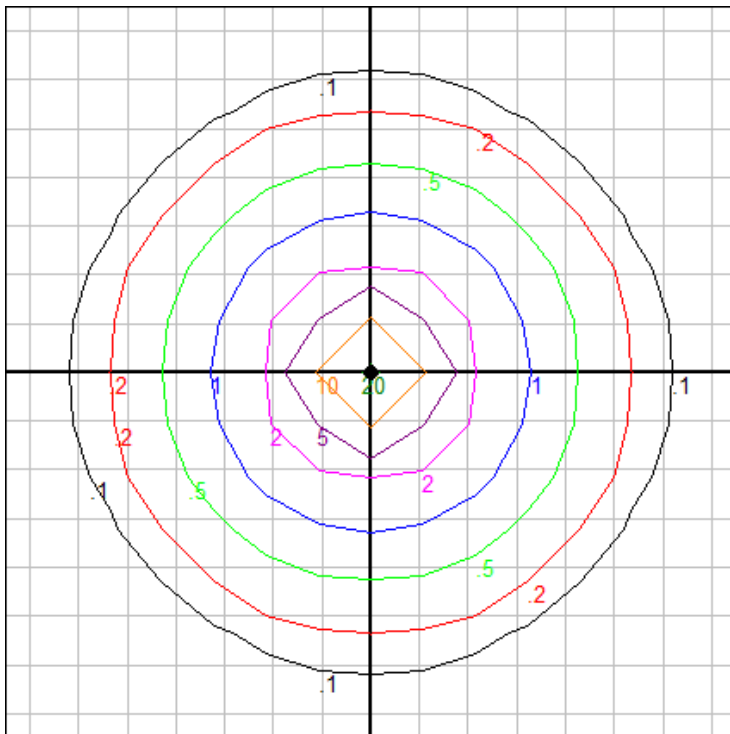


Characteristics

NEMA Type	2 H x 2 V
Maximum Candela	54830.2
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	11.9
Vertical Beam Angle (50%)	11.9
Horizontal Field Angle (10%)	24.3
Vertical Field Angle (10%)	24.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1203
Beam Efficiency	N.A.
Field Lumens	2556
Field Efficiency	N.A.
Spill Lumens	1672
Luminaire Lumens	4229
Total Efficiency	N.A.
Total Luminaire Watts	68
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	2332.53
10-20	1135.18
20-30	575.85
30-40	141.81
40-50	46.16
50-60	22.57
60-70	5.57
70-80	1.59
80-90	0.08
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: 50 ft.

Grid Spacing: 5 ft.

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

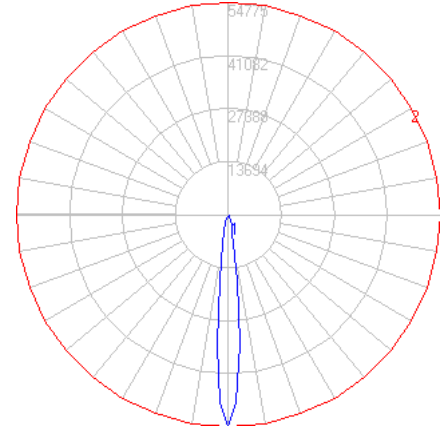
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BEGA

File: 84222K35_BEGA_IES.ies

TEST: BE_84222K4
TEST LAB: BEGA
DATE: 8/12/2019
LUMINAIRE: 84 222K35
LAMP: 61.7W LED

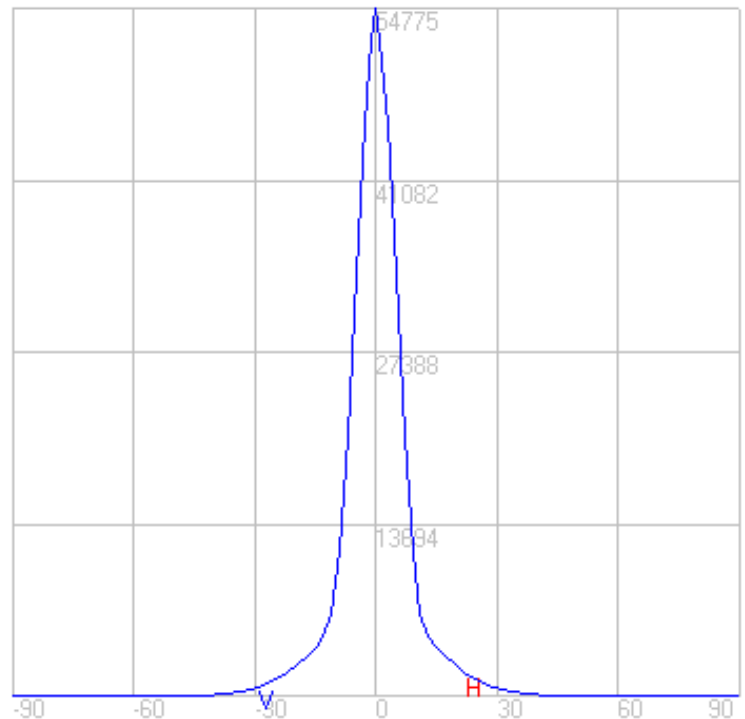
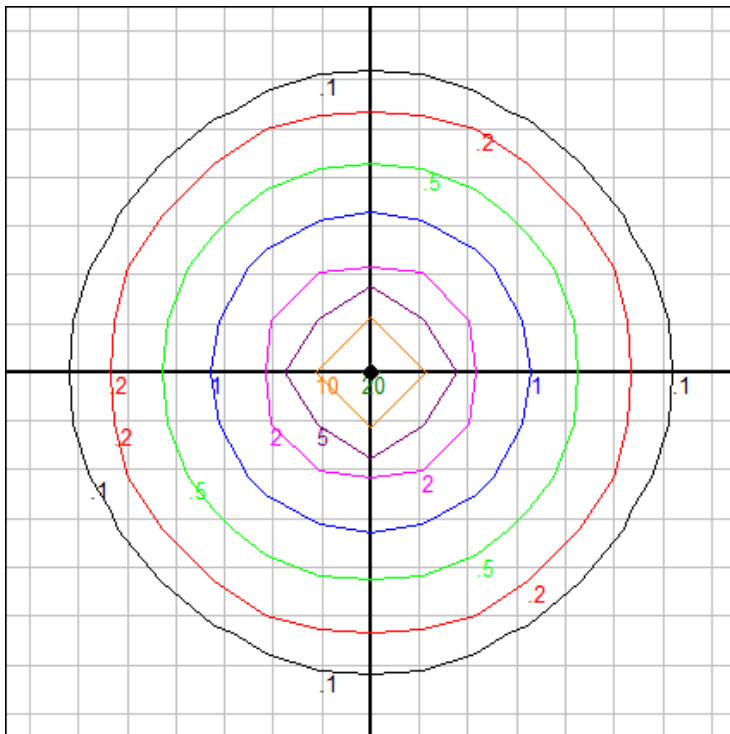


Characteristics

NEMA Type	2 H x 2 V
Maximum Candela	54775.371
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	11.9
Vertical Beam Angle (50%)	11.9
Horizontal Field Angle (10%)	24.3
Vertical Field Angle (10%)	24.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1202
Beam Efficiency	N.A.
Field Lumens	2554
Field Efficiency	N.A.
Spill Lumens	1670
Luminaire Lumens	4224
Total Efficiency	N.A.
Total Luminaire Watts	68
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	2330.2
10-20	1134.04
20-30	575.27
30-40	141.67
40-50	46.12
50-60	22.54
60-70	5.57
70-80	1.59
80-90	0.08
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: 50 ft.

Grid Spacing: 5 ft.

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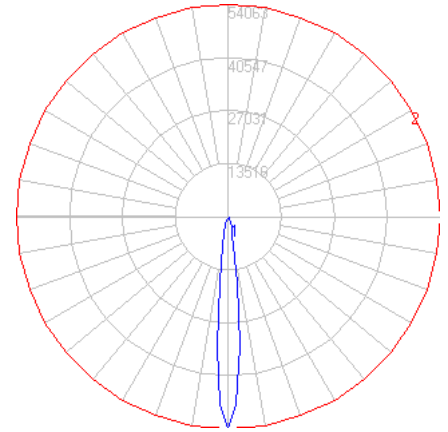
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BEGA

File: 84222K3_BEGA_IES.ies

TEST: BE_84222K4
TEST LAB: BEGA
DATE: 8/12/2019
LUMINAIRE: 84 222K3
LAMP: 61.7W LED

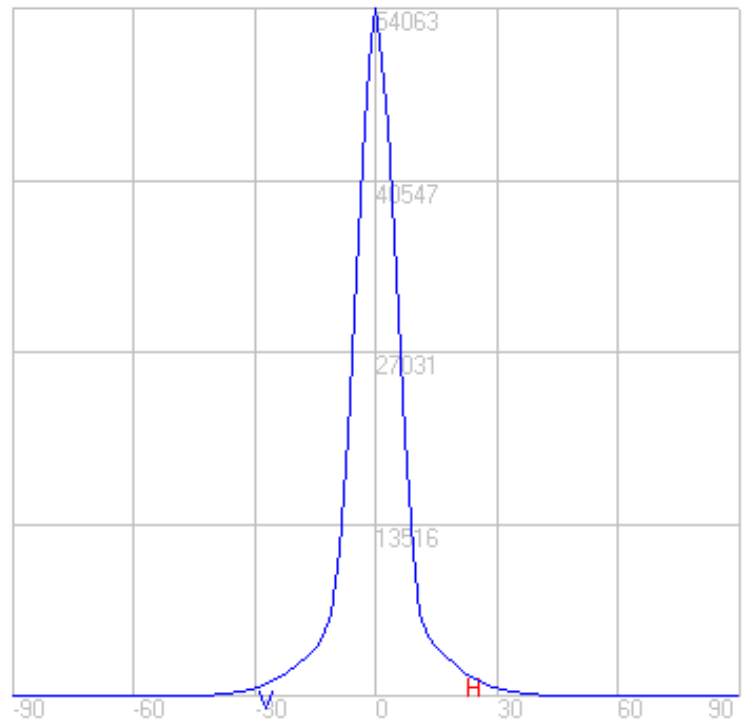
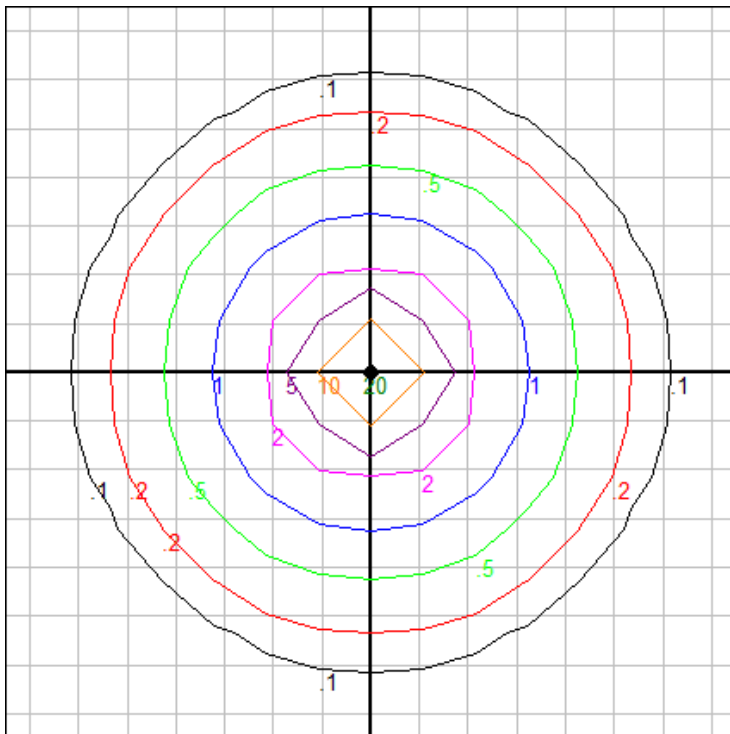


Characteristics

NEMA Type	2 H x 2 V
Maximum Candela	54062.577
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	11.9
Vertical Beam Angle (50%)	11.9
Horizontal Field Angle (10%)	24.3
Vertical Field Angle (10%)	24.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1187
Beam Efficiency	N.A.
Field Lumens	2521
Field Efficiency	N.A.
Spill Lumens	1649
Luminaire Lumens	4169
Total Efficiency	N.A.
Total Luminaire Watts	68
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	2299.88
10-20	1119.28
20-30	567.79
30-40	139.83
40-50	45.52
50-60	22.25
60-70	5.49
70-80	1.57
80-90	0.08
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: 50 ft.

Grid Spacing: 5 ft.

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

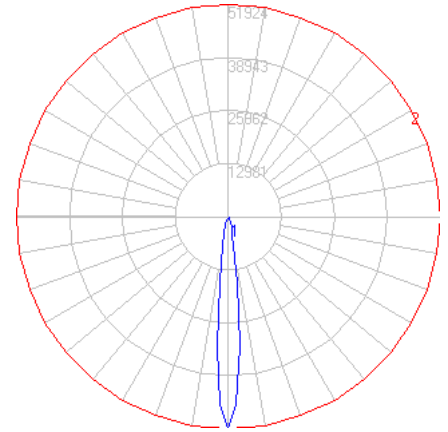
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BEGA

File: 84222K27_BEGA_IES.ies

TEST: BE_84222K4
TEST LAB: BEGA
DATE: 8/12/2019
LUMINAIRE: 84 222K27
LAMP: 61.7W LED

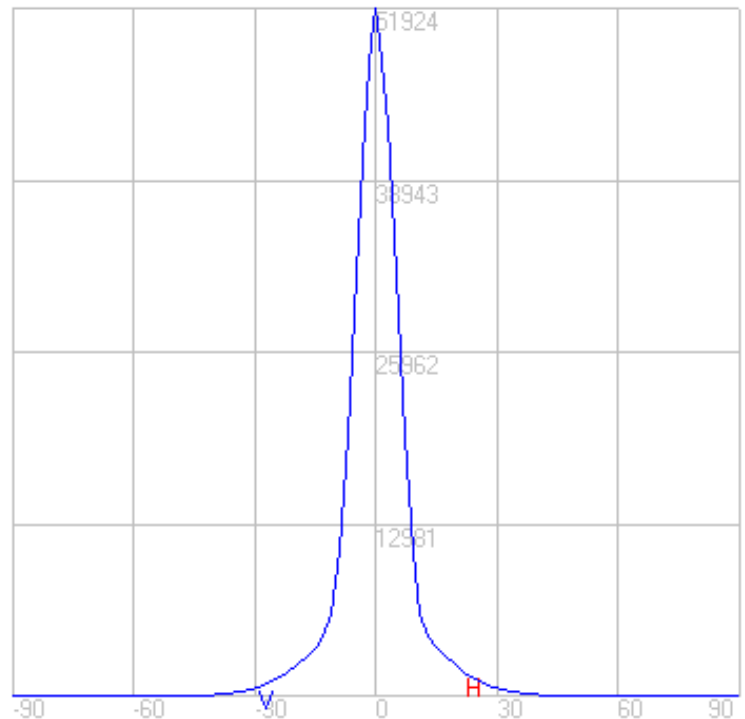
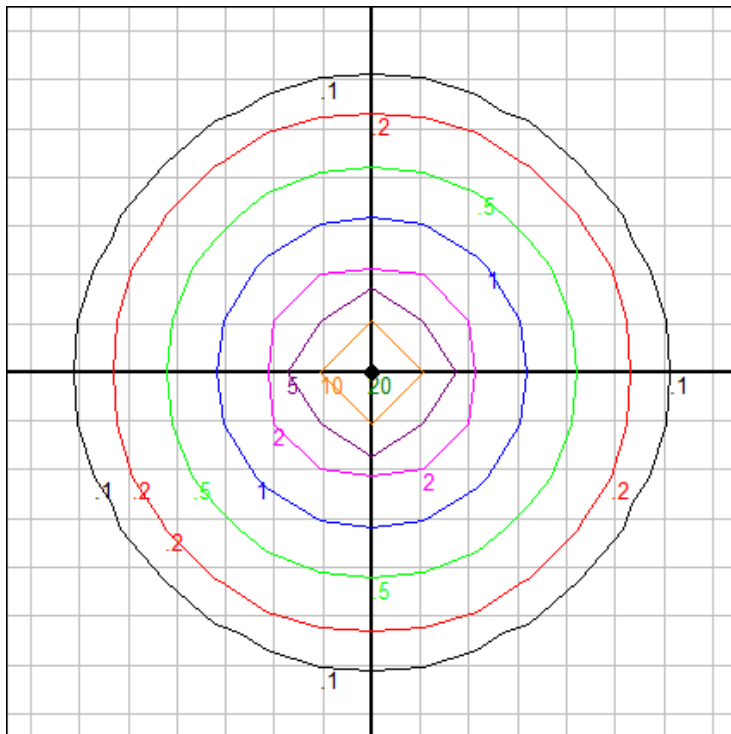


Characteristics

NEMA Type	2 H x 2 V
Maximum Candela	51924.201
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	11.9
Vertical Beam Angle (50%)	11.9
Horizontal Field Angle (10%)	24.3
Vertical Field Angle (10%)	24.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1140
Beam Efficiency	N.A.
Field Lumens	2421
Field Efficiency	N.A.
Spill Lumens	1584
Luminaire Lumens	4004
Total Efficiency	N.A.
Total Luminaire Watts	68
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	2208.91
10-20	1075.01
20-30	545.33
30-40	134.30
40-50	43.72
50-60	21.37
60-70	5.28
70-80	1.51
80-90	0.08
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: 50 ft.

Grid Spacing: 5 ft.

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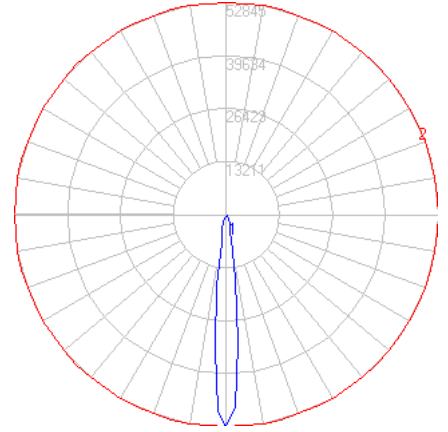
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BEGA

File: 84222K4_71121_BEGA_IES.ies

TEST: BE_84222K4_71121
TEST LAB: BEGA
DATE: 8/12/2019
LUMINAIRE: 84 222KK + 71121
LAMP: 61.7W LED

*For additional CCTs, please consult factory

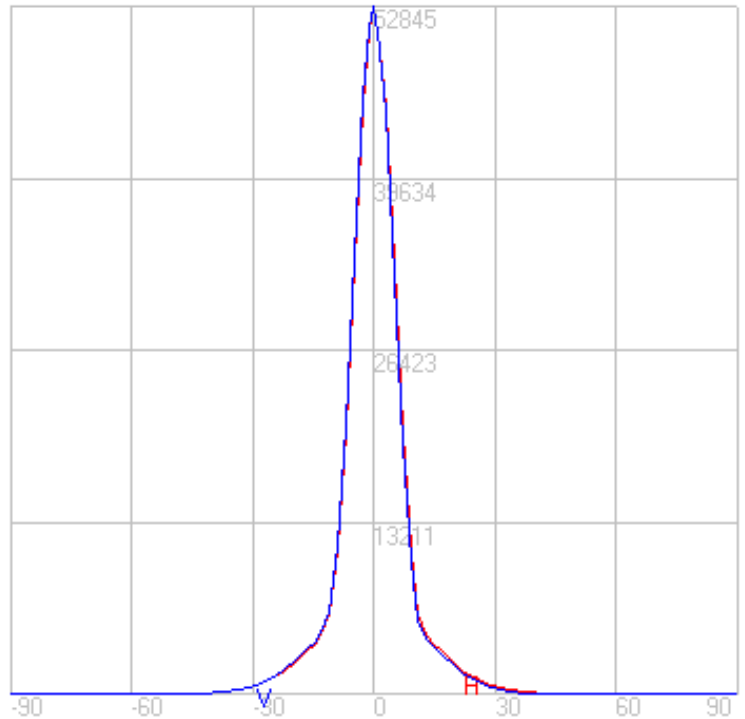
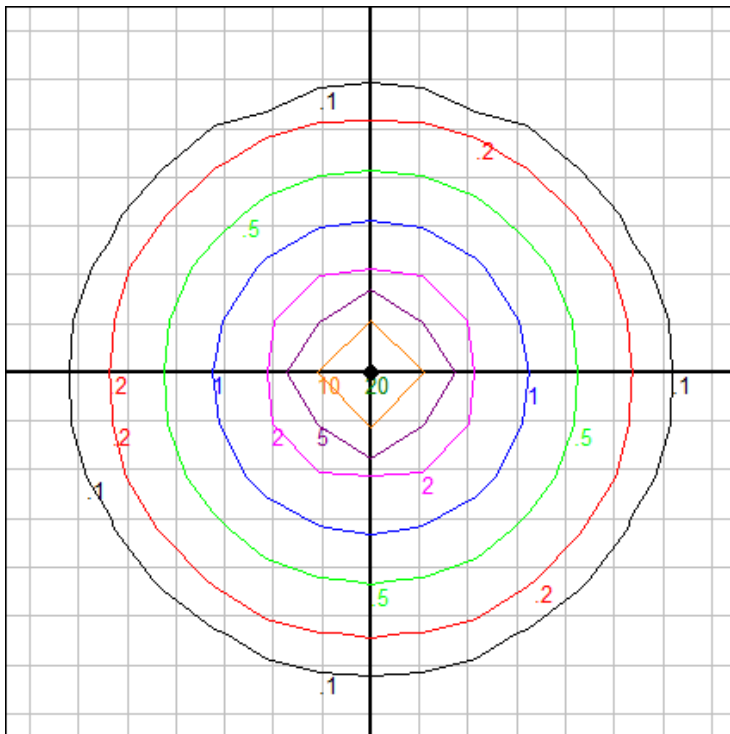


Characteristics

NEMA Type	2 H x 2 V
Maximum Candela	52845.1
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	12.1
Vertical Beam Angle (50%)	12.0
Horizontal Field Angle (10%)	24.1
Vertical Field Angle (10%)	23.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1279
Beam Efficiency	N.A.
Field Lumens	2470
Field Efficiency	N.A.
Spill Lumens	1617
Luminaire Lumens	4086
Total Efficiency	N.A.
Total Luminaire Watts	68
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	2274.33
10-20	1087.07
20-30	564.82
30-40	138.00
40-50	37.69
50-60	13.20
60-70	2.73
70-80	0.86
80-90	0.28
90-100	0.03
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: 50 ft.

Grid Spacing: 5 ft.

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