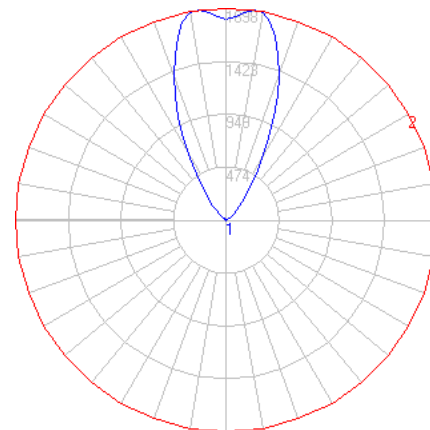


BEGA

File: 84787K4_BEGA_IES.ies

TEST: 84787K4
 TEST LAB: BEGA
 DATE: 11/02/21
 LUMINAIRE: 84787K4
 LAMP: 12W LED

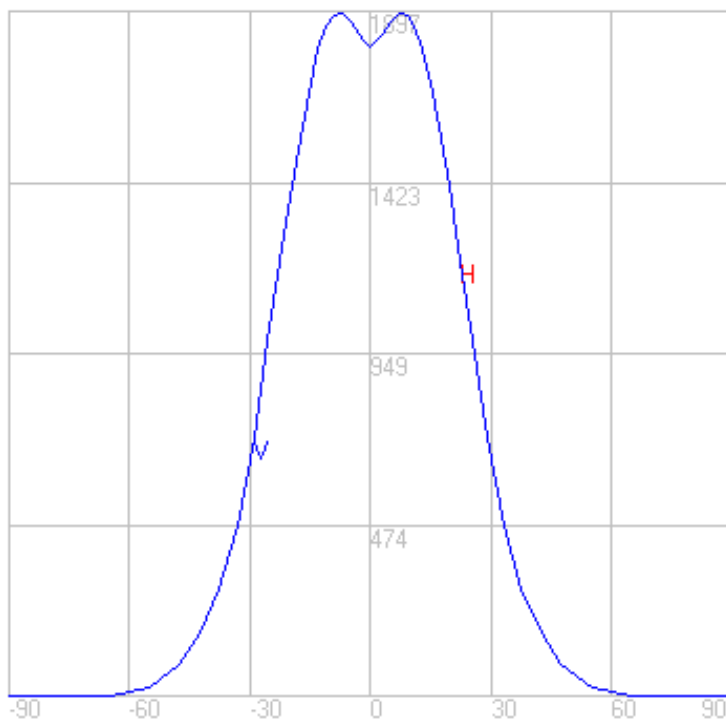
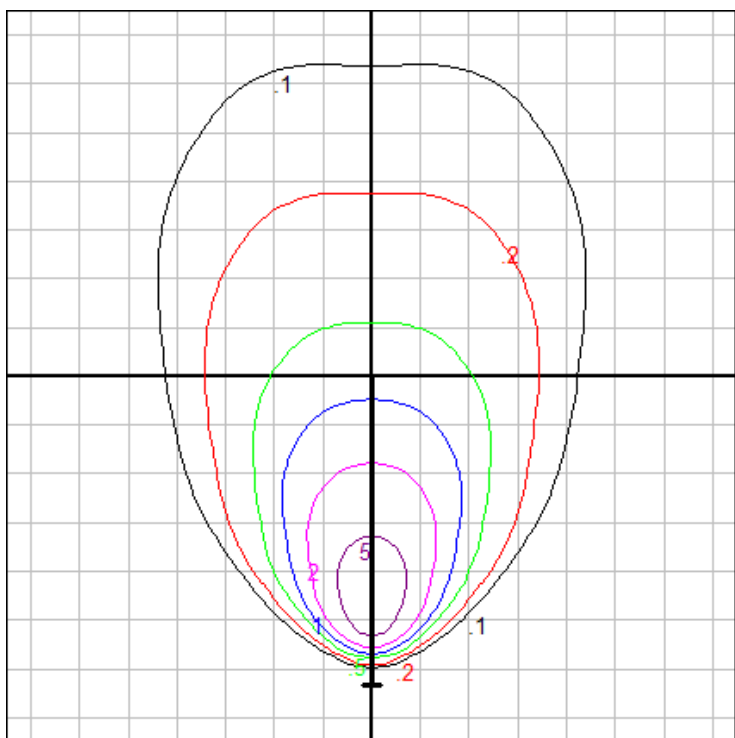


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1897.2
Maximum Candela Angle	-7 H -3 V
Horizontal Beam Angle (50%)	50.1
Vertical Beam Angle (50%)	51.6
Horizontal Field Angle (10%)	83.0
Vertical Field Angle (10%)	83.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	942
Beam Efficiency	N.A.
Field Lumens	1391
Field Efficiency	N.A.
Spill Lumens	97
Luminaire Lumens	1488
Total Efficiency	N.A.
Total Luminaire Watts	14
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	179.12
10-20	467.31
20-30	461.21
30-40	248.21
40-50	101.94
50-60	22.39
60-70	3.06
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



Setback Distance: 3 ft.

Grid Spacing: 3 ft.

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

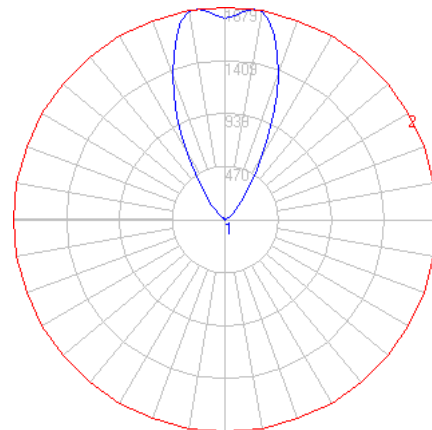
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BEGA

File: 84787K35_BEGA_IES.ies

TEST: 84787K4
 TEST LAB: BEGA
 DATE: 11/02/21
 LUMINAIRE: 84787K35
 LAMP: 12W LED

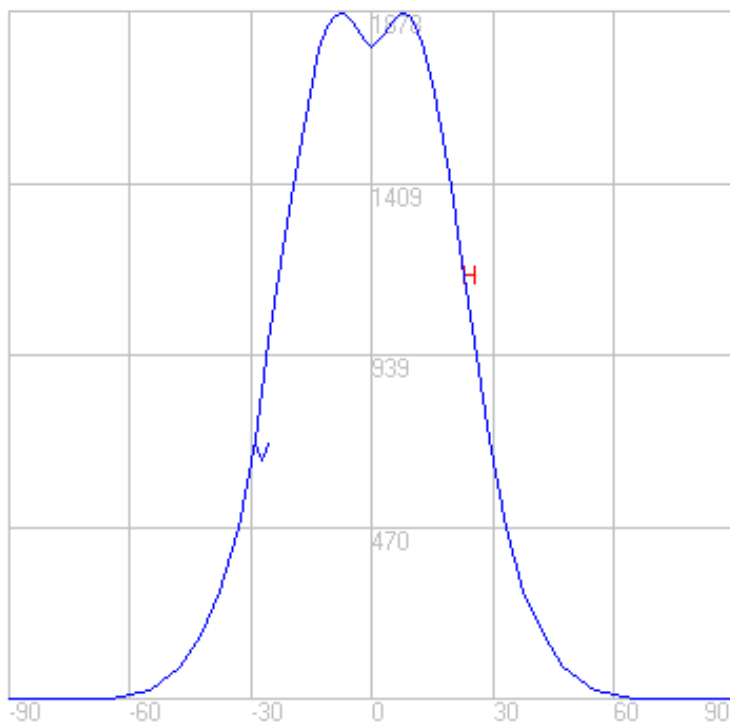
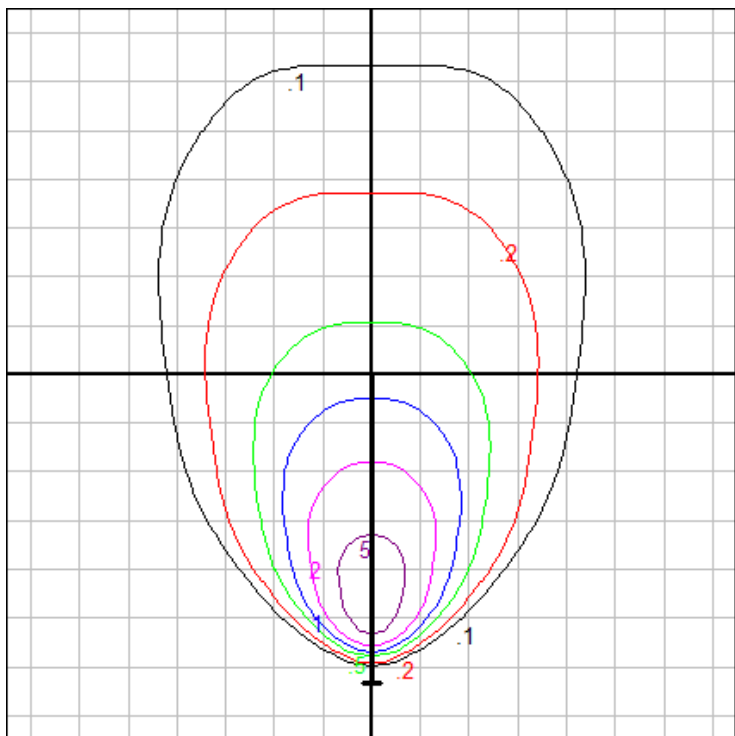


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1878.255
Maximum Candela Angle	-7 H -3 V
Horizontal Beam Angle (50%)	50.1
Vertical Beam Angle (50%)	51.6
Horizontal Field Angle (10%)	83.0
Vertical Field Angle (10%)	83.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	933
Beam Efficiency	N.A.
Field Lumens	1377
Field Efficiency	N.A.
Spill Lumens	96
Luminaire Lumens	1473
Total Efficiency	N.A.
Total Luminaire Watts	14
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	177.33
10-20	462.63
20-30	456.60
30-40	245.73
40-50	100.92
50-60	22.16
60-70	3.03
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



Setback Distance: 3 ft.

Grid Spacing: 3 ft.

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

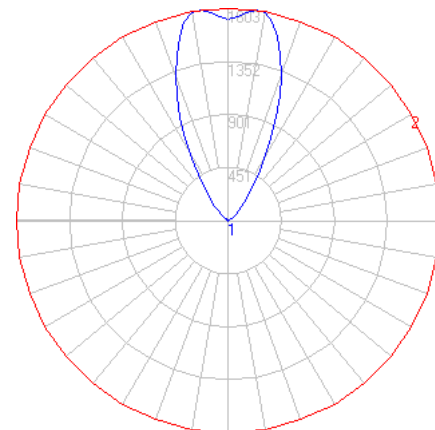
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File: 84787K3_BEGA_IES.ies

TEST: 84787K4
 TEST LAB: BEGA
 DATE: 11/02/21
 LUMINAIRE: 84787K3
 LAMP: 12W LED

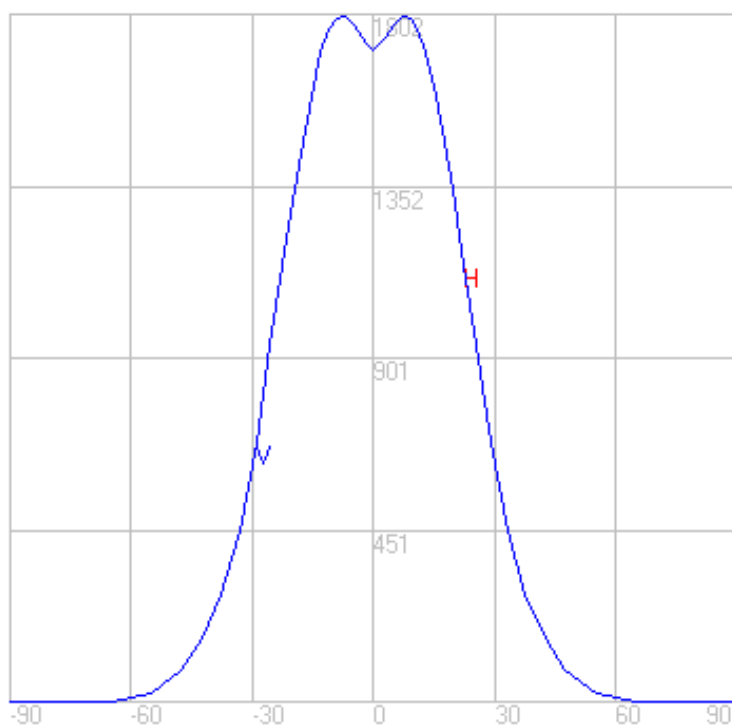
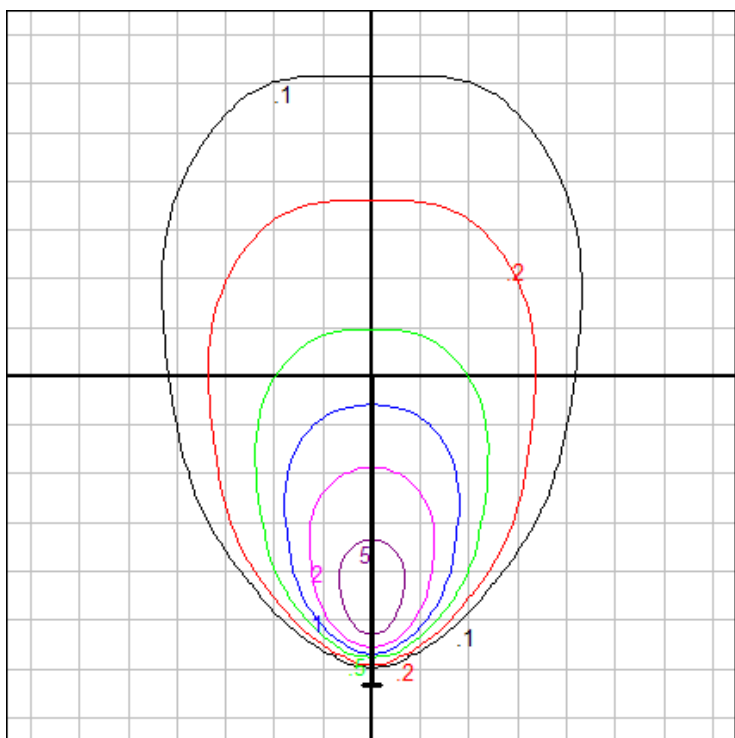


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1802.365
Maximum Candela Angle	-7 H -3 V
Horizontal Beam Angle (50%)	50.1
Vertical Beam Angle (50%)	51.6
Horizontal Field Angle (10%)	83.0
Vertical Field Angle (10%)	83.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	895
Beam Efficiency	N.A.
Field Lumens	1322
Field Efficiency	N.A.
Spill Lumens	92
Luminaire Lumens	1414
Total Efficiency	N.A.
Total Luminaire Watts	14
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	170.17
10-20	443.94
20-30	438.15
30-40	235.80
40-50	96.85
50-60	21.27
60-70	2.90
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



Setback Distance: 3 ft.

Grid Spacing: 3 ft.

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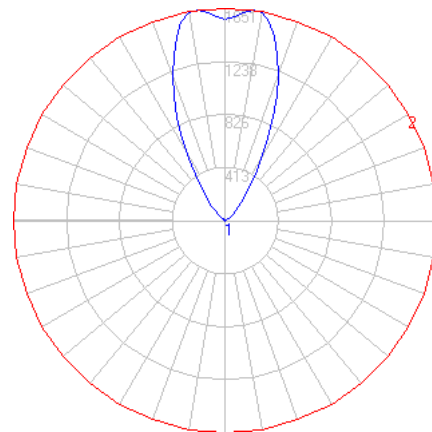
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File: 84787K27_BEGA_IES.ies

TEST: 84787K4
 TEST LAB: BEGA
 DATE: 11/02/21
 LUMINAIRE: 84787K27
 LAMP: 12W LED

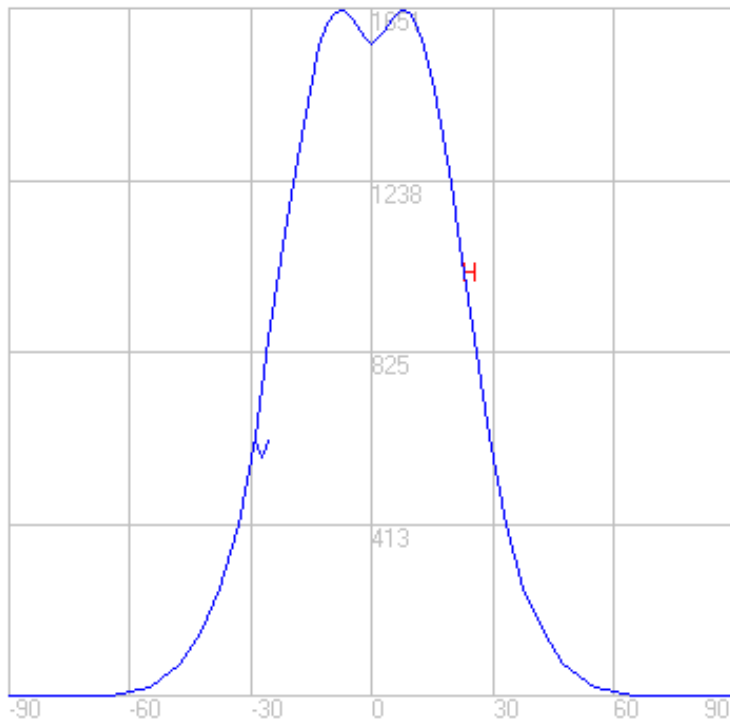
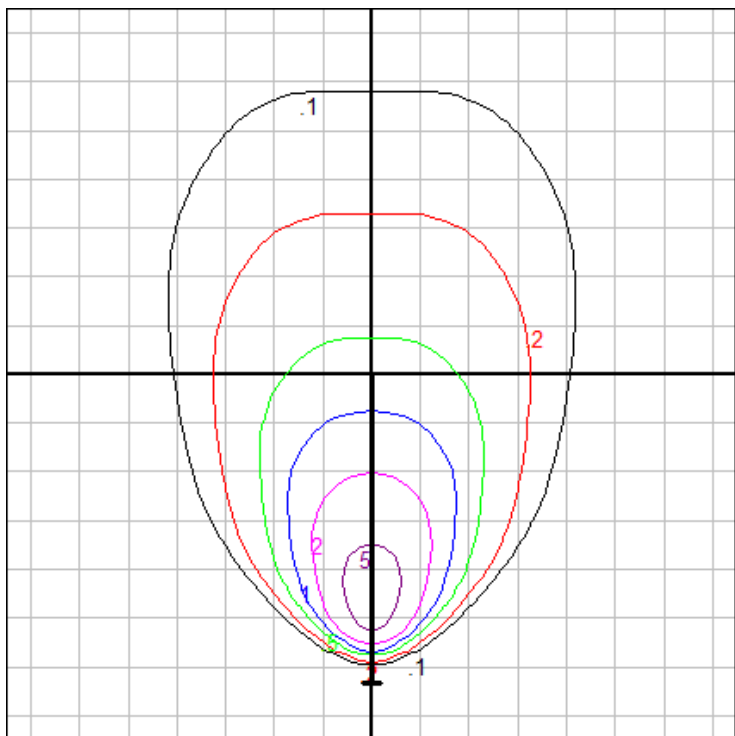


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1650.587
Maximum Candela Angle	-7 H -3 V
Horizontal Beam Angle (50%)	50.1
Vertical Beam Angle (50%)	51.6
Horizontal Field Angle (10%)	83.0
Vertical Field Angle (10%)	83.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	820
Beam Efficiency	N.A.
Field Lumens	1211
Field Efficiency	N.A.
Spill Lumens	84
Luminaire Lumens	1295
Total Efficiency	N.A.
Total Luminaire Watts	14
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	155.84
10-20	406.56
20-30	401.26
30-40	215.94
40-50	88.69
50-60	19.48
60-70	2.66
70-80	0.08
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



Setback Distance: 3 ft.

Grid Spacing: 3 ft.

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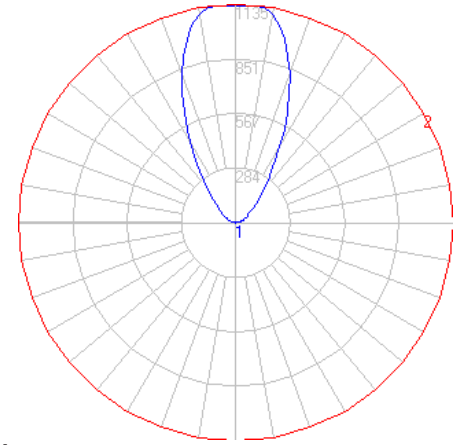
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File: 84787K4_NSL_BEGA_IES.ies

TEST: 84787RK4
 TEST LAB: BEGA
 DATE: 11/02/21
 LUMINAIRE: 84787K4 + Non Skid Lens
 LAMP: 12W LED

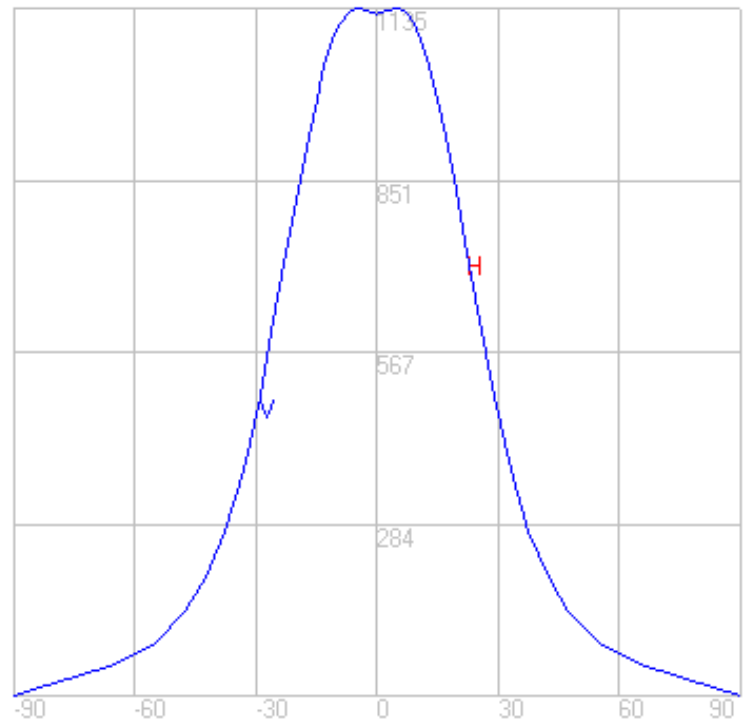
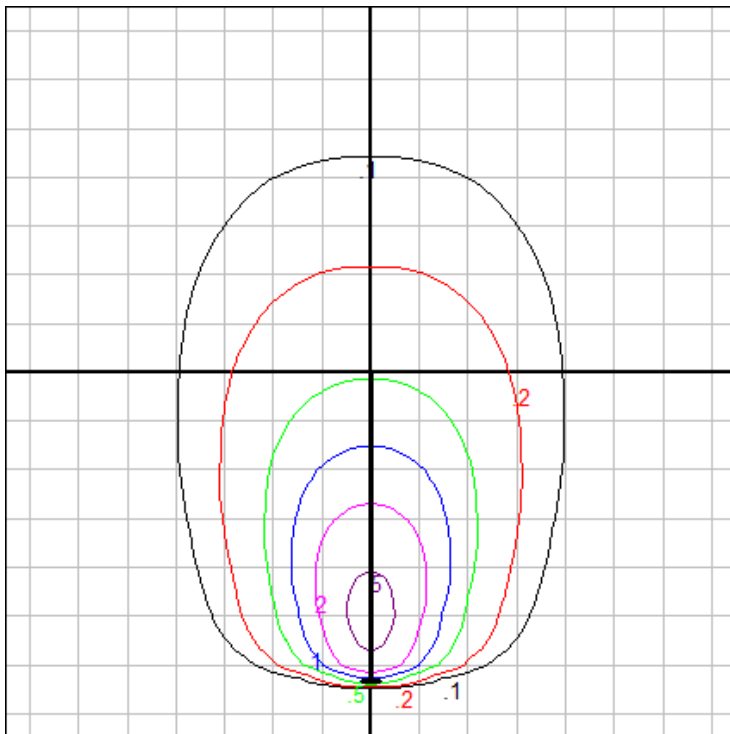


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	1134.5
Maximum Candela Angle	-5 H -1 V
Horizontal Beam Angle (50%)	53.1
Vertical Beam Angle (50%)	53.9
Horizontal Field Angle (10%)	102.1
Vertical Field Angle (10%)	102.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	577
Beam Efficiency	N.A.
Field Lumens	1001
Field Efficiency	N.A.
Spill Lumens	184
Luminaire Lumens	1185
Total Efficiency	N.A.
Total Luminaire Watts	14
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	107.30
10-20	273.01
20-30	290.93
30-40	206.20
40-50	129.30
50-60	79.78
60-70	52.93
70-80	32.21
80-90	11.55
90-100	0.14
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



Setback Distance: 3 ft.

Grid Spacing: 3 ft.

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