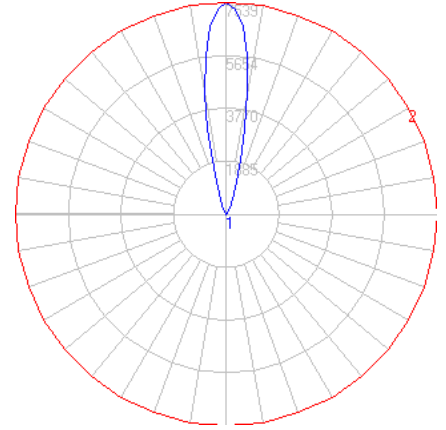


BEGA

File: 84555K4_BEGA_IES.ies

TEST: 84555K4
TEST LAB: BEGA
DATE: 06/23/20
LUMINAIRE: 84555K4
LAMP: 11.5W LED

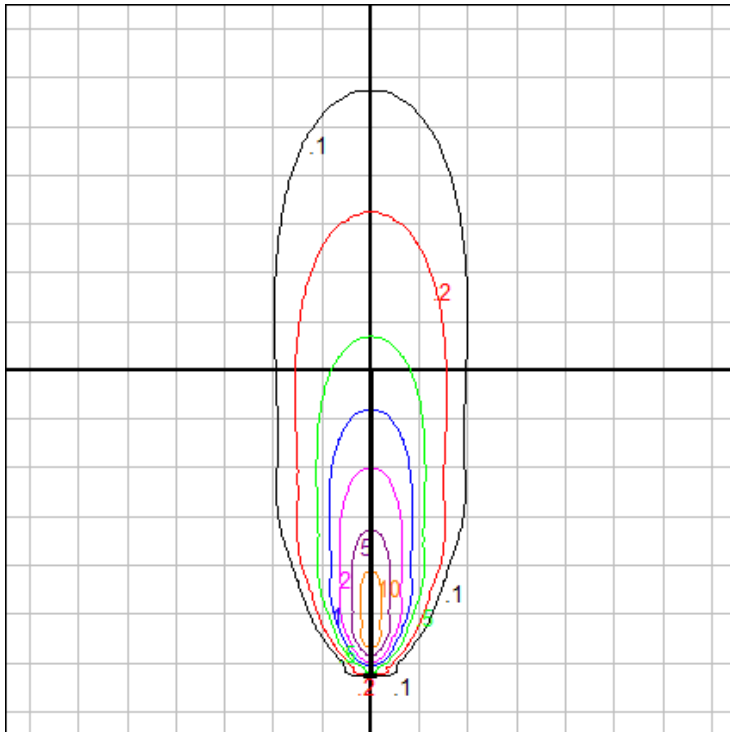


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	7539.1
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	22.5
Vertical Beam Angle (50%)	22.5
Horizontal Field Angle (10%)	41.2
Vertical Field Angle (10%)	41.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	650
Beam Efficiency	N.A.
Field Lumens	1141
Field Efficiency	N.A.
Spill Lumens	322
Luminaire Lumens	1463
Total Efficiency	N.A.
Total Luminaire Watts	13
Ballast Factor	1.00

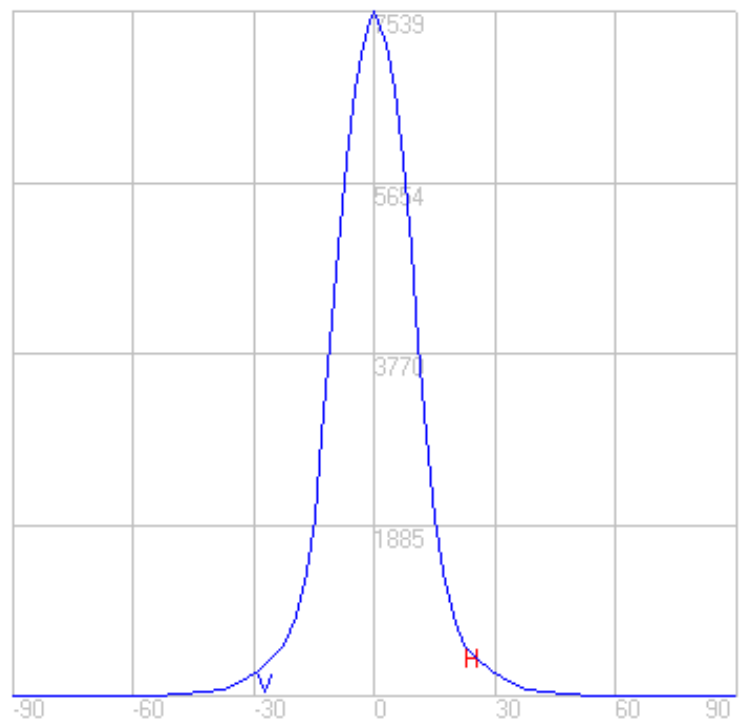
Zonal Lumen Summary

Zone	Lumens
0-10	565.58
10-20	577.75
20-30	205.44
30-40	80.40
40-50	24.26
50-60	7.94
60-70	2.76
70-80	1.32
80-90	1.20
90-100	0.23
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: 4 ft.



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

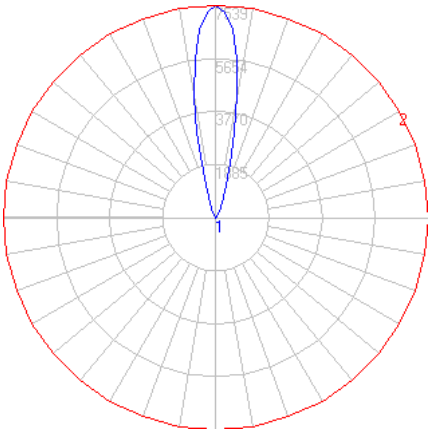
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File: 84555K35_BEGA_IES.ies

TEST: 84555K4
TEST LAB: BEGA
DATE: 06/23/20
LUMINAIRE: 84555K35
LAMP: 11.5W LED

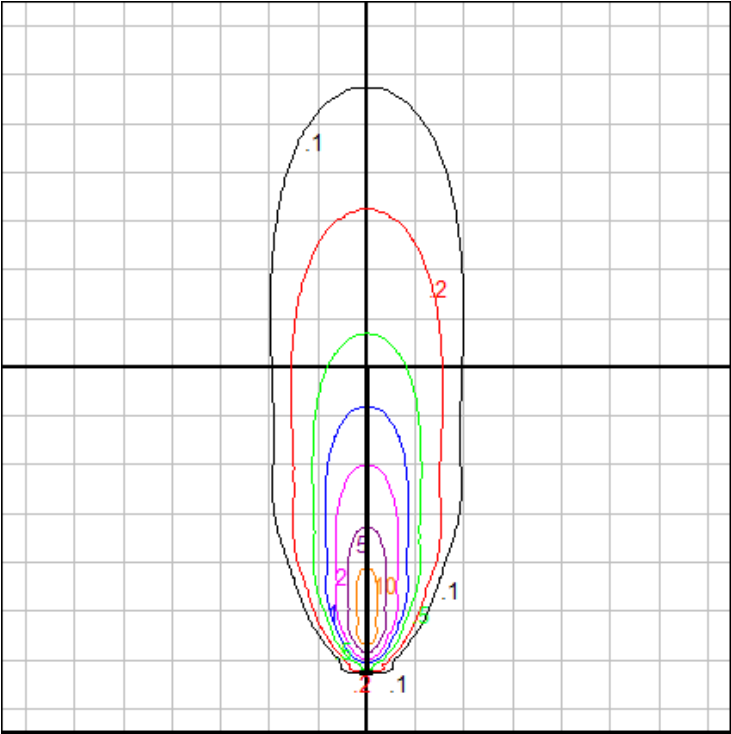


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	7539.1
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	22.5
Vertical Beam Angle (50%)	22.5
Horizontal Field Angle (10%)	41.2
Vertical Field Angle (10%)	41.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	650
Beam Efficiency	N.A.
Field Lumens	1141
Field Efficiency	N.A.
Spill Lumens	322
Luminaire Lumens	1463
Total Efficiency	N.A.
Total Luminaire Watts	13
Ballast Factor	1.00

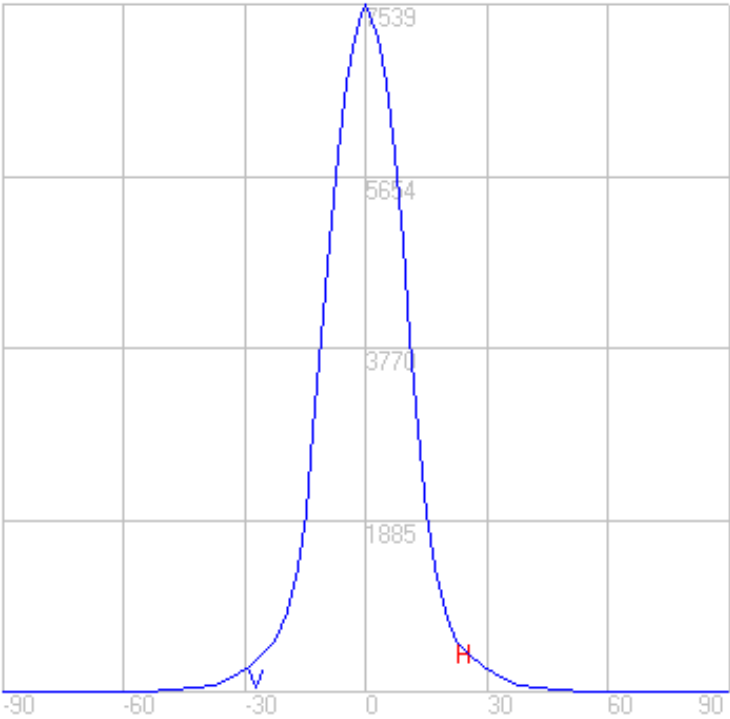
Zonal Lumen Summary

Zone	Lumens
0-10	565.58
10-20	577.75
20-30	205.44
30-40	80.40
40-50	24.26
50-60	7.94
60-70	2.76
70-80	1.32
80-90	1.20
90-100	0.23
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: 4 ft.



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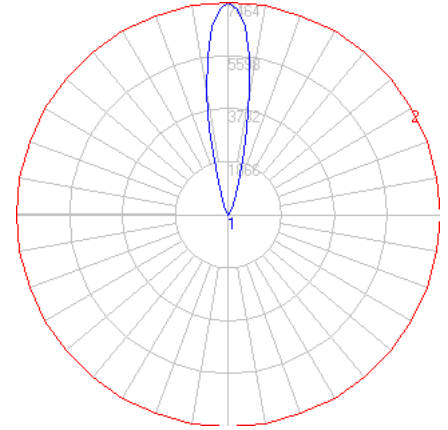
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File: 84555K3_BEGA_IES.ies

TEST: 84555K4
TEST LAB: BEGA
DATE: 06/23/20
LUMINAIRE: 84555K3
LAMP: 11.5W LED

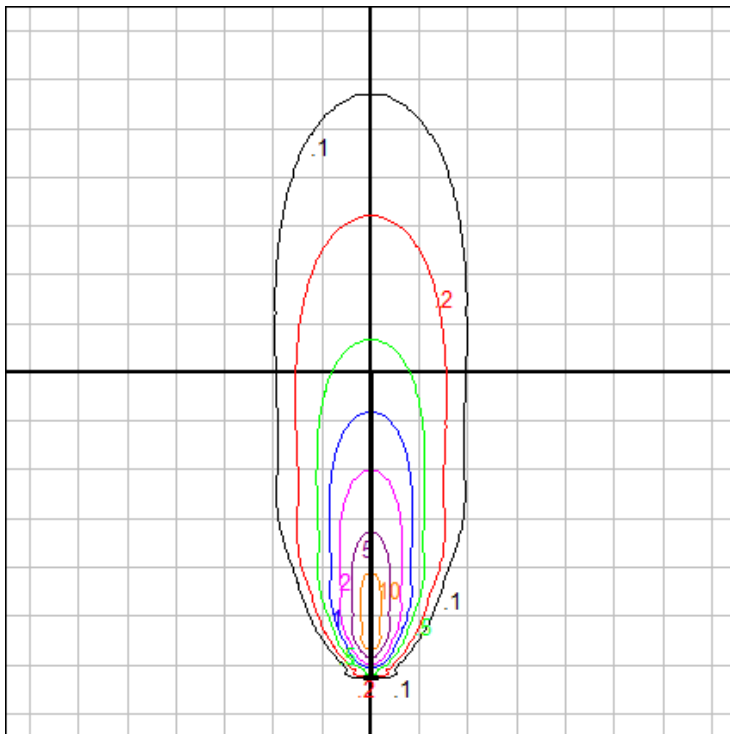


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	7463.709
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	22.5
Vertical Beam Angle (50%)	22.5
Horizontal Field Angle (10%)	41.2
Vertical Field Angle (10%)	41.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	643
Beam Efficiency	N.A.
Field Lumens	1130
Field Efficiency	N.A.
Spill Lumens	319
Luminaire Lumens	1449
Total Efficiency	N.A.
Total Luminaire Watts	13
Ballast Factor	1.00

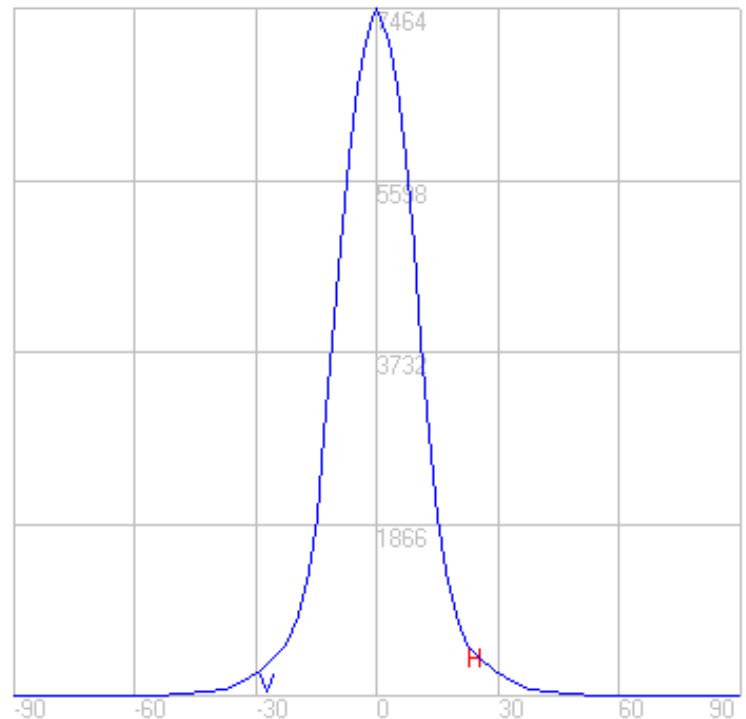
Zonal Lumen Summary

Zone	Lumens
0-10	559.93
10-20	571.97
20-30	203.39
30-40	79.60
40-50	24.02
50-60	7.86
60-70	2.73
70-80	1.31
80-90	1.19
90-100	0.23
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: 4 ft.



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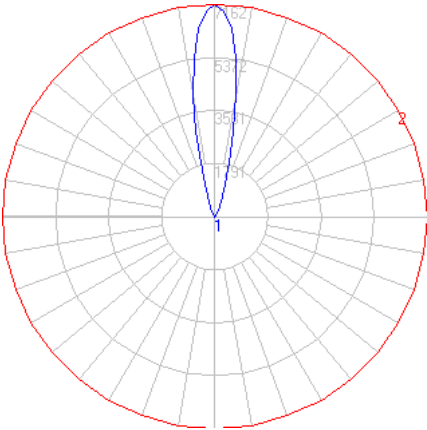
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File: 84554K27_BEGA_IES.ies

TEST: 84554K4
TEST LAB: BEGA
DATE: 06/23/20
LUMINAIRE: 84555K27
LAMP: 11.5W LED

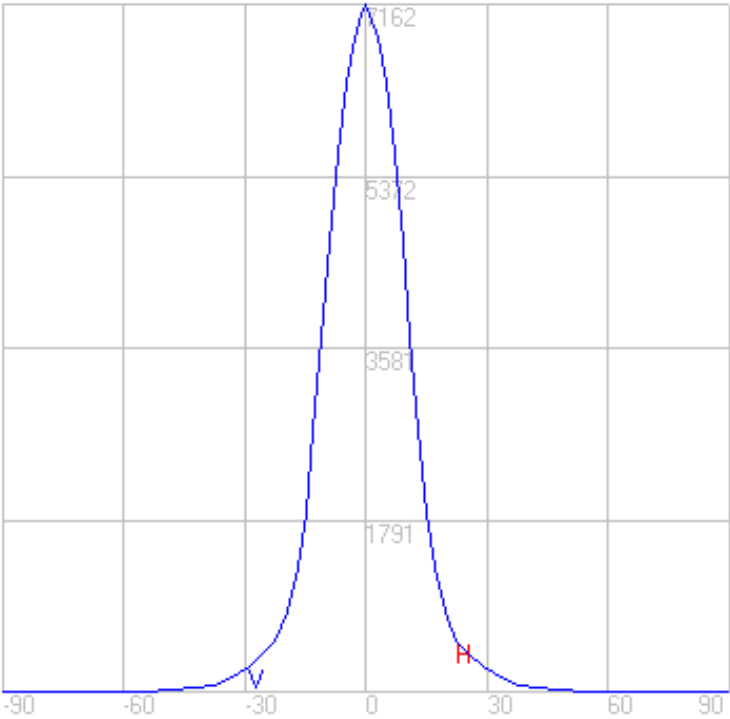
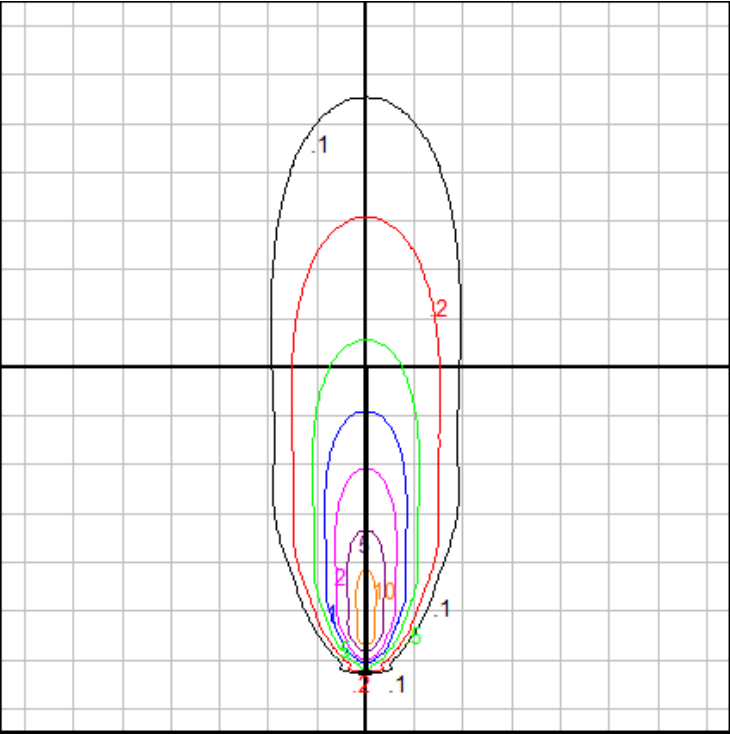


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	7162.145
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	22.5
Vertical Beam Angle (50%)	22.5
Horizontal Field Angle (10%)	41.2
Vertical Field Angle (10%)	41.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	617
Beam Efficiency	N.A.
Field Lumens	1084
Field Efficiency	N.A.
Spill Lumens	306
Luminaire Lumens	1390
Total Efficiency	N.A.
Total Luminaire Watts	13
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	537.31
10-20	548.86
20-30	195.17
30-40	76.38
40-50	23.05
50-60	7.55
60-70	2.62
70-80	1.26
80-90	1.14
90-100	0.22
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: 4 ft.

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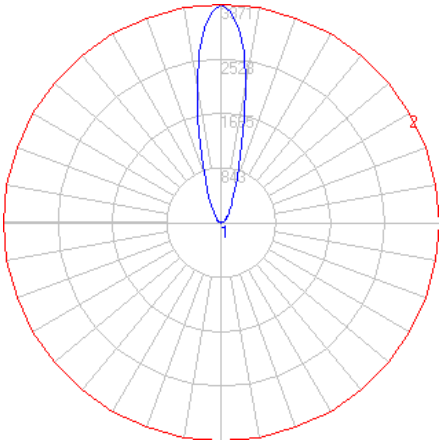
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File: 84555K4_NSL_BEGA_IES.ies

TEST: 84555RK4
TEST LAB: BEGA
DATE: 06/23/20
LUMINAIRE: 84555K4 + Non Skid Lens
LAMP: 11.5W LED

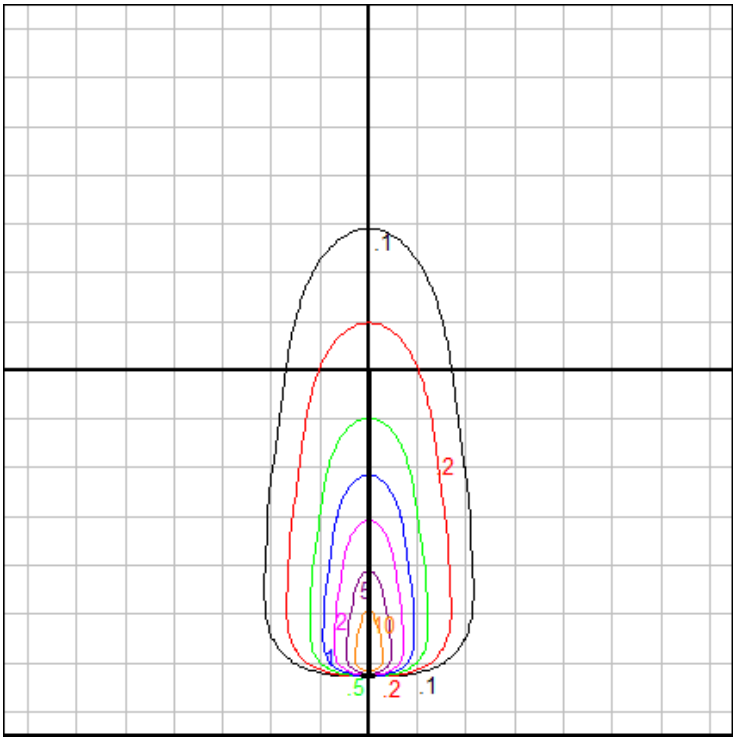


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	3370.7
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	25.0
Vertical Beam Angle (50%)	25.0
Horizontal Field Angle (10%)	57.9
Vertical Field Angle (10%)	57.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	356
Beam Efficiency	N.A.
Field Lumens	809
Field Efficiency	N.A.
Spill Lumens	415
Luminaire Lumens	1224
Total Efficiency	N.A.
Total Luminaire Watts	13
Ballast Factor	1.00

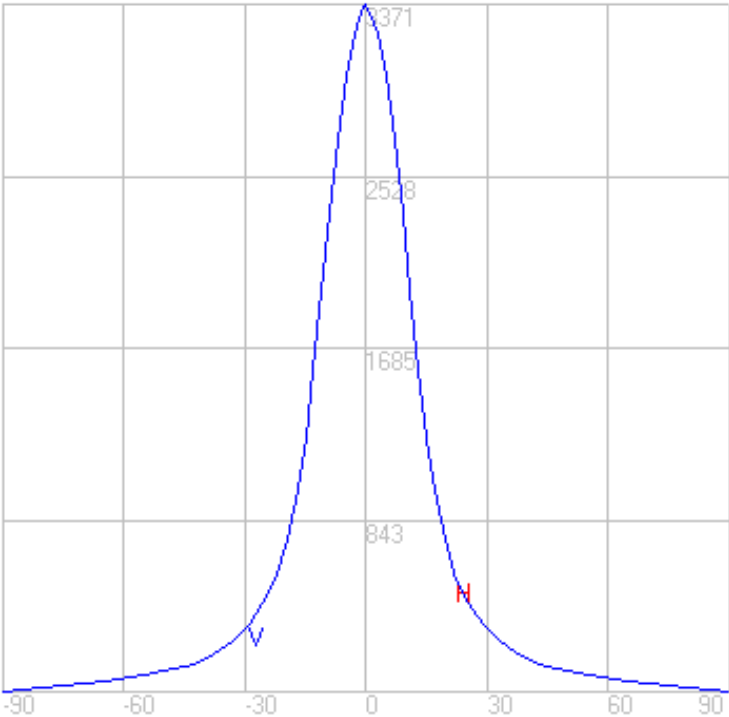
Zonal Lumen Summary

Zone	Lumens
0-10	261.00
10-20	352.58
20-30	212.68
30-40	137.34
40-50	95.53
50-60	71.66
60-70	52.30
70-80	31.88
80-90	10.75
90-100	0.05
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: 4 ft.



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