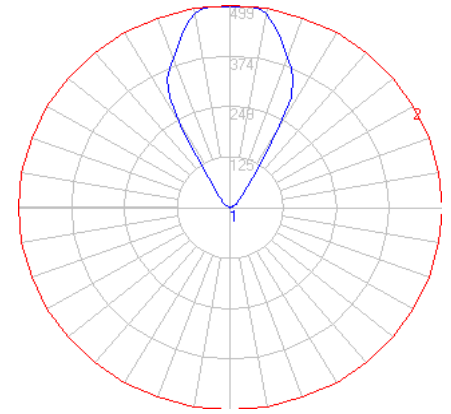


BEGA

File: 84784K4_BEGA_IES.ies

TEST: 84784K4
 TEST LAB: BEGA
 DATE: 02/17/21
 LUMINAIRE: 84784K4
 LAMP: 3.8W LED

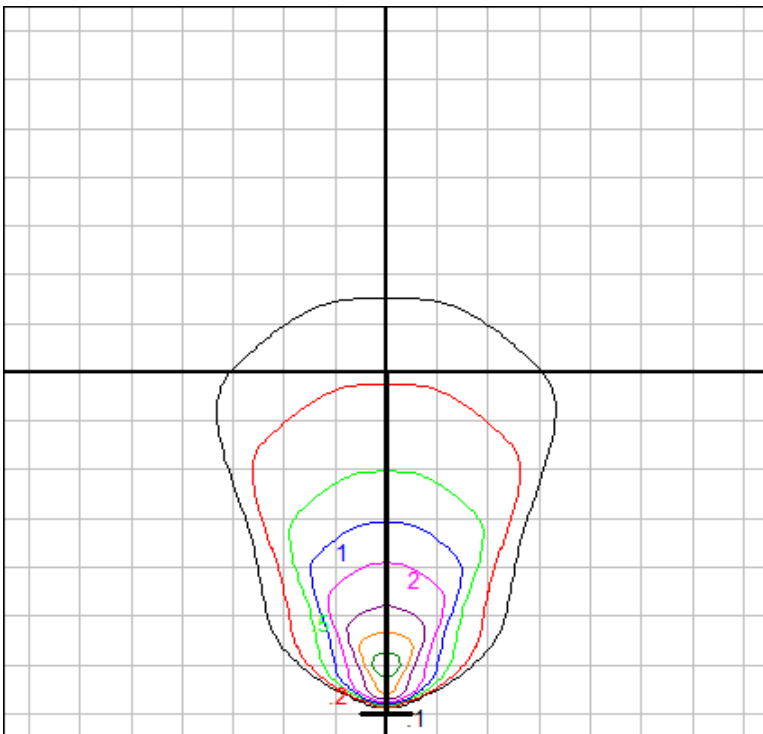


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	498.9
Maximum Candela Angle	-5 H -1 V
Horizontal Beam Angle (50%)	58.1
Vertical Beam Angle (50%)	58.9
Horizontal Field Angle (10%)	81.0
Vertical Field Angle (10%)	81.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	314
Beam Efficiency	N.A.
Field Lumens	397
Field Efficiency	N.A.
Spill Lumens	41
Luminaire Lumens	438
Total Efficiency	N.A.
Total Luminaire Watts	6.5
Ballast Factor	1.00

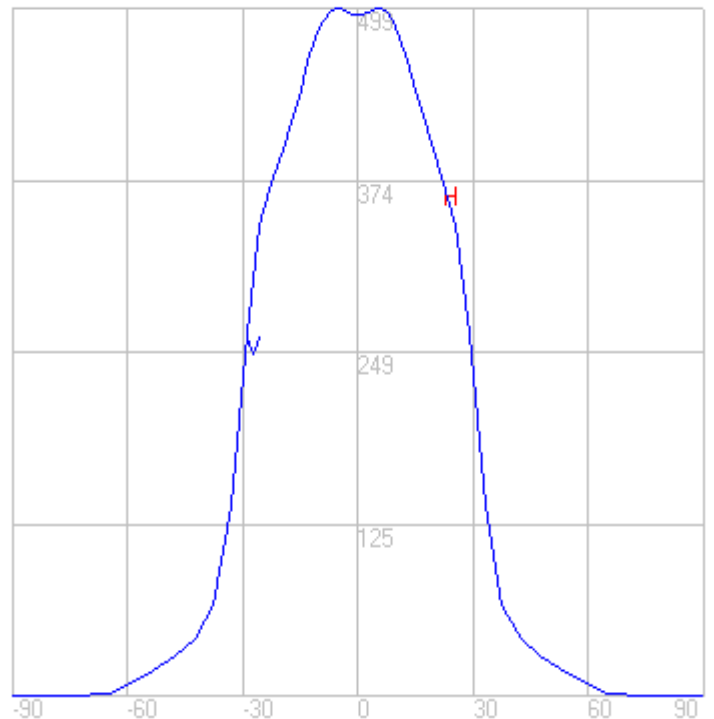
Zonal Lumen Summary

Zone	Lumens
0-10	47.27
10-20	123.46
20-30	153.48
30-40	68.45
40-50	27.14
50-60	14.13
60-70	2.72
70-80	0.01
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: 1 ft.

Grid Spacing: 2 ft.



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

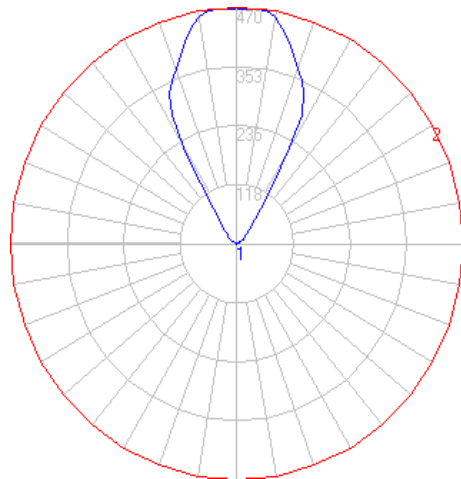
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BEGA

File: 84784K35_BEGA_IES.ies

TEST: 84784K4
 TEST LAB: BEGA
 DATE: 02/17/21
 LUMINAIRE: 84784K35
 LAMP: 3.8W LED

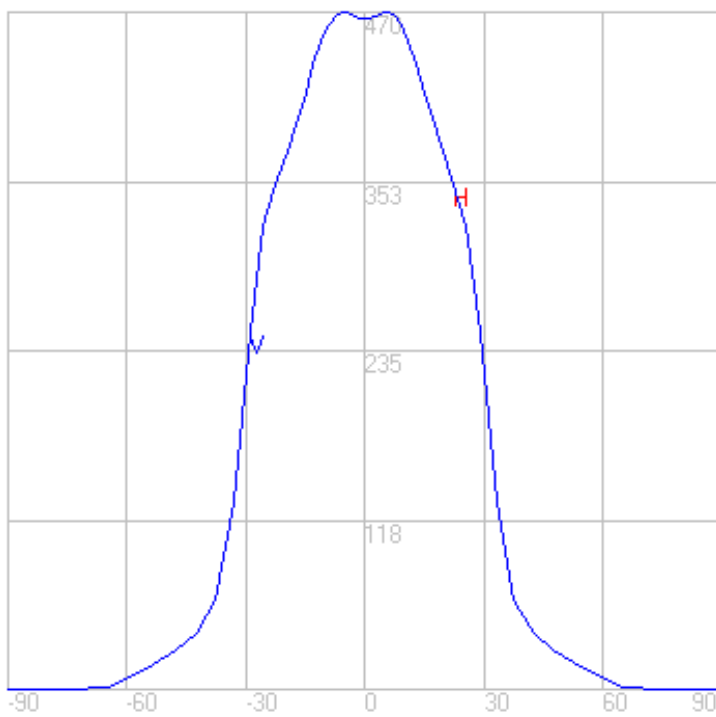
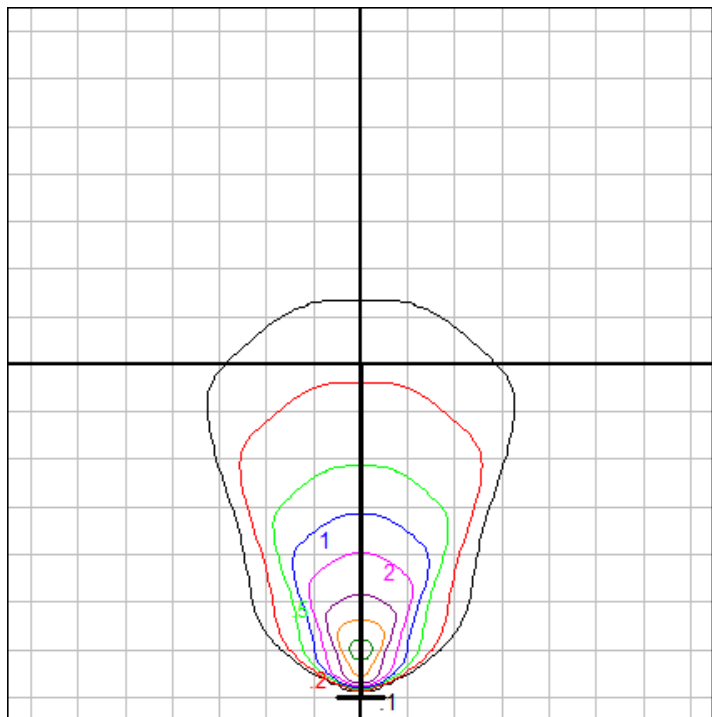


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	470.463
Maximum Candela Angle	-5 H -1 V
Horizontal Beam Angle (50%)	58.1
Vertical Beam Angle (50%)	58.9
Horizontal Field Angle (10%)	81.0
Vertical Field Angle (10%)	81.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	296
Beam Efficiency	N.A.
Field Lumens	374
Field Efficiency	N.A.
Spill Lumens	39
Luminaire Lumens	413
Total Efficiency	N.A.
Total Luminaire Watts	6.5
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	44.57
10-20	116.42
20-30	144.73
30-40	64.55
40-50	25.59
50-60	13.33
60-70	2.56
70-80	0.01
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: 1 ft.

Grid Spacing: 2 ft.

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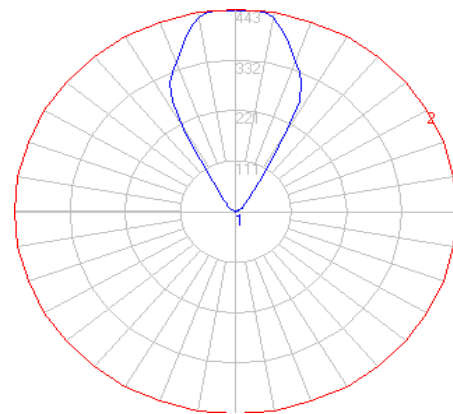
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BEGA

File: 84784K3_BEGA_IES.ies

TEST: 84784K4
 TEST LAB: BEGA
 DATE: 02/17/21
 LUMINAIRE: 84784K3
 LAMP: 3.8W LED

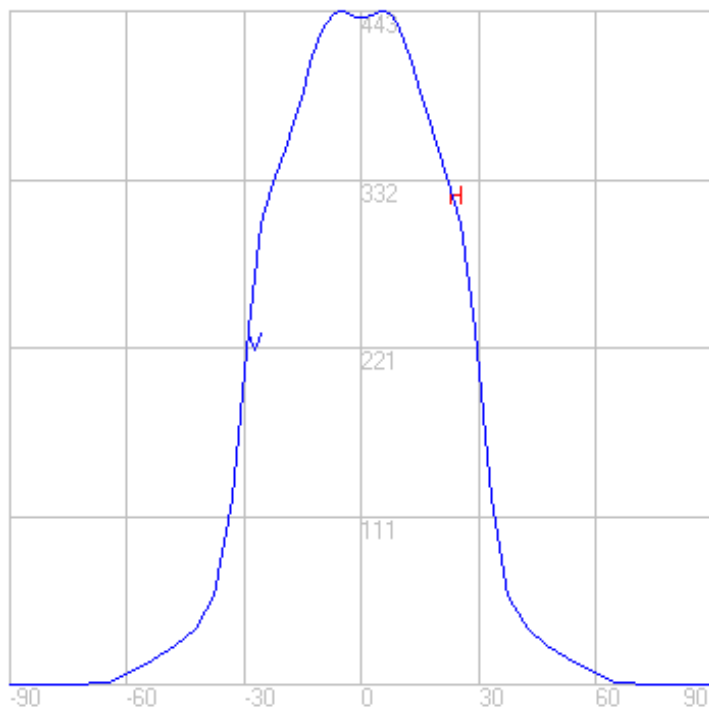
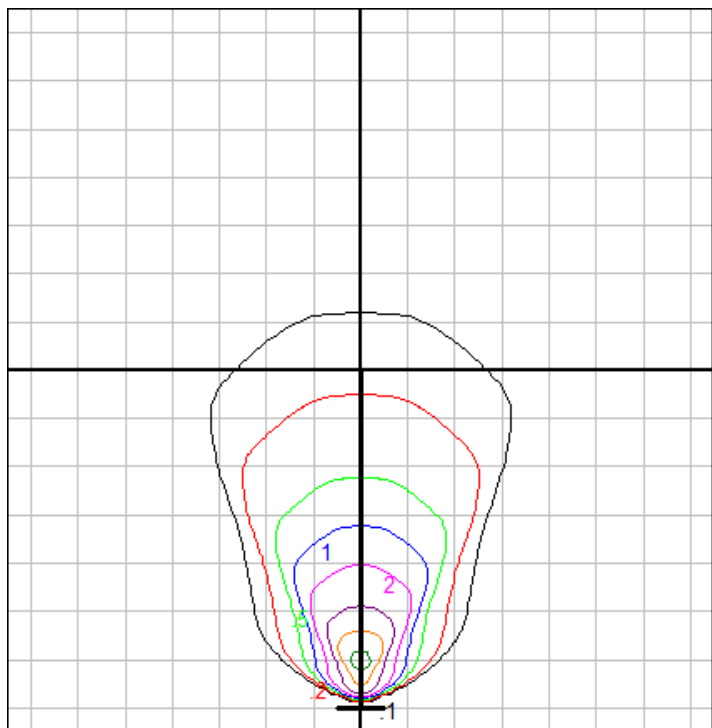


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	442.524
Maximum Candela Angle	-5 H -1 V
Horizontal Beam Angle (50%)	58.1
Vertical Beam Angle (50%)	58.9
Horizontal Field Angle (10%)	81.0
Vertical Field Angle (10%)	81.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	278
Beam Efficiency	N.A.
Field Lumens	352
Field Efficiency	N.A.
Spill Lumens	37
Luminaire Lumens	389
Total Efficiency	N.A.
Total Luminaire Watts	6.5
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	41.93
10-20	109.51
20-30	136.13
30-40	60.72
40-50	24.07
50-60	12.54
60-70	2.41
70-80	0.01
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: 1 ft.

Grid Spacing: 2 ft.

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

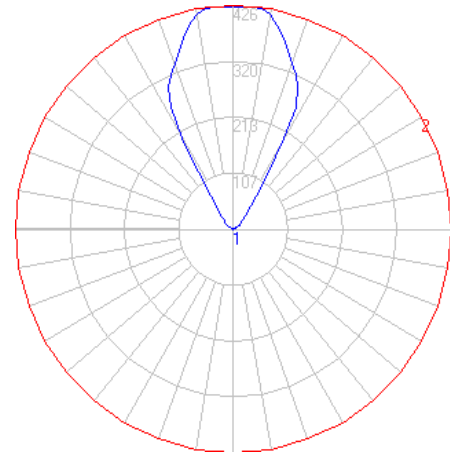
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BEGA

File: 84784K27_BEGA_IES.ies

TEST: 84784K4
 TEST LAB: BEGA
 DATE: 02/17/21
 LUMINAIRE: 84784K27
 LAMP: 3.8W LED

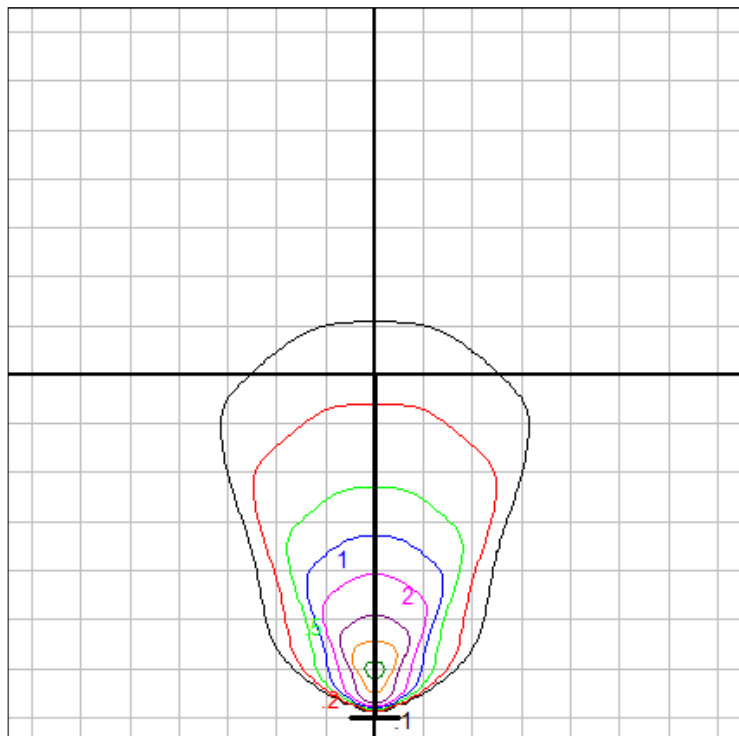


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	426.061
Maximum Candela Angle	-5 H -1 V
Horizontal Beam Angle (50%)	58.1
Vertical Beam Angle (50%)	58.9
Horizontal Field Angle (10%)	81.0
Vertical Field Angle (10%)	81.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	268
Beam Efficiency	N.A.
Field Lumens	339
Field Efficiency	N.A.
Spill Lumens	35
Luminaire Lumens	374
Total Efficiency	N.A.
Total Luminaire Watts	6.5
Ballast Factor	1.00

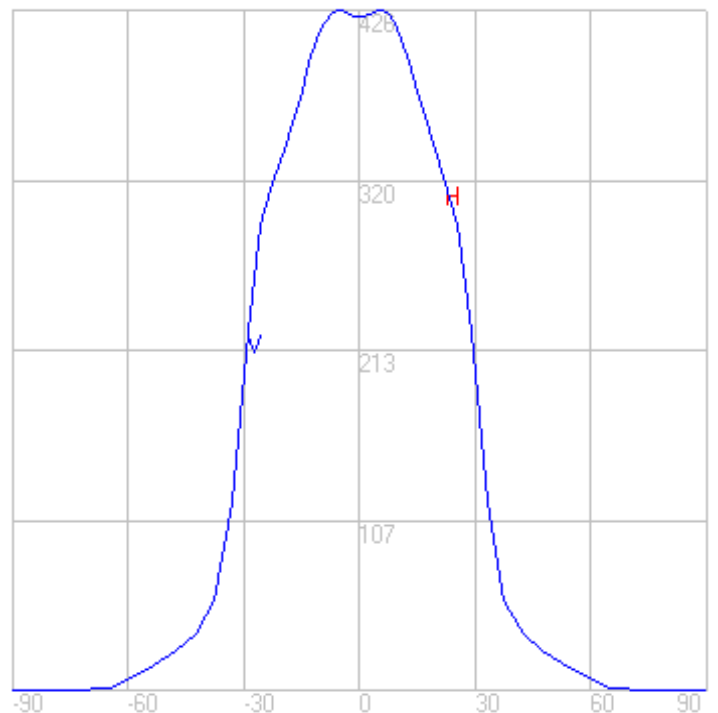
Zonal Lumen Summary

Zone	Lumens
0-10	40.37
10-20	105.43
20-30	131.07
30-40	58.46
40-50	23.18
50-60	12.07
60-70	2.32
70-80	0.01
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: 1 ft.

Grid Spacing: 2 ft.

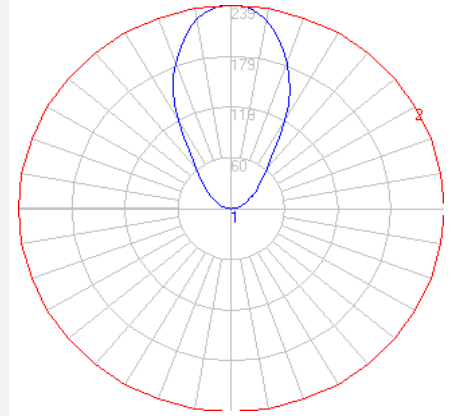


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BEGA

File: 84784K4_NSL_BEGA_IES.ies

TEST: 84784RK4
 TEST LAB: BEGA
 DATE: 02/17/21
 LUMINAIRE: 84784K4 + Non Skid Lens
 LAMP: 3.8W LED

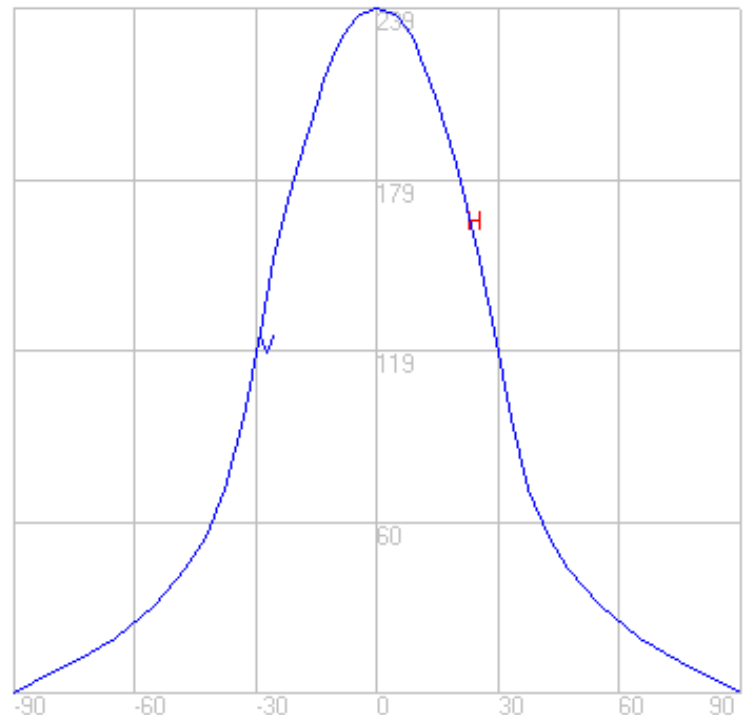
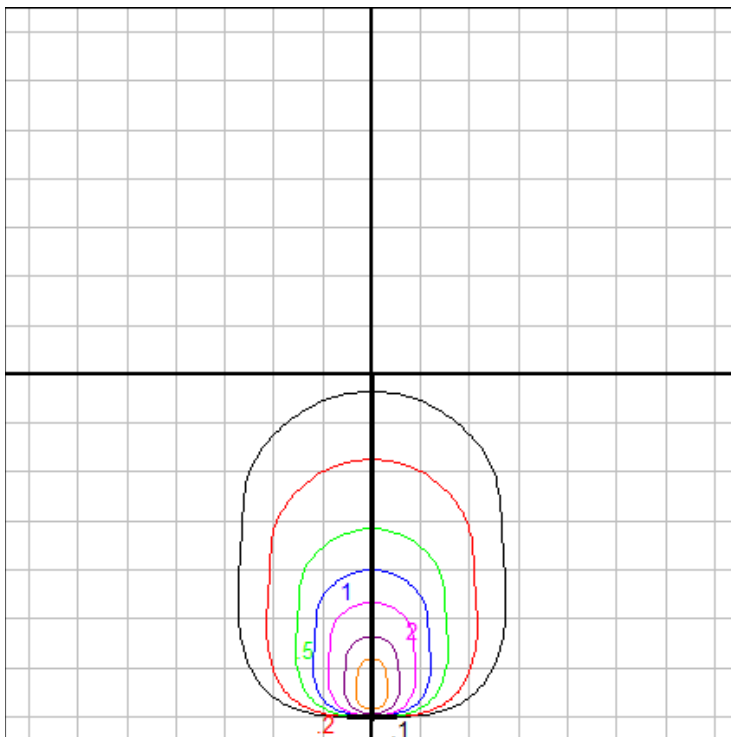


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	238.5
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	59.8
Vertical Beam Angle (50%)	59.8
Horizontal Field Angle (10%)	122.1
Vertical Field Angle (10%)	122.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	149
Beam Efficiency	N.A.
Field Lumens	270
Field Efficiency	N.A.
Spill Lumens	32
Luminaire Lumens	302
Total Efficiency	N.A.
Total Luminaire Watts	6.5
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	22.18
10-20	57.46
20-30	69.92
30-40	53.16
40-50	37.50
50-60	27.79
60-70	19.12
70-80	11.33
80-90	3.81
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



Setback: 1 ft.

Grid Spacing: 2 ft.

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