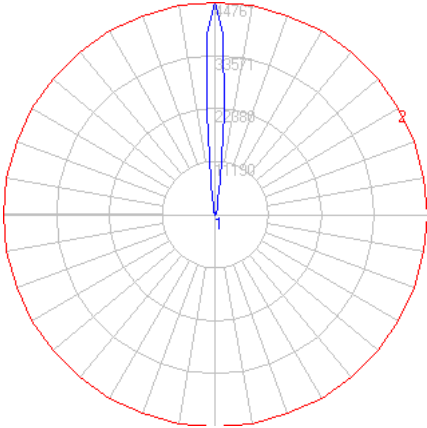


BEGA

File: 84901K4_BEGA_IES.ies

TEST: BE_84901K4
TEST LAB: BEGA
DATE: 11/30/2021
LUMINAIRE: 84901K4
LAMP: 43.3W LED

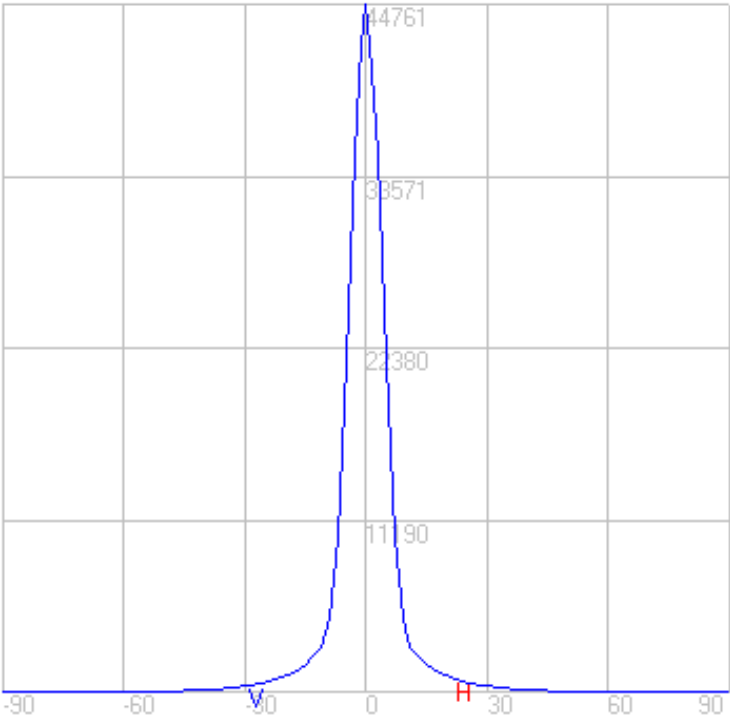
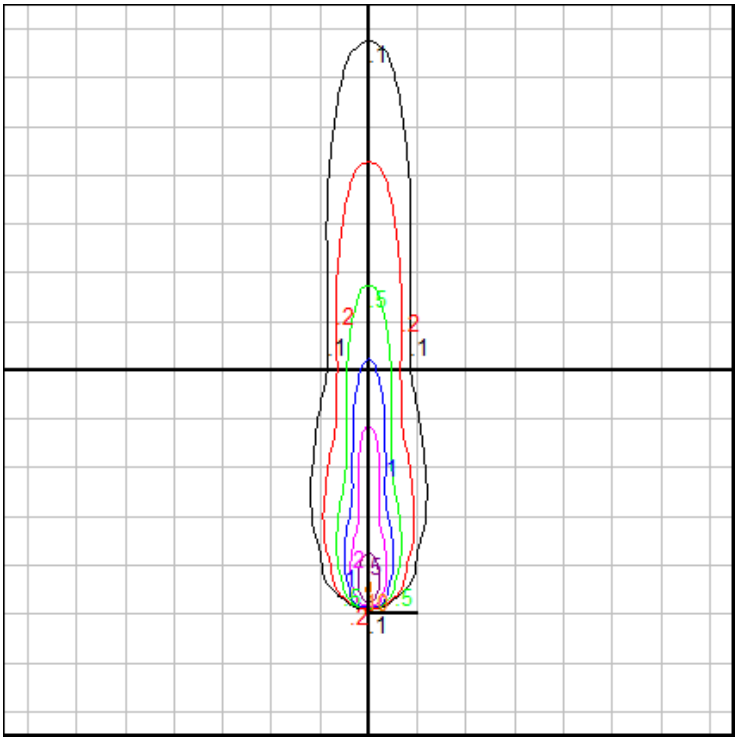


Characteristics

NEMA Type	2 H x 2 V
Maximum Candela	44760.9
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	9.8
Vertical Beam Angle (50%)	9.8
Horizontal Field Angle (10%)	18.7
Vertical Field Angle (10%)	18.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	780
Beam Efficiency	N.A.
Field Lumens	1344
Field Efficiency	N.A.
Spill Lumens	1065
Luminaire Lumens	2409
Total Efficiency	N.A.
Total Luminaire Watts	50
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	1433.42
10-20	511.10
20-30	282.96
30-40	126.40
40-50	56.45
50-60	28.37
60-70	2.62
70-80	0.00
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: 2 ft.

Grid Spacing: 8 ft.

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

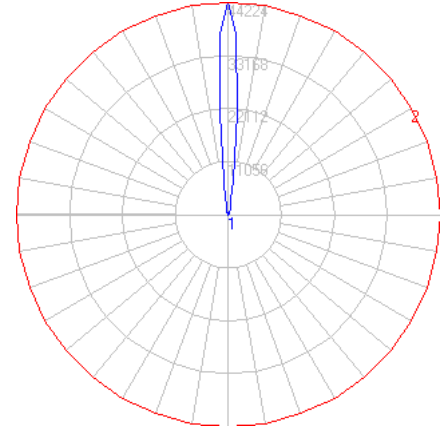
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BEGA

File: 84901K35_BEGA_IES.ies

TEST: BE_84901K4
TEST LAB: BEGA
DATE: 11/30/2021
LUMINAIRE: 84901K35
LAMP: 43.3W LED

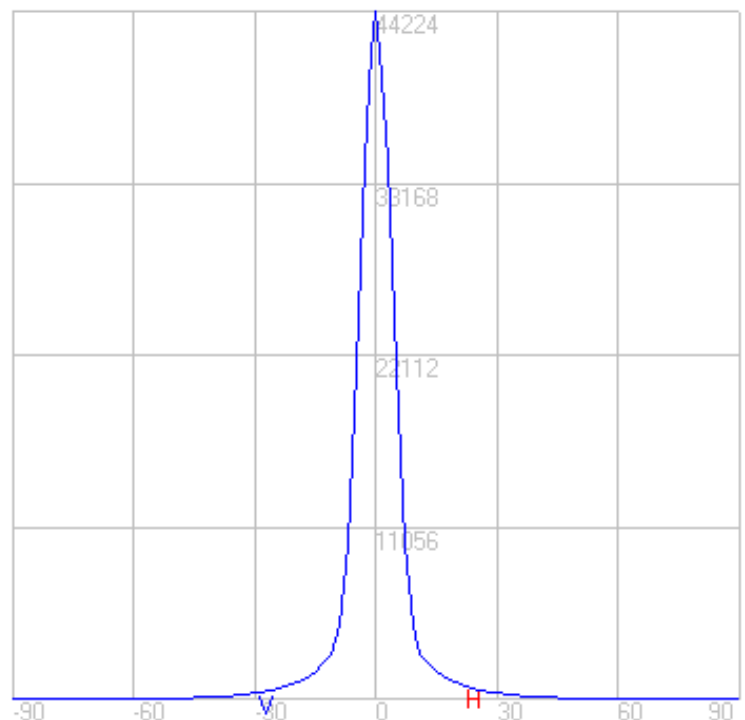
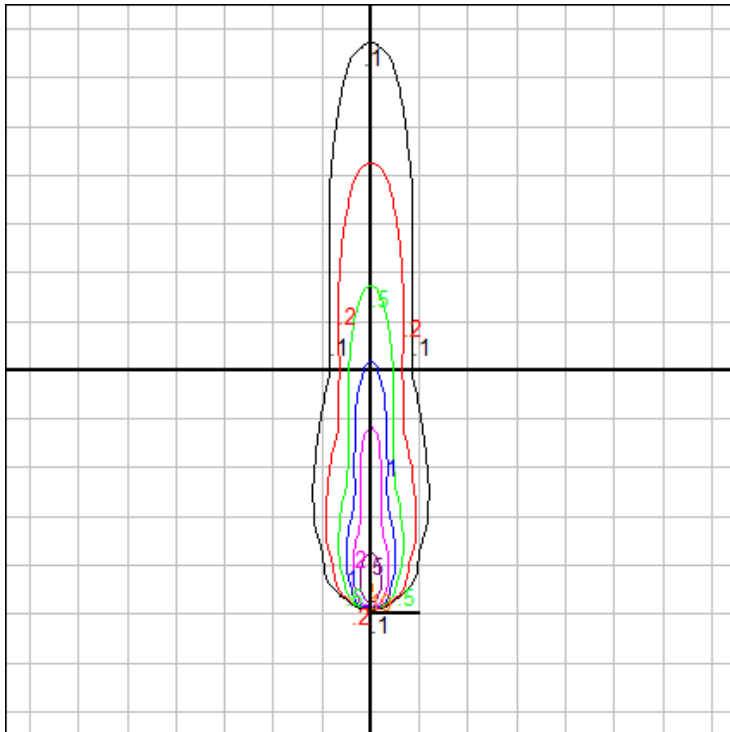


Characteristics

NEMA Type	2 H x 2 V
Maximum Candela	44223.768
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	9.8
Vertical Beam Angle (50%)	9.8
Horizontal Field Angle (10%)	18.7
Vertical Field Angle (10%)	18.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	771
Beam Efficiency	N.A.
Field Lumens	1328
Field Efficiency	N.A.
Spill Lumens	1052
Luminaire Lumens	2380
Total Efficiency	N.A.
Total Luminaire Watts	50
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	1416.22
10-20	504.97
20-30	279.56
30-40	124.88
40-50	55.78
50-60	28.03
60-70	2.59
70-80	0.00
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: 2 ft.

Grid Spacing: 8 ft.

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

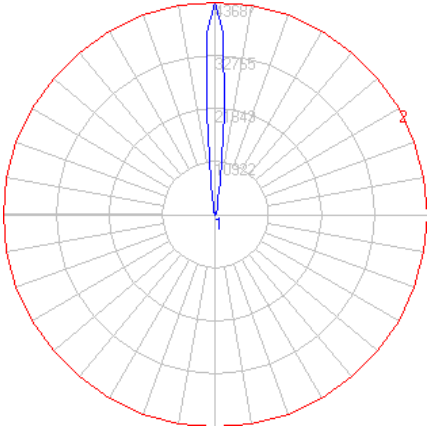
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BEGA

File: 84901K3_BEGA_IES.ies

TEST: BE_84901K4
TEST LAB: BEGA
DATE: 11/30/2021
LUMINAIRE: 84901K3
LAMP: 43.3W LED

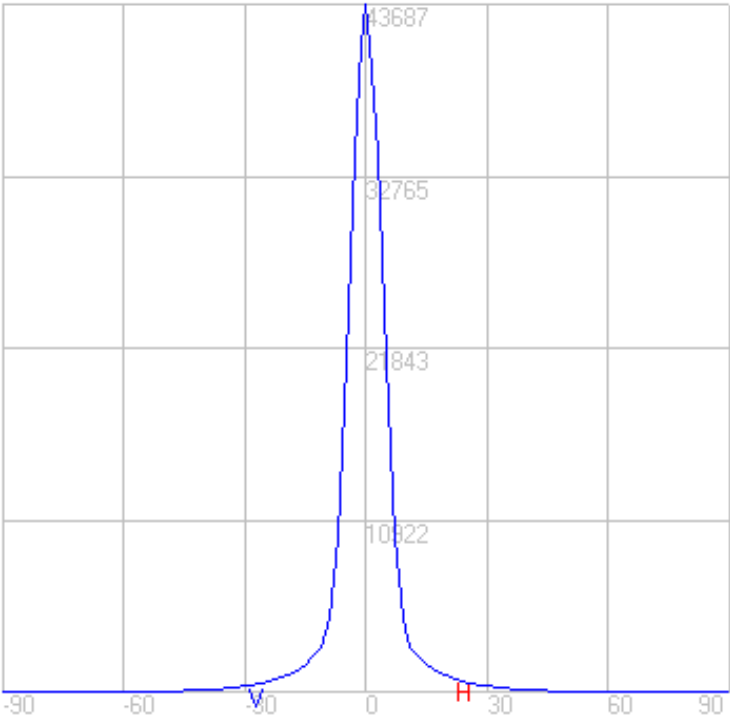
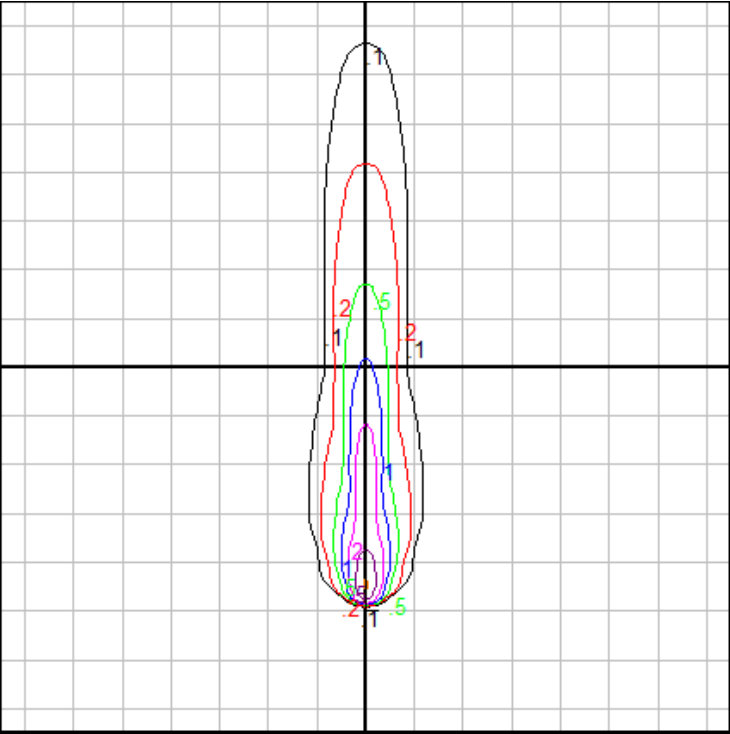


Characteristics

NEMA Type	2 H x 2 V
Maximum Candela	43686.639
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	9.8
Vertical Beam Angle (50%)	9.8
Horizontal Field Angle (10%)	18.7
Vertical Field Angle (10%)	18.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	762
Beam Efficiency	N.A.
Field Lumens	1312
Field Efficiency	N.A.
Spill Lumens	1039
Luminaire Lumens	2351
Total Efficiency	N.A.
Total Luminaire Watts	50
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	1399.02
10-20	498.83
20-30	276.17
30-40	123.36
40-50	55.10
50-60	27.69
60-70	2.56
70-80	0.00
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

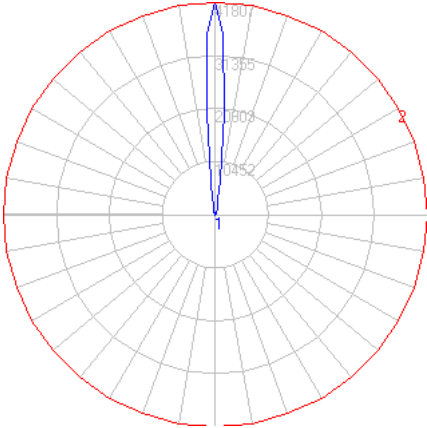


Setback Distance: 2 ft. Grid Spacing: 6 ft.

BEGA

File: 84901K27_BEGA_IES.ies

TEST: BE_84901K4
TEST LAB: BEGA
DATE: 11/30/2021
LUMINAIRE: 84901K27
LAMP: 43.3W LED

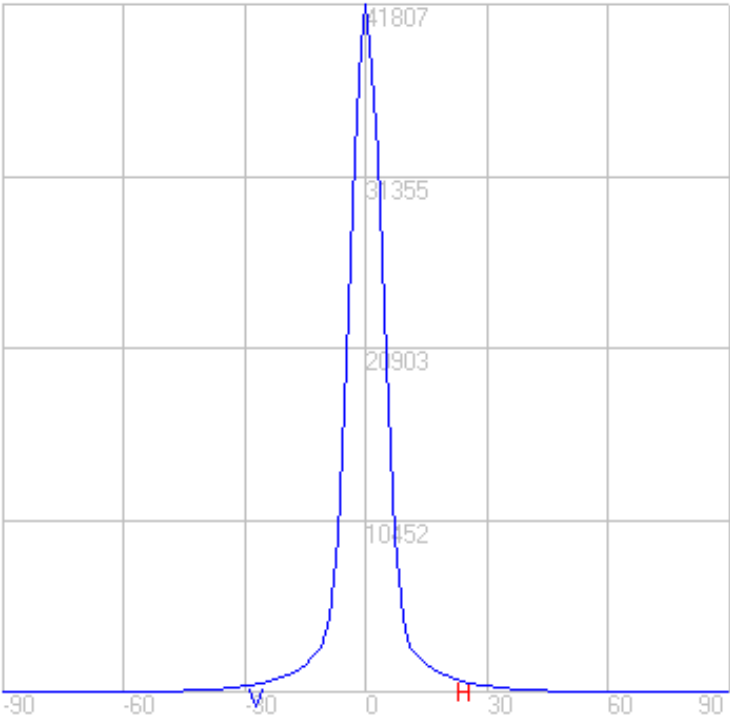
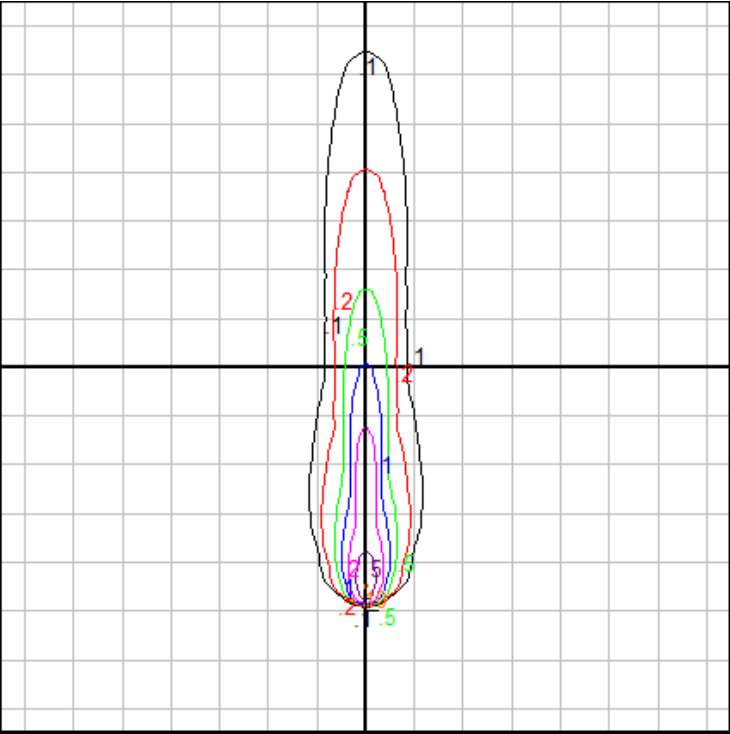


Characteristics

NEMA Type	2 H x 2 V
Maximum Candela	41806.681
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	9.8
Vertical Beam Angle (50%)	9.8
Horizontal Field Angle (10%)	18.7
Vertical Field Angle (10%)	18.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	729
Beam Efficiency	N.A.
Field Lumens	1256
Field Efficiency	N.A.
Spill Lumens	994
Luminaire Lumens	2250
Total Efficiency	N.A.
Total Luminaire Watts	50
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	1338.82
10-20	477.37
20-30	264.28
30-40	118.06
40-50	52.73
50-60	26.50
60-70	2.45
70-80	0.00
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: 2 ft.

Grid Spacing: 8 ft.

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

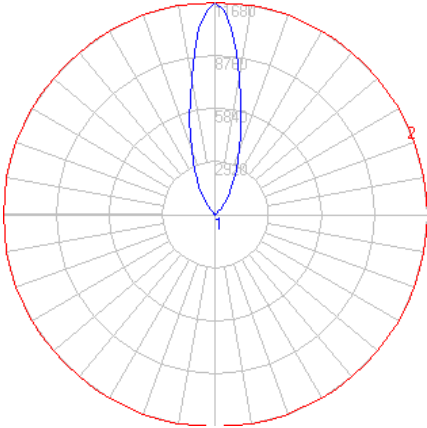
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BEGA

File: 84901K4_10019_BEGA_IES.ies

TEST: BE_84901K4
TEST LAB: BEGA
DATE: 11/30/2021
LUMINAIRE: 84901K4 + 10019 Spread Lens
LAMP: 43.3W LED

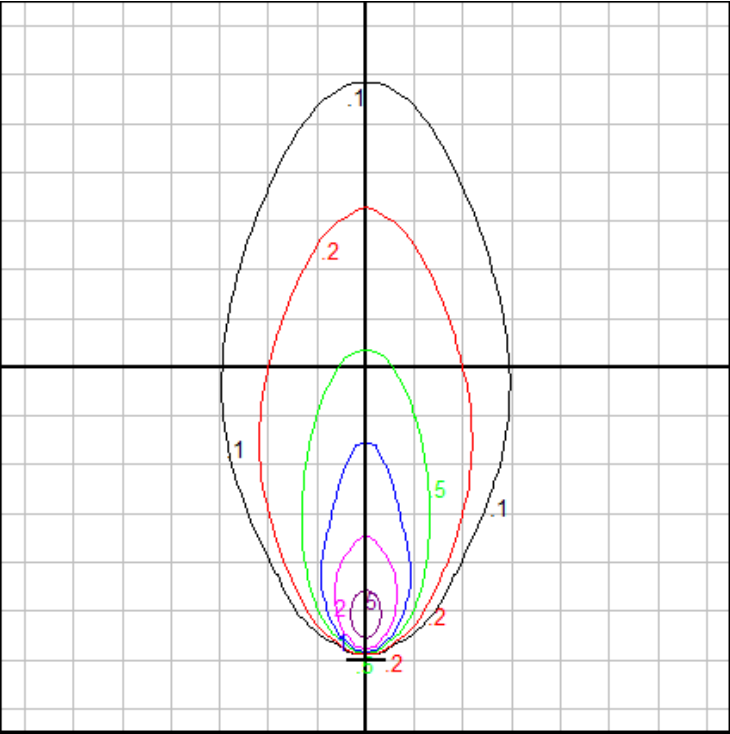


Characteristics

NEMA Type	3 H x 4 V
Maximum Candela	11679.6
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	9.8
Vertical Beam Angle (50%)	28.2
Horizontal Field Angle (10%)	29.1
Vertical Field Angle (10%)	69.0
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	525
Beam Efficiency	N.A.
Field Lumens	1304
Field Efficiency	N.A.
Spill Lumens	604
Luminaire Lumens	1908
Total Efficiency	N.A.
Total Luminaire Watts	50
Ballast Factor	1.00

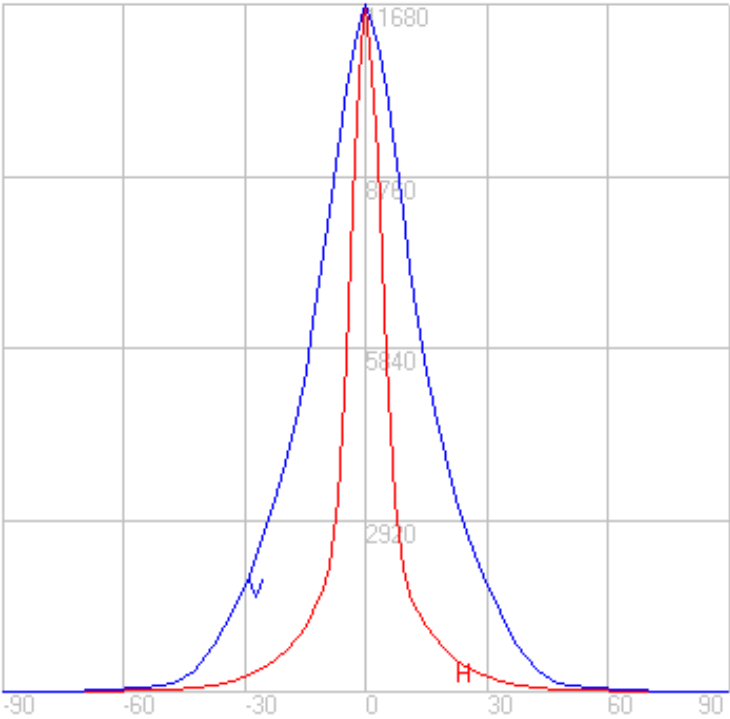
Zonal Lumen Summary

Zone	Lumens
0-10	614.99
10-20	606.86
20-30	385.33
30-40	193.65
40-50	75.64
50-60	29.30
60-70	5.90
70-80	0.24
80-90	0.10
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: 2ft.

Grid Spacing: 5 ft.



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