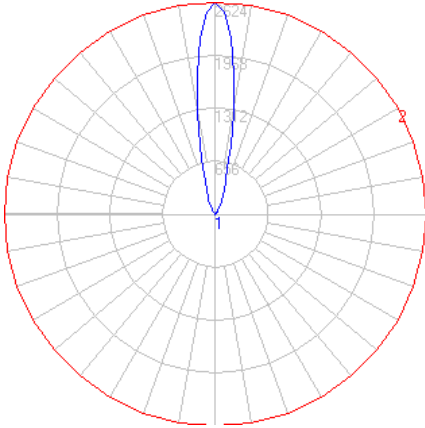


BEGA

File: 84554K4_BEGA_IES.ies

TEST: 84554K4
TEST LAB: BEGA
DATE: 06/23/20
LUMINAIRE: 84554K4
LAMP: 3.9W LED

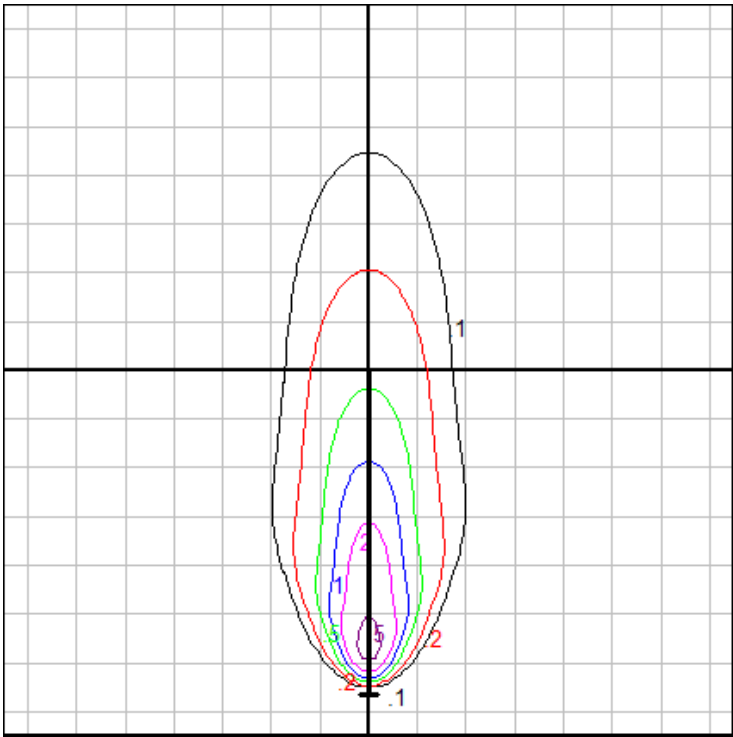


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	2623.8
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	19.8
Vertical Beam Angle (50%)	19.8
Horizontal Field Angle (10%)	44.1
Vertical Field Angle (10%)	44.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	162
Beam Efficiency	N.A.
Field Lumens	380
Field Efficiency	N.A.
Spill Lumens	125
Luminaire Lumens	505
Total Efficiency	N.A.
Total Luminaire Watts	7
Ballast Factor	1.00

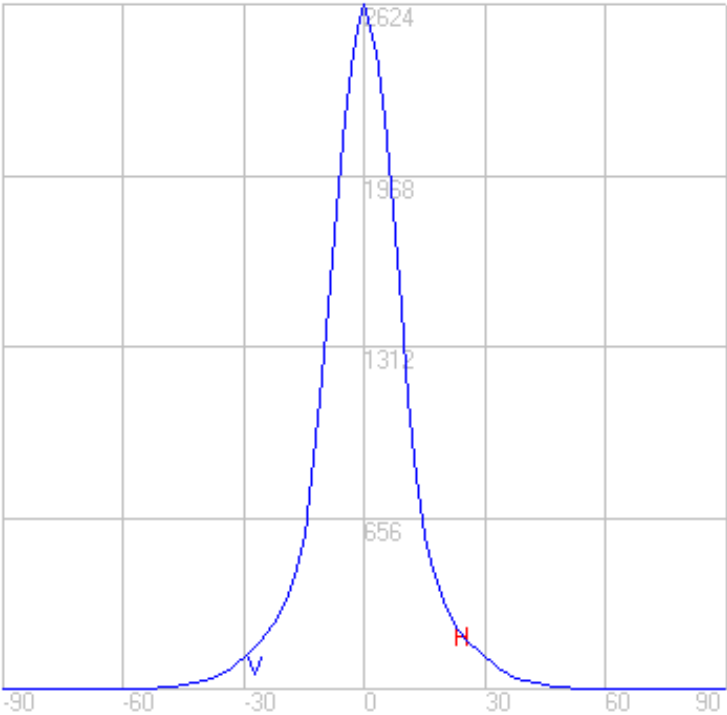
Zonal Lumen Summary

Zone	Lumens
0-10	179.52
10-20	176.84
20-30	92.23
30-40	39.98
40-50	12.38
50-60	3.76
60-70	0.93
70-80	0.12
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: 1.5 ft.

Grid Spacing: 3 ft.



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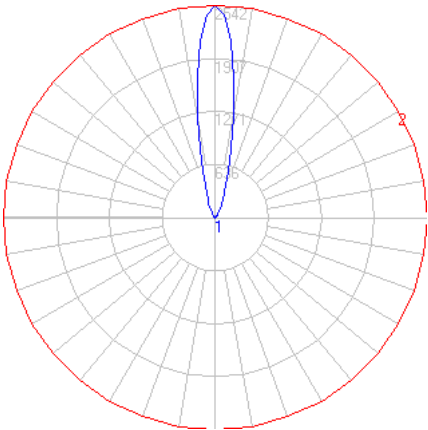
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File: 84554K35_BEGA_IES.ies

TEST: 84554K4
TEST LAB: BEGA
DATE: 06/23/20
LUMINAIRE: 84554K35
LAMP: 3.9W LED

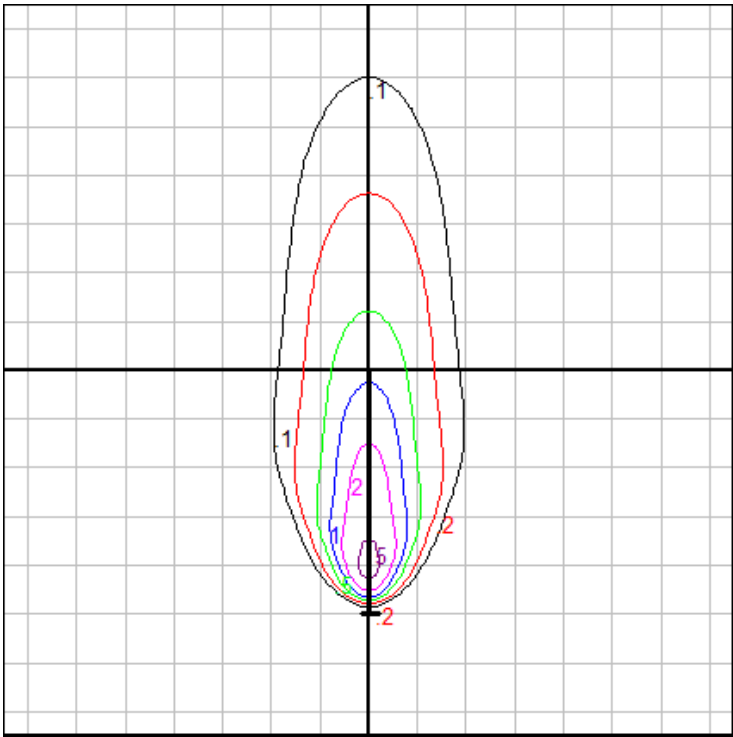


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	2542.462
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	19.8
Vertical Beam Angle (50%)	19.8
Horizontal Field Angle (10%)	44.1
Vertical Field Angle (10%)	44.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	157
Beam Efficiency	N.A.
Field Lumens	368
Field Efficiency	N.A.
Spill Lumens	121
Luminaire Lumens	489
Total Efficiency	N.A.
Total Luminaire Watts	7
Ballast Factor	1.00

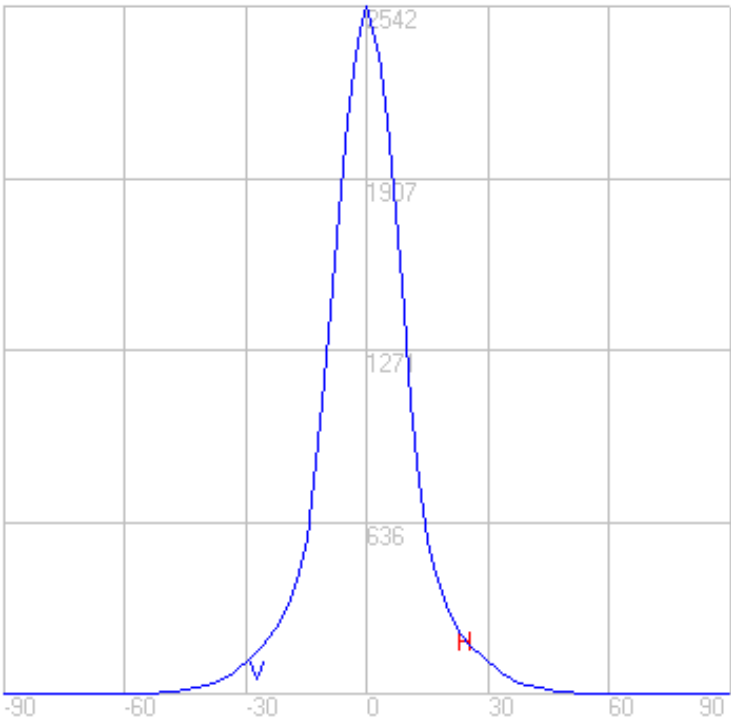
Zonal Lumen Summary

Zone	Lumens
0-10	173.96
10-20	171.35
20-30	89.37
30-40	38.74
40-50	12.00
50-60	3.65
60-70	0.90
70-80	0.11
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: 1.5 ft.

Grid Spacing: 3 ft.



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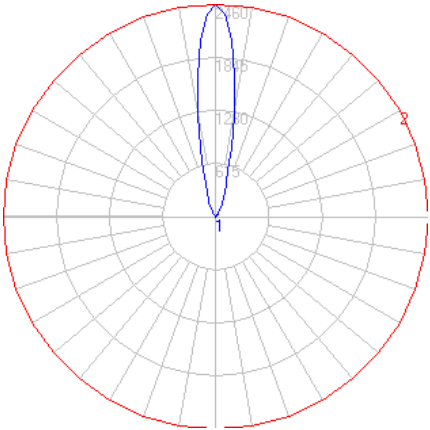
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File: 84554K3_BEGA_IES.ies

TEST: 84554K4
TEST LAB: BEGA
DATE: 06/23/20
LUMINAIRE: 84554
LAMP: 3.9W LED

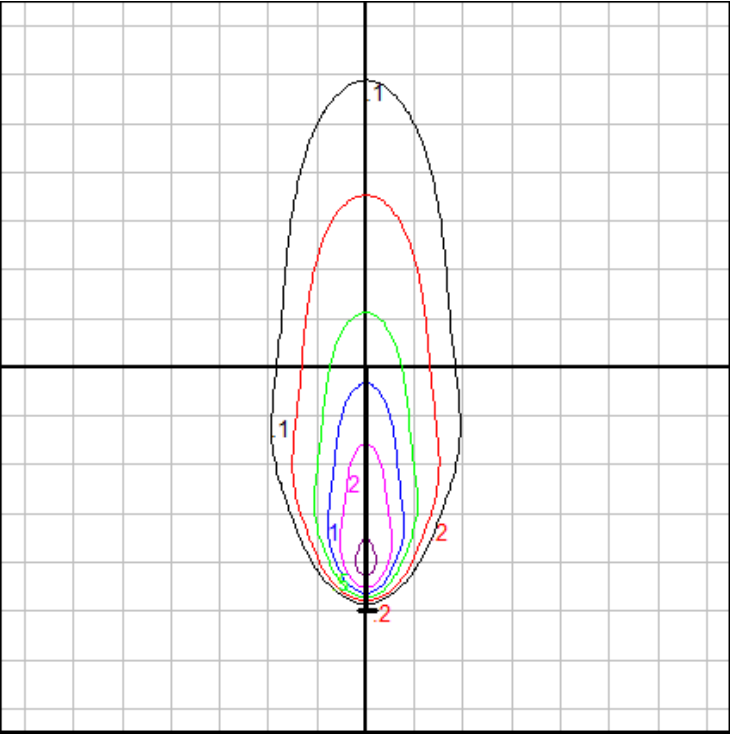


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	2459.813
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	19.8
Vertical Beam Angle (50%)	19.8
Horizontal Field Angle (10%)	44.1
Vertical Field Angle (10%)	44.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	151
Beam Efficiency	N.A.
Field Lumens	356
Field Efficiency	N.A.
Spill Lumens	118
Luminaire Lumens	473
Total Efficiency	N.A.
Total Luminaire Watts	7
Ballast Factor	1.00

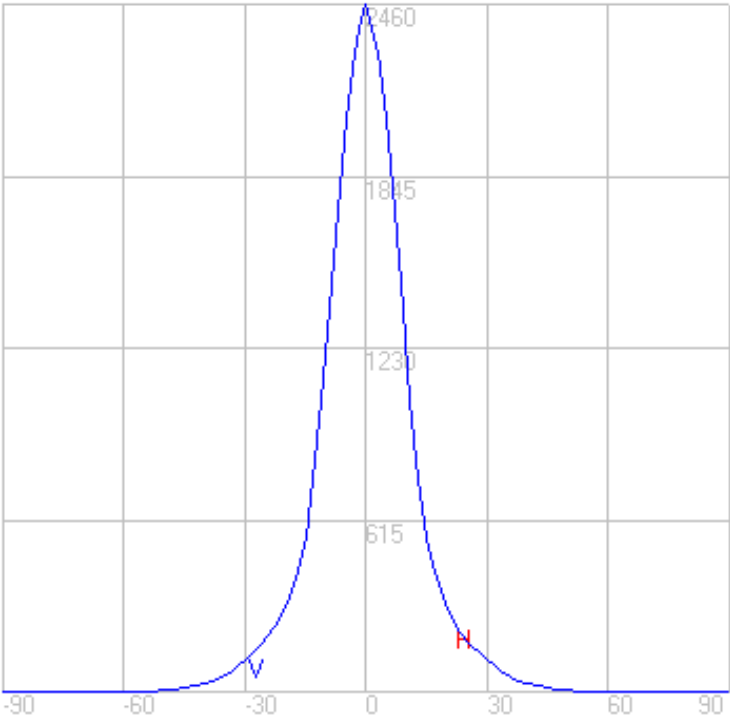
Zonal Lumen Summary

Zone	Lumens
0-10	168.30
10-20	165.79
20-30	86.46
30-40	37.48
40-50	11.61
50-60	3.53
60-70	0.87
70-80	0.11
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: 1.5 ft.

Grid Spacing: 3 ft.



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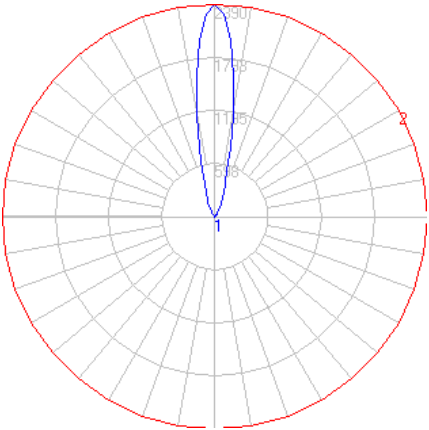
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File: 84554K27_BEGA_IES.ies

TEST: 84554K4
TEST LAB: BEGA
DATE: 06/23/20
LUMINAIRE: 84554K27
LAMP: 3.9W LED

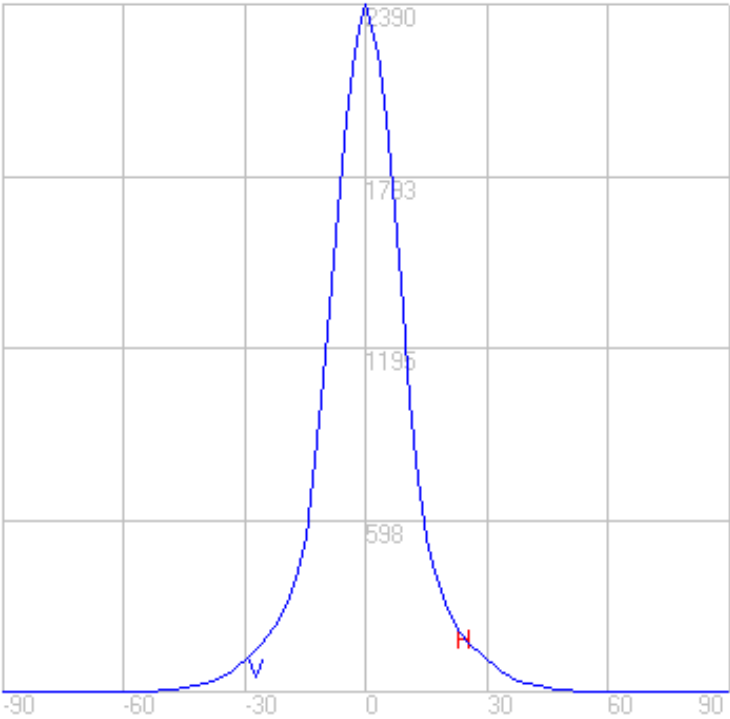
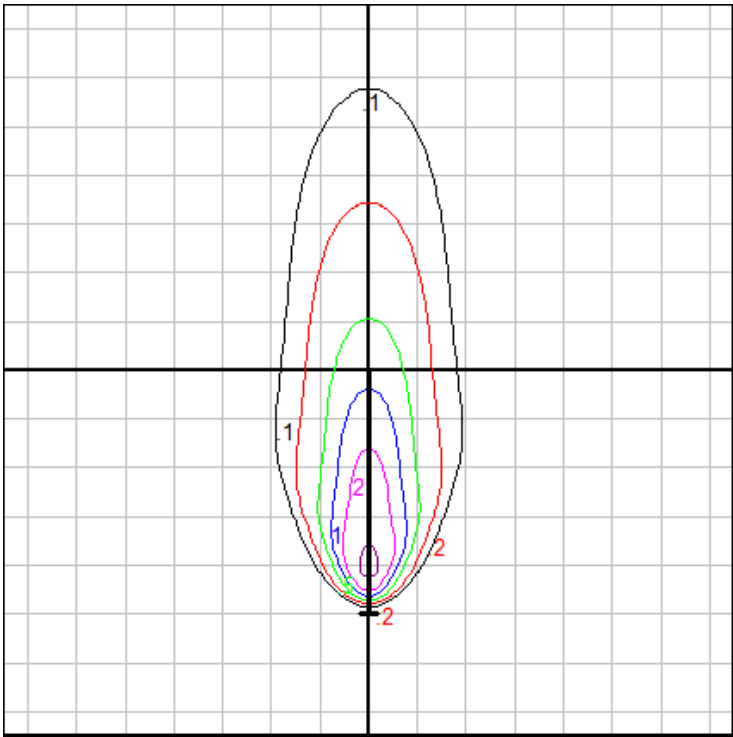


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	2390.282
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	19.8
Vertical Beam Angle (50%)	19.8
Horizontal Field Angle (10%)	44.1
Vertical Field Angle (10%)	44.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	147
Beam Efficiency	N.A.
Field Lumens	346
Field Efficiency	N.A.
Spill Lumens	114
Luminaire Lumens	460
Total Efficiency	N.A.
Total Luminaire Watts	7
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	163.55
10-20	161.10
20-30	84.02
30-40	36.42
40-50	11.28
50-60	3.43
60-70	0.85
70-80	0.11
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: 1.5 ft.

Grid Spacing: 3 ft.

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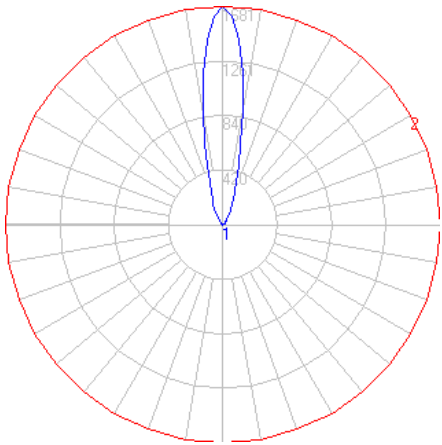
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File: 84554K4_NSL_BEGA_IES.ies

TEST: 84554RK4
TEST LAB: BEGA
DATE: 06/23/20
LUMINAIRE: 84554K4 + Non Skid Lens
LAMP: 3.9W LED

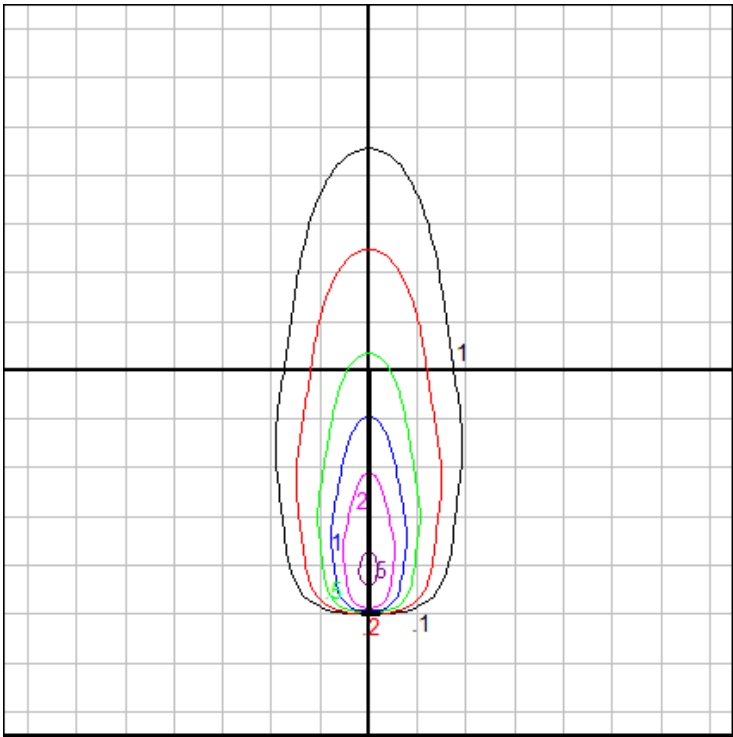


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	1680.7
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	21.1
Vertical Beam Angle (50%)	21.1
Horizontal Field Angle (10%)	50.7
Vertical Field Angle (10%)	50.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	128
Beam Efficiency	N.A.
Field Lumens	302
Field Efficiency	N.A.
Spill Lumens	136
Luminaire Lumens	438
Total Efficiency	N.A.
Total Luminaire Watts	7
Ballast Factor	1.00

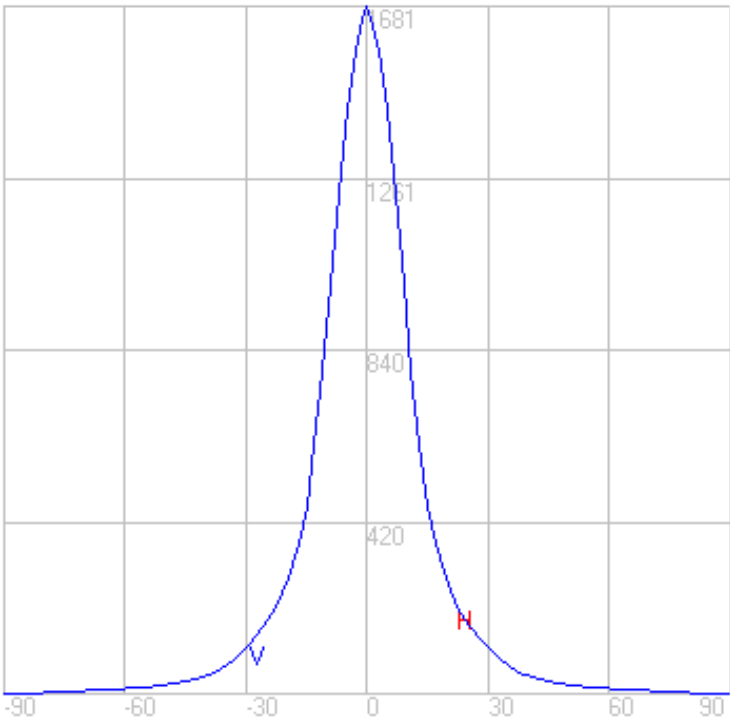
Zonal Lumen Summary

Zone	Lumens
0-10	118.87
10-20	134.99
20-30	80.84
30-40	44.83
40-50	24.50
50-60	15.83
60-70	10.54
70-80	6.04
80-90	1.97
90-100	0.01
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: 1.5 ft.

Grid Spacing: 3 ft.



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