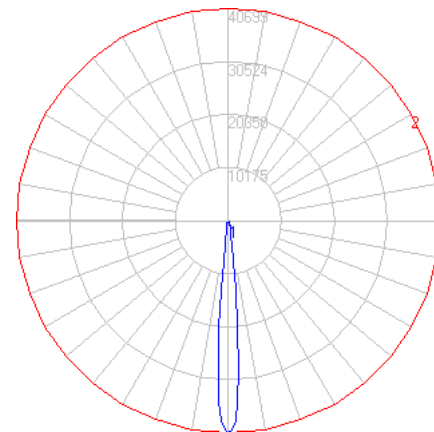


BEGA

File: 84693K4_BEGA_IES.ies

TEST: BE_84693K4
TEST LAB: BEGA
DATE: 05/07/2019
LUMINAIRE: 84 693K4
LAMP: 38.1W LED

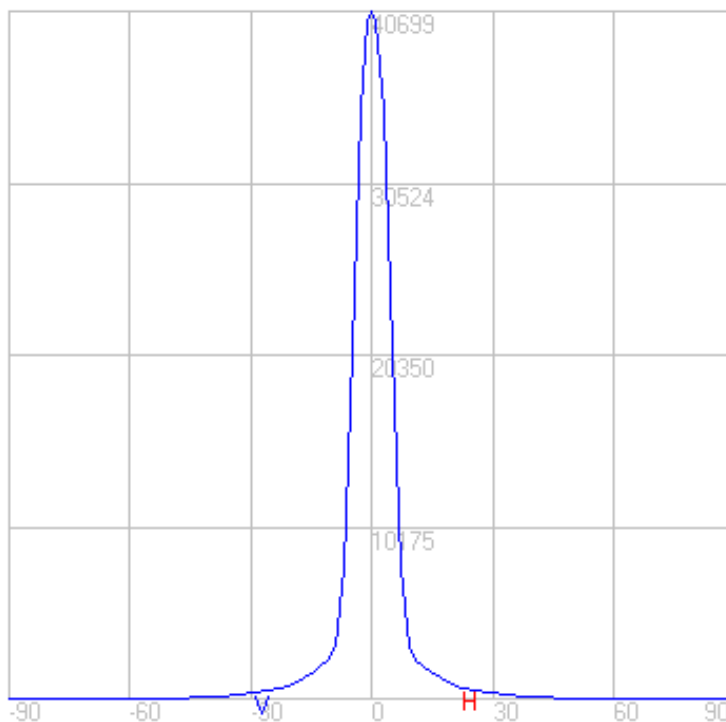
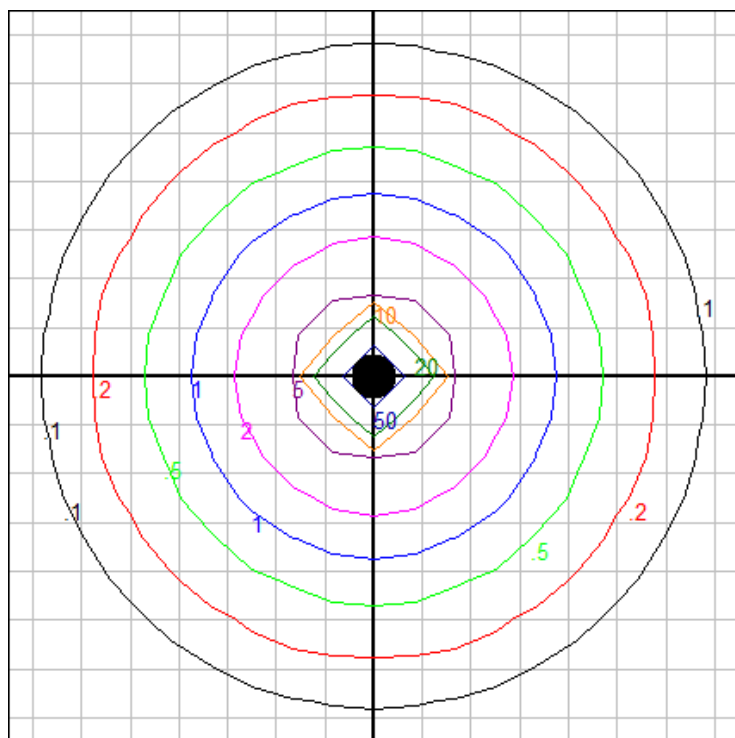


Characteristics

NEMA Type	1 H x 1 V
Maximum Candela	40699.3
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	10.1
Vertical Beam Angle (50%)	10.1
Horizontal Field Angle (10%)	17.2
Vertical Field Angle (10%)	17.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	758
Beam Efficiency	N.A.
Field Lumens	1196
Field Efficiency	N.A.
Spill Lumens	943
Luminaire Lumens	2139
Total Efficiency	N.A.
Total Luminaire Watts	42
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	1261.76
10-20	425.69
20-30	242.31
30-40	110.62
40-50	51.61
50-60	28.42
60-70	5.92
70-80	0.32
80-90	0.00
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.

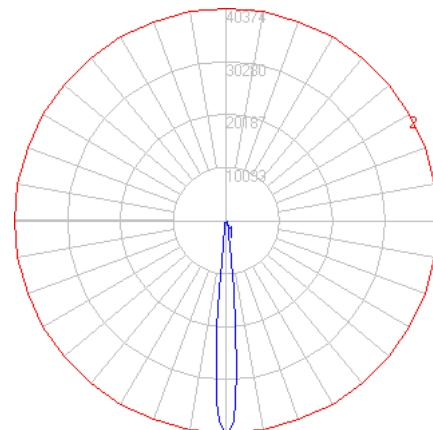
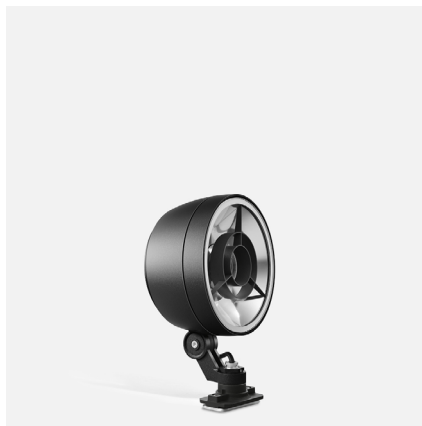
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File: 84693K35_BEGA_IES.ies

TEST: BE_84693K4
TEST LAB: BEGA
DATE: 05/07/2019
LUMINAIRE: 84 693K35
LAMP: 38.1W LED

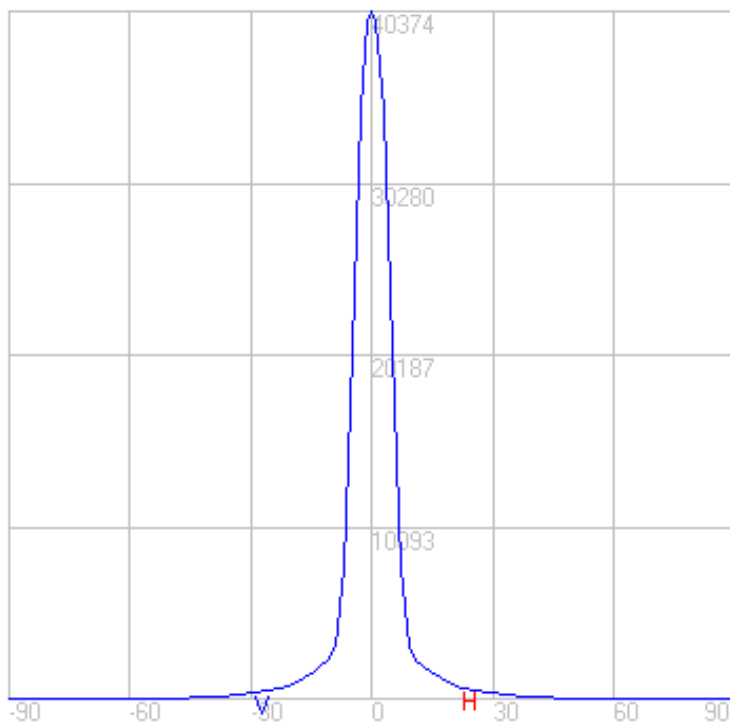
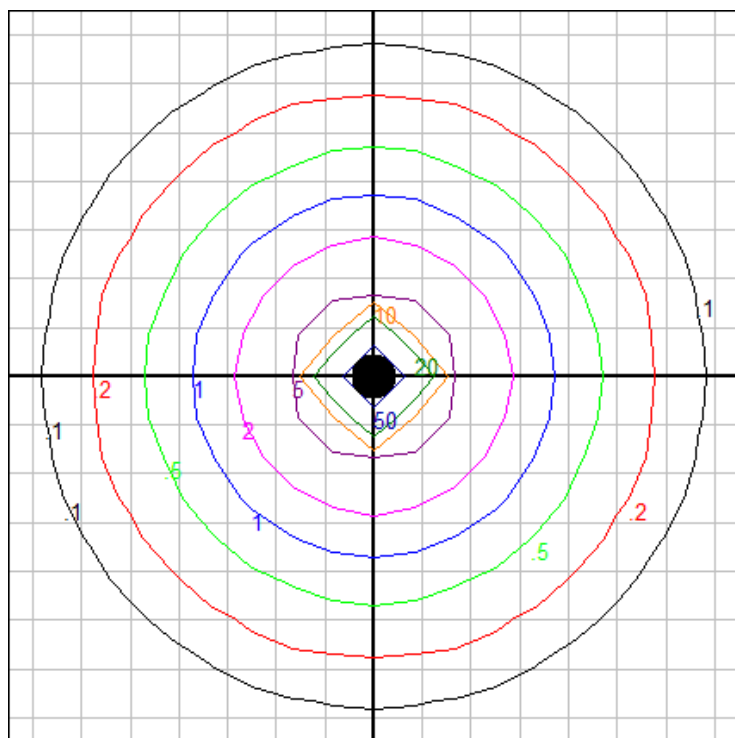


Characteristics

NEMA Type	1 H x 1 V
Maximum Candela	40373.705
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	10.1
Vertical Beam Angle (50%)	10.1
Horizontal Field Angle (10%)	17.2
Vertical Field Angle (10%)	17.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	752
Beam Efficiency	N.A.
Field Lumens	1186
Field Efficiency	N.A.
Spill Lumens	936
Luminaire Lumens	2122
Total Efficiency	N.A.
Total Luminaire Watts	42
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	1251.66
10-20	422.29
20-30	240.37
30-40	109.74
40-50	51.20
50-60	28.19
60-70	5.87
70-80	0.32
80-90	0.00
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.

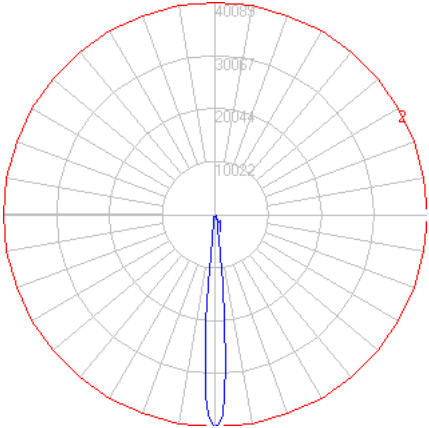
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BEGA

File: 84693K3_BEGA_IES.ies

TEST: BE_84693K4
TEST LAB: BEGA
DATE: 05/07/2019
LUMINAIRE: 84 693K3
LAMP: 38.1W LED

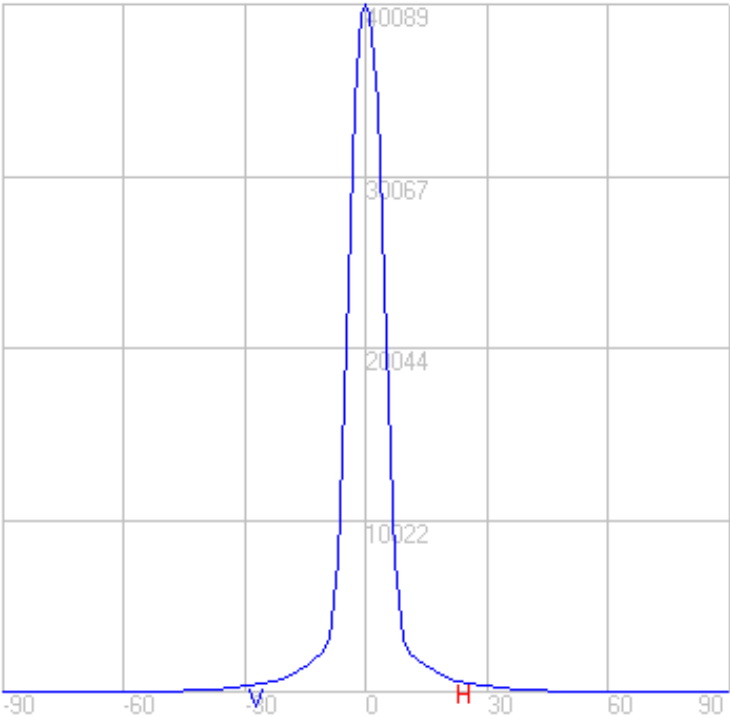
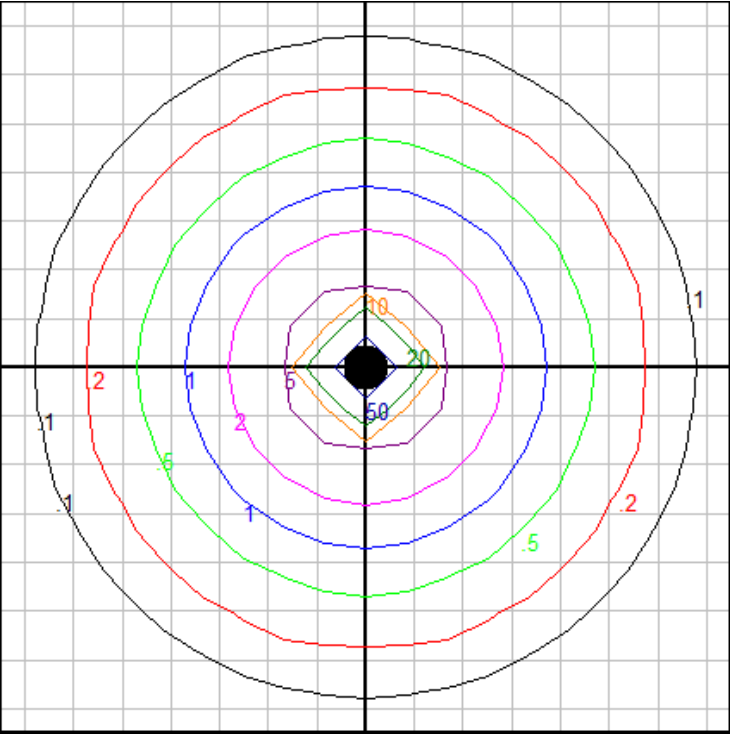


Characteristics

NEMA Type	1 H x 1 V
Maximum Candela	40088.811
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	10.1
Vertical Beam Angle (50%)	10.1
Horizontal Field Angle (10%)	17.2
Vertical Field Angle (10%)	17.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	747
Beam Efficiency	N.A.
Field Lumens	1178
Field Efficiency	N.A.
Spill Lumens	929
Luminaire Lumens	2107
Total Efficiency	N.A.
Total Luminaire Watts	42
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	1242.83
10-20	419.31
20-30	238.68
30-40	108.96
40-50	50.84
50-60	27.99
60-70	5.83
70-80	0.32
80-90	0.00
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.

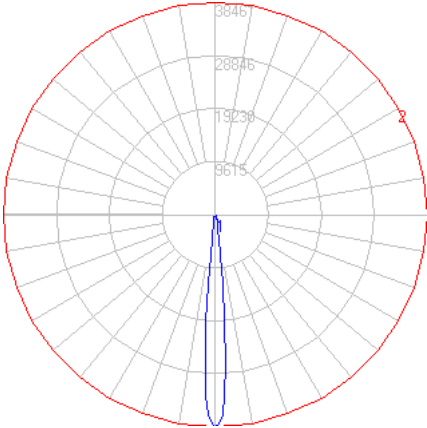
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BEGA

File: 84693K27_BEGA_IES.ies

TEST: BE_84693K4
TEST LAB: BEGA
DATE: 05/07/2019
LUMINAIRE: 84 693K27
LAMP: 38.1W LED

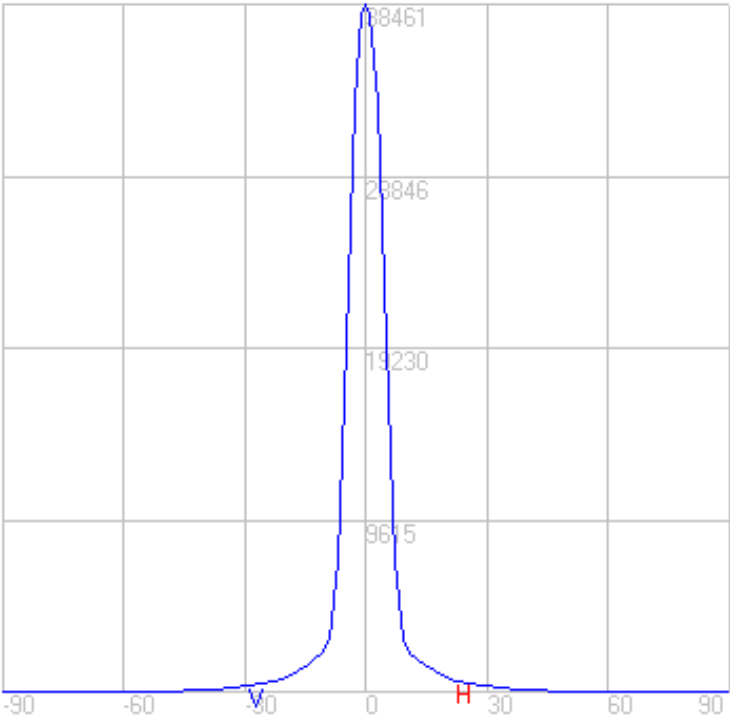
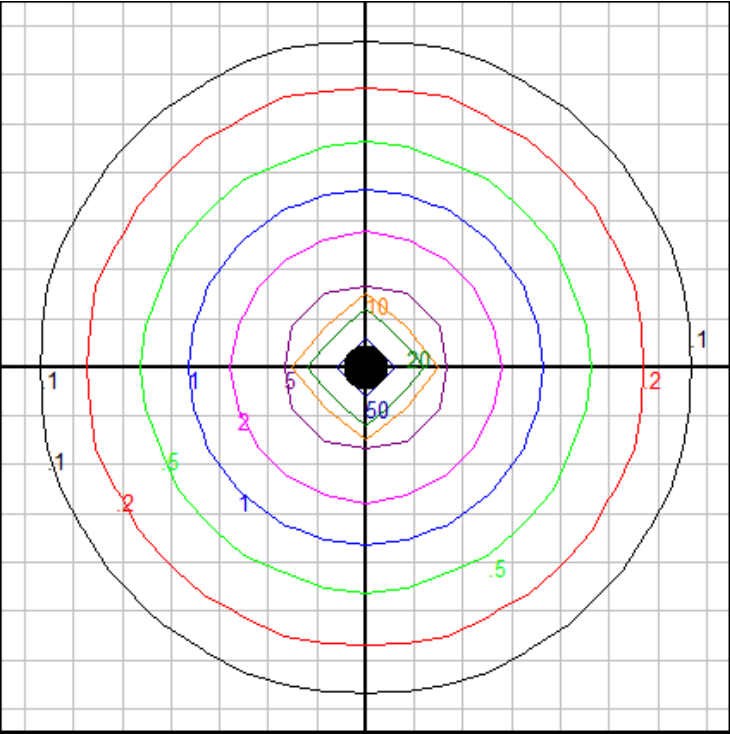


Characteristics

NEMA Type	1 H x 1 V
Maximum Candela	38460.838
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	10.1
Vertical Beam Angle (50%)	10.1
Horizontal Field Angle (10%)	17.2
Vertical Field Angle (10%)	17.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	717
Beam Efficiency	N.A.
Field Lumens	1130
Field Efficiency	N.A.
Spill Lumens	891
Luminaire Lumens	2021
Total Efficiency	N.A.
Total Luminaire Watts	42
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	1192.36
10-20	402.28
20-30	228.98
30-40	104.54
40-50	48.78
50-60	26.85
60-70	5.59
70-80	0.30
80-90	0.00
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



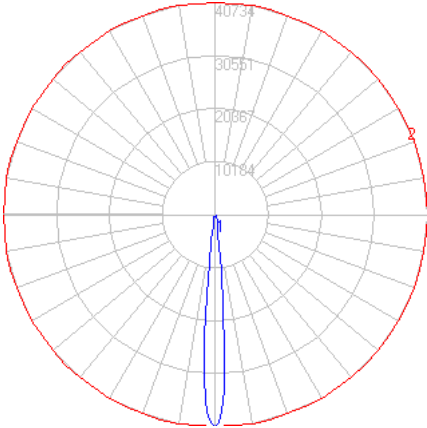
Mounting Height: 20 ft. Grid Spacing: 2.5 ft.

BEGA

File: 84693K4_71111_BEGA_IES.ies

TEST: BE_84693K4_71111
TEST LAB: BEGA
DATE: 05/07/2019
LUMINAIRE: 84 693K4 + 71111
LAMP: 38.1W LED

*For additional CCTs, please consult factory

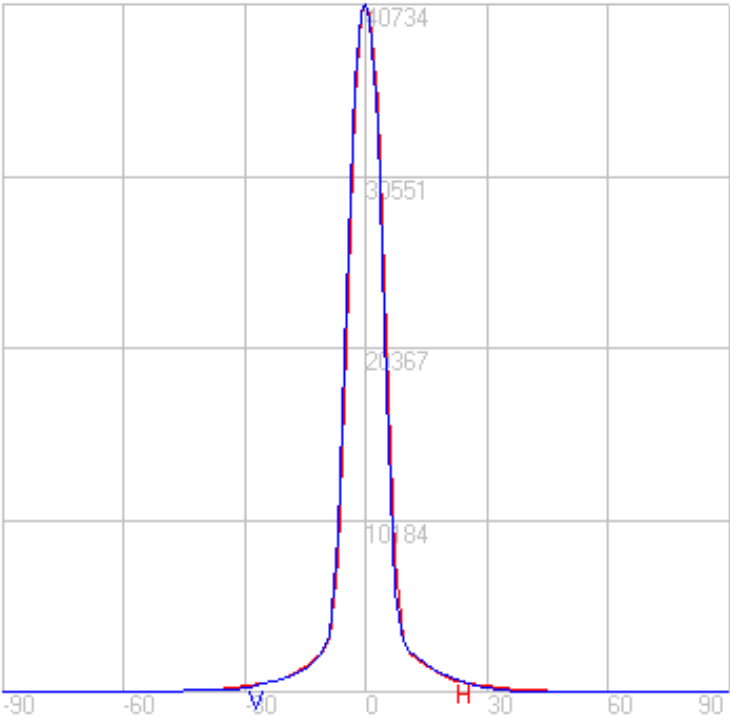
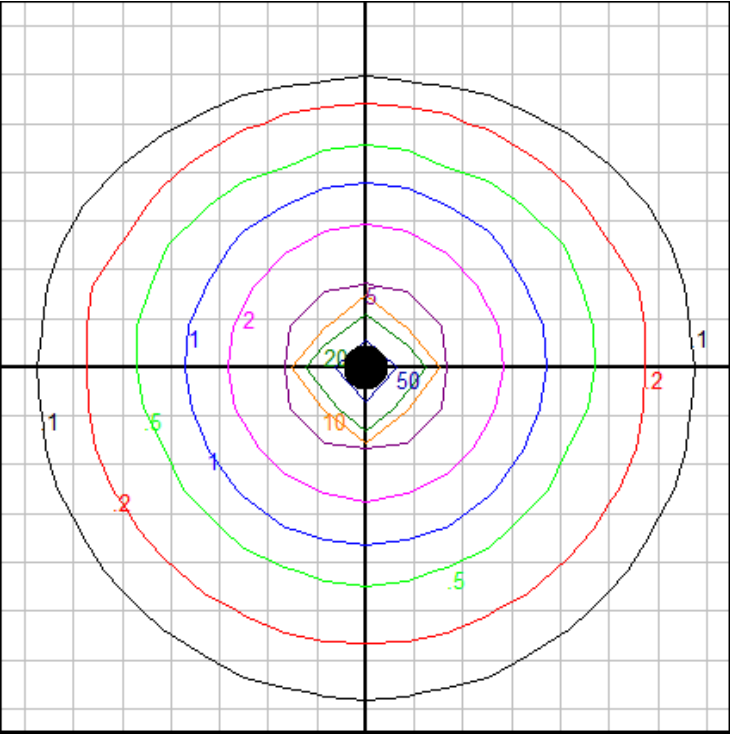


Characteristics

NEMA Type	1 H x 1 V
Maximum Candela	40734.4
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	10.1
Vertical Beam Angle (50%)	10.1
Horizontal Field Angle (10%)	17.2
Vertical Field Angle (10%)	17.0
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	758
Beam Efficiency	N.A.
Field Lumens	1195
Field Efficiency	N.A.
Spill Lumens	887
Luminaire Lumens	2081
Total Efficiency	N.A.
Total Luminaire Watts	42
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	1260.36
10-20	421.67
20-30	237.11
30-40	97.03
40-50	36.52
50-60	14.25
60-70	2.46
70-80	0.09
80-90	0.00
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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