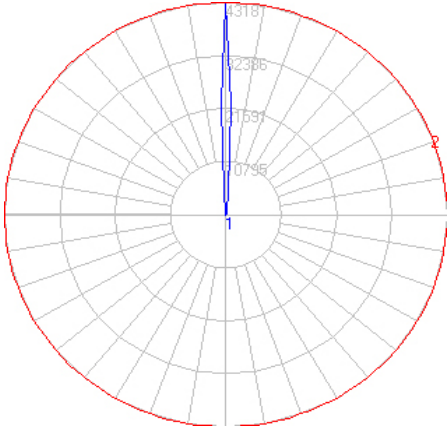


BEGA

File: 85041K4_BEGA_IES.ies

TEST: 85041K4
TEST LAB: BEGA
DATE: 05/30/2025
LUMINAIRE: 85041K4
LAMP: 12.8W LED

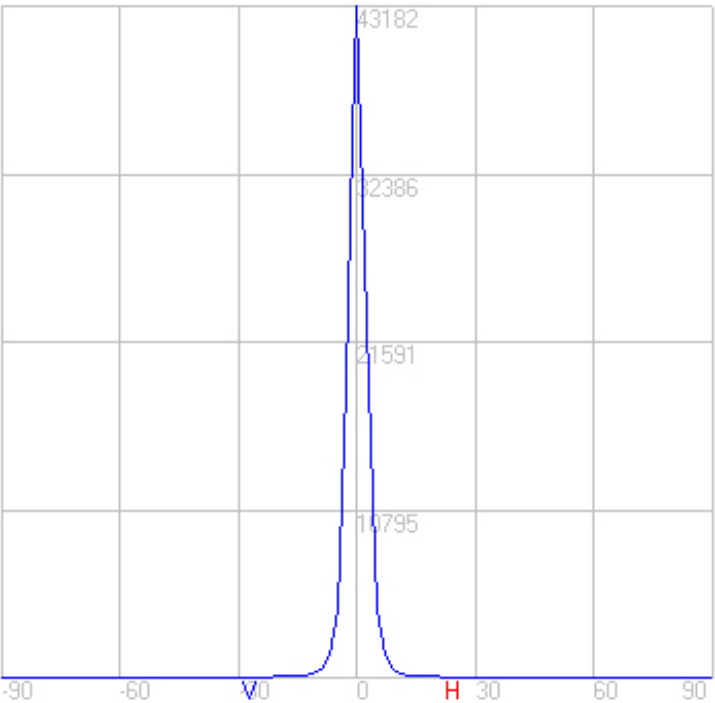
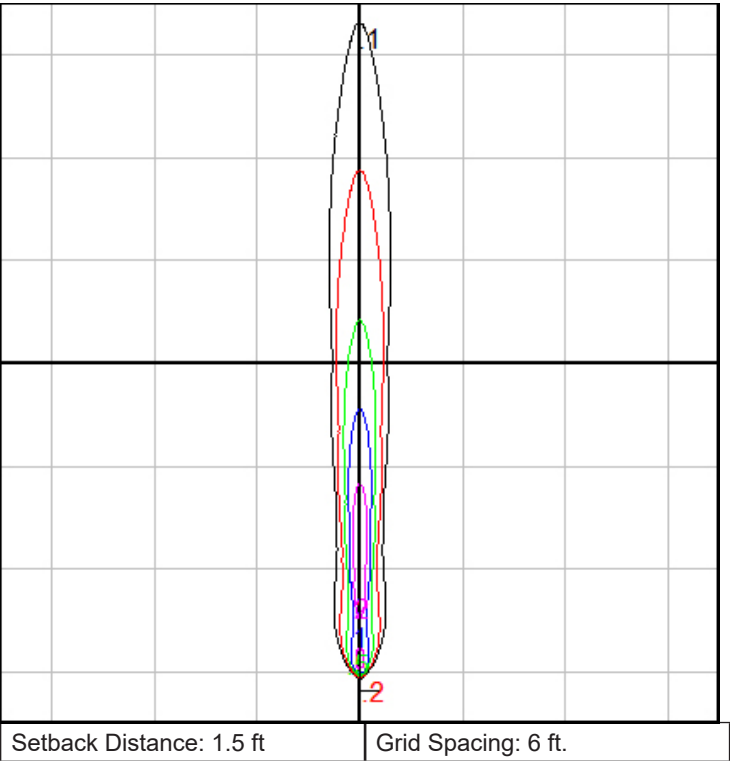


Characteristics

NEMA Type	1 H x 1 V
Maximum Candela	43181.602
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	5.3
Vertical Beam Angle (50%)	5.3
Horizontal Field Angle (10%)	10.1
Vertical Field Angle (10%)	10.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	169
Beam Efficiency	N.A.
Field Lumens	424
Field Efficiency	N.A.
Spill Lumens	134
Luminaire Lumens	558
Total Efficiency	N.A.
Total Luminaire Watts	18
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	537.27
10-20	40.79
20-30	12.45
30-40	1.10
40-50	0.07
50-60	0.00
60-70	0.00
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

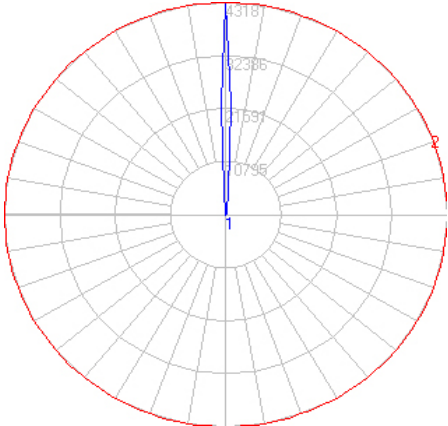


Setback Distance: 1.5 ft Grid Spacing: 6 ft.

BEGA

File: 85041K35_BEGA_IES.ies

TEST: 85041K35
TEST LAB: BEGA
DATE: 05/30/2025
LUMINAIRE: 85041K35
LAMP: 12.8W LED

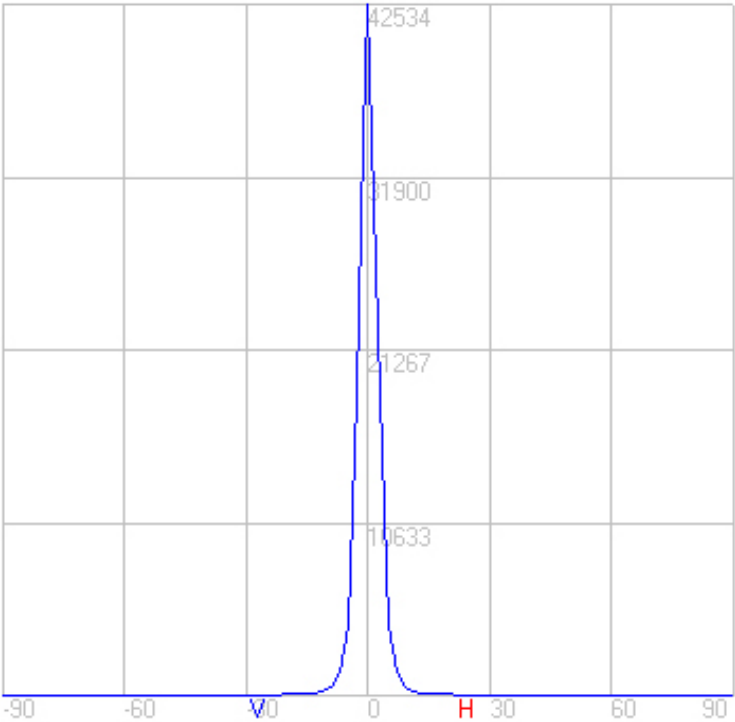
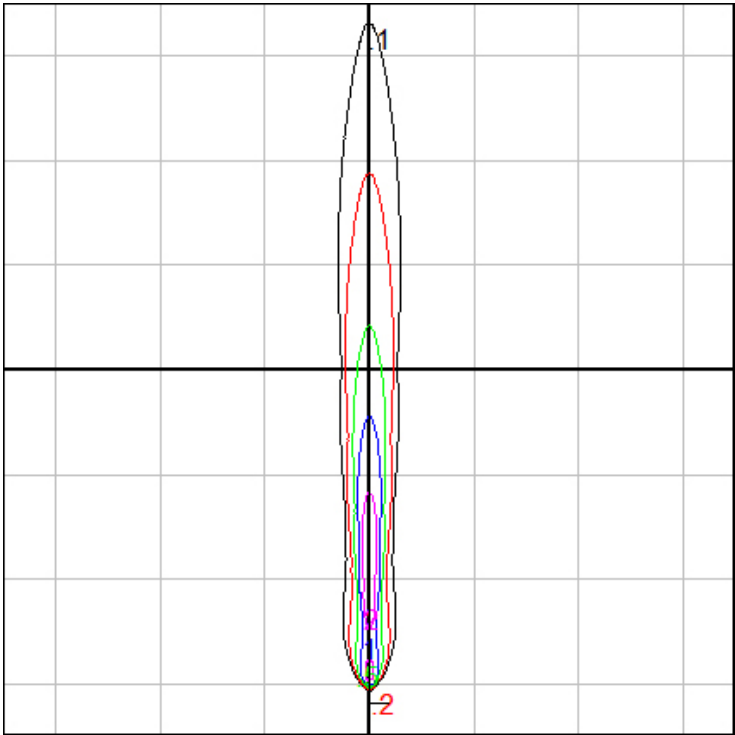


Characteristics

NEMA Type	1 H x 1 V
Maximum Candela	42533.878
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	5.3
Vertical Beam Angle (50%)	5.3
Horizontal Field Angle (10%)	10.1
Vertical Field Angle (10%)	10.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	167
Beam Efficiency	N.A.
Field Lumens	418
Field Efficiency	N.A.
Spill Lumens	132
Luminaire Lumens	550
Total Efficiency	N.A.
Total Luminaire Watts	18
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	529.21
10-20	40.18
20-30	12.27
30-40	1.09
40-50	0.06
50-60	0.00
60-70	0.00
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: 1.5 ft

Grid Spacing: 6 ft.

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

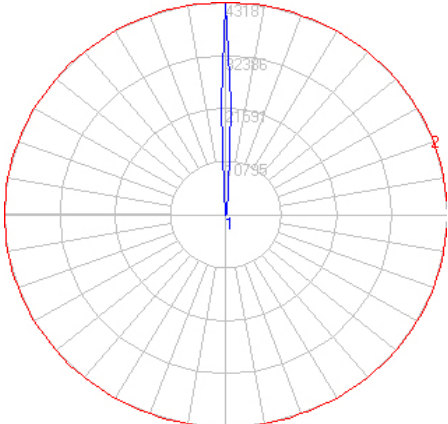
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2025

05/30/2025

BEGA

File: 85041K3_BEGA_IES.ies

TEST: 85041K3
TEST LAB: BEGA
DATE: 05/30/2025
LUMINAIRE: 85041K3
LAMP: 12.8W LED

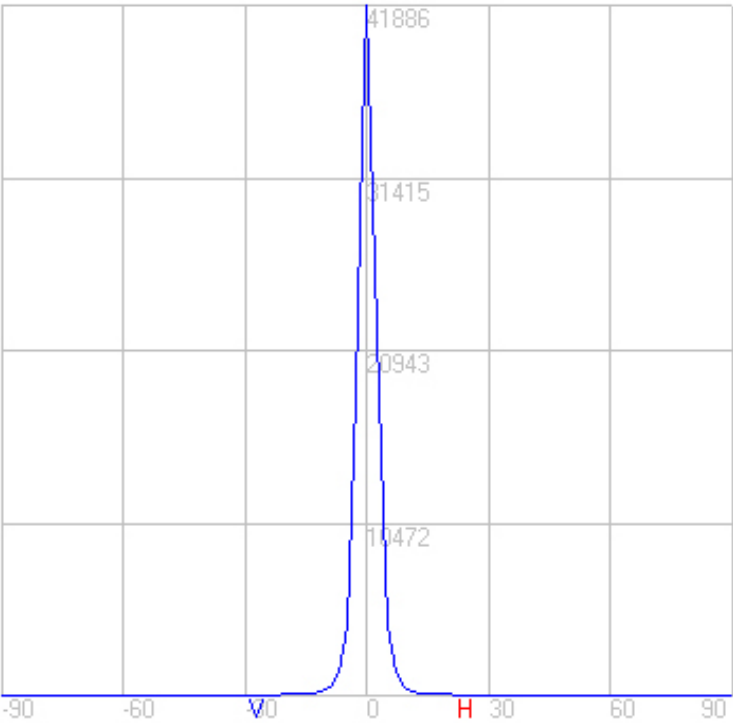
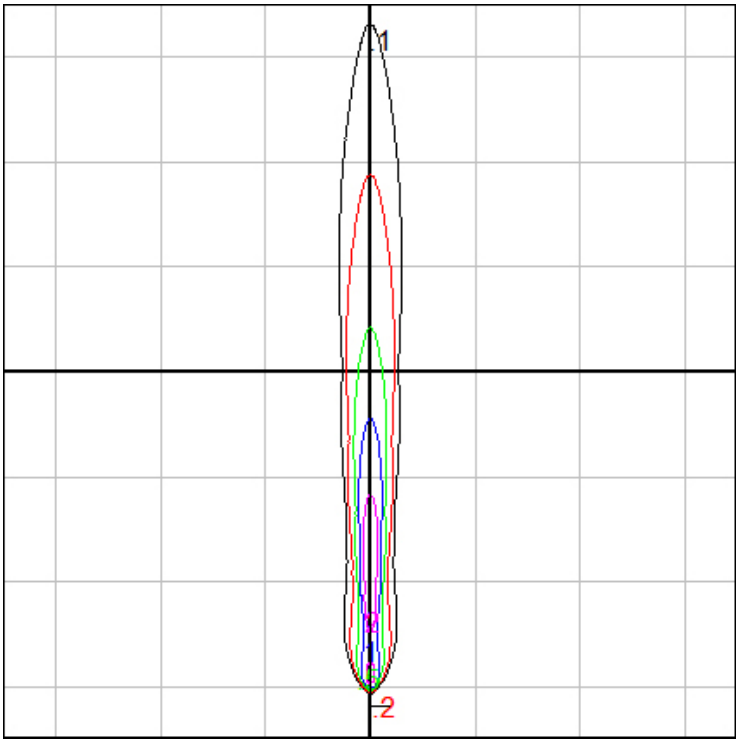


Characteristics

NEMA Type	1 H x 1 V
Maximum Candela	41886.155
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	5.3
Vertical Beam Angle (50%)	5.3
Horizontal Field Angle (10%)	10.1
Vertical Field Angle (10%)	10.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	164
Beam Efficiency	N.A.
Field Lumens	411
Field Efficiency	N.A.
Spill Lumens	130
Luminaire Lumens	541
Total Efficiency	N.A.
Total Luminaire Watts	18
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	521.15
10-20	39.56
20-30	12.08
30-40	1.07
40-50	0.06
50-60	0.00
60-70	0.00
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: 1.5 ft

Grid Spacing: 6 ft.

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

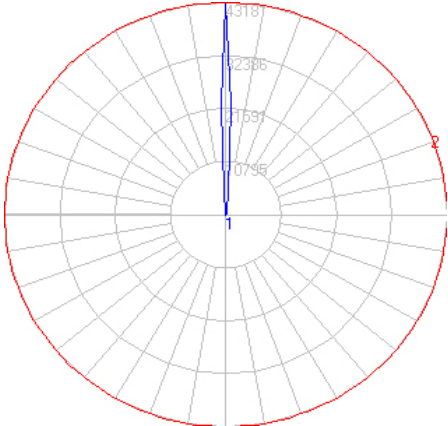
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05/30/2025

BEGA

File: 85041K27_BEGA_IES.ies

TEST: 85041K27
TEST LAB: BEGA
DATE: 05/30/2025
LUMINAIRE: 85041K27
LAMP: 12.8W LED

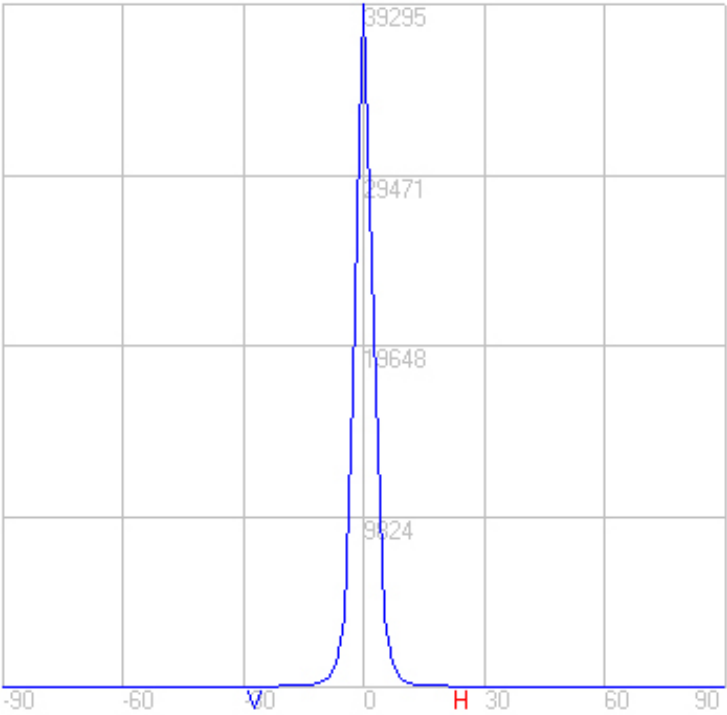
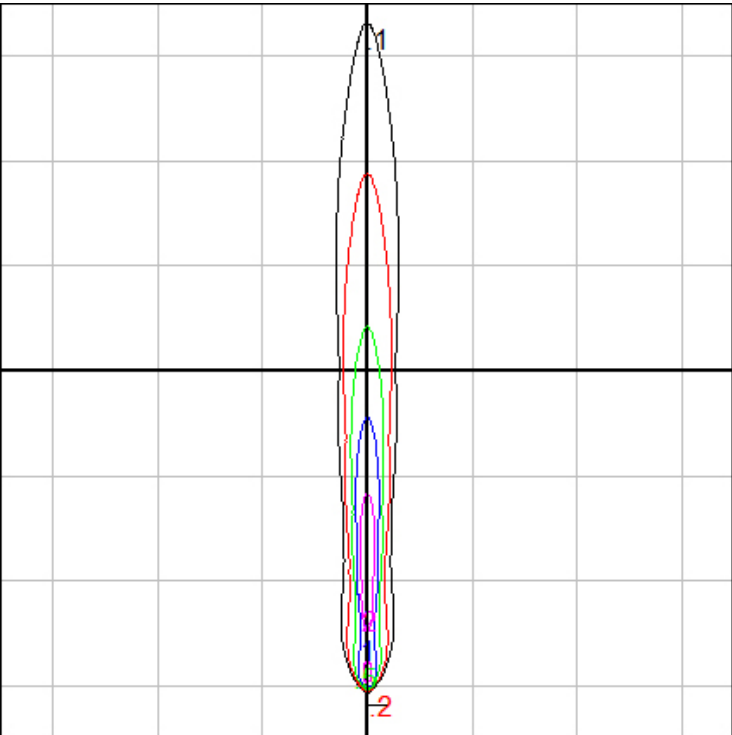


Characteristics

NEMA Type	1 H x 1 V
Maximum Candela	39295.259
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	5.3
Vertical Beam Angle (50%)	5.3
Horizontal Field Angle (10%)	10.1
Vertical Field Angle (10%)	10.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	154
Beam Efficiency	N.A.
Field Lumens	386
Field Efficiency	N.A.
Spill Lumens	122
Luminaire Lumens	508
Total Efficiency	N.A.
Total Luminaire Watts	18
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	537.27
10-20	40.79
20-30	12.45
30-40	1.10
40-50	0.07
50-60	0.00
60-70	0.00
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

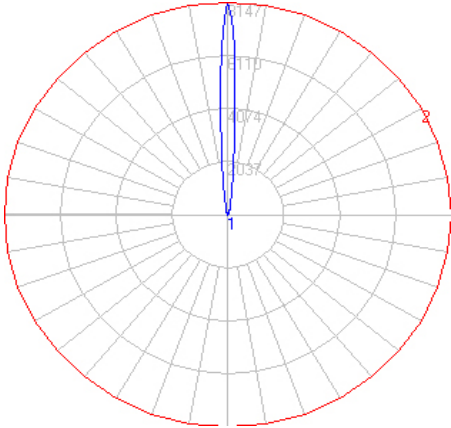


Setback Distance: 1.5 ft Grid Spacing: 6 ft.

BEGA

File: 85041K4_NSL_BEGA_IES.ies

TEST: 85041RK4
TEST LAB: BEGA
DATE: 05/30/2025
LUMINAIRE: 85041K4 + Non Skid Lens
LAMP: 12.8W LED

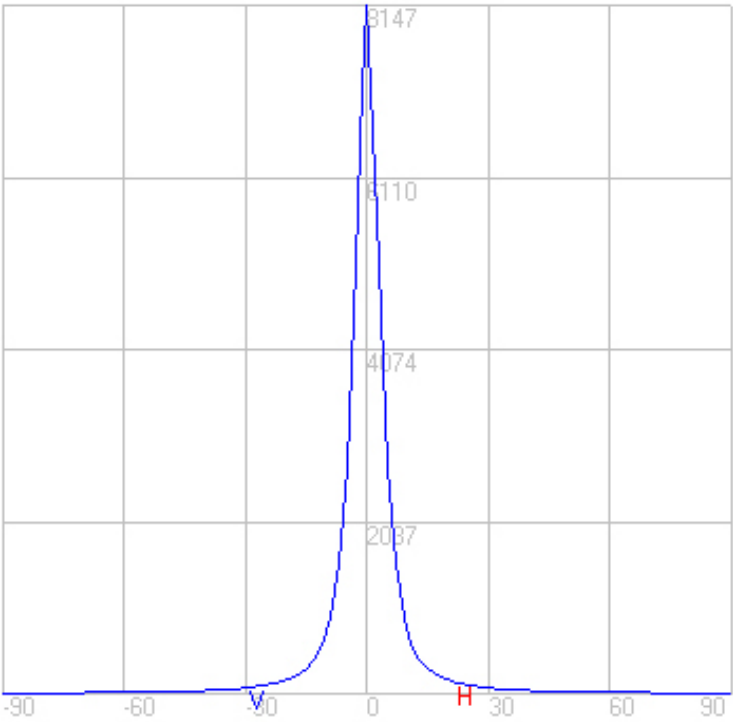
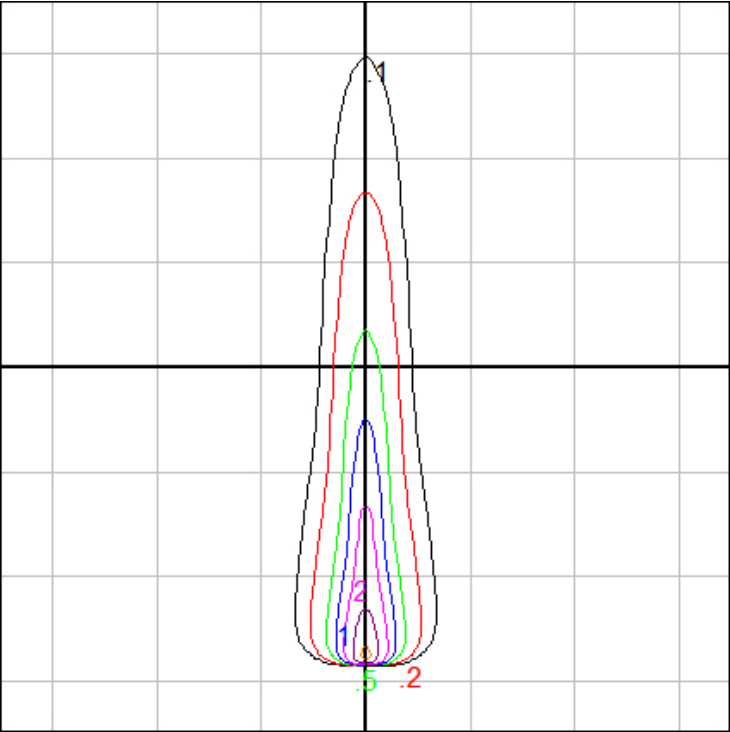


Characteristics

NEMA Type	7 H x 7 V
Maximum Candela	0
Maximum Candela Angle	0 H 180 V
Horizontal Beam Angle (50%)	180.0
Vertical Beam Angle (50%)	180.0
Horizontal Field Angle (10%)	180.0
Vertical Field Angle (10%)	180.0
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	0
Beam Efficiency	N.A.
Field Lumens	0
Field Efficiency	N.A.
Spill Lumens	0
Luminaire Lumens	0
Total Efficiency	N.A.
Total Luminaire Watts	18
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	216.13
10-20	89.86
20-30	50.96
30-40	33.35
40-50	24.28
50-60	18.59
60-70	13.86
70-80	8.83
80-90	3.13
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: 6 ft.