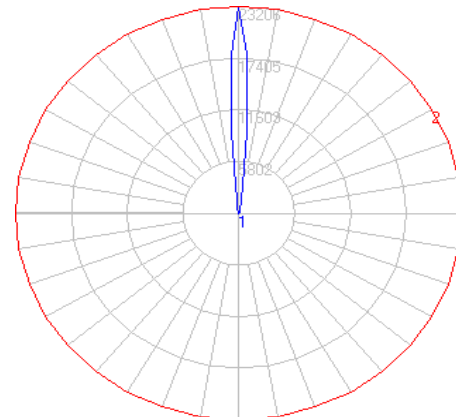


BEGA

File: 84785K4_BEGA_IES.ies

TEST: 84785K4
 TEST LAB: BEGA
 DATE: 02/11/21
 LUMINAIRE: 84785K4
 LAMP: 12.8W LED

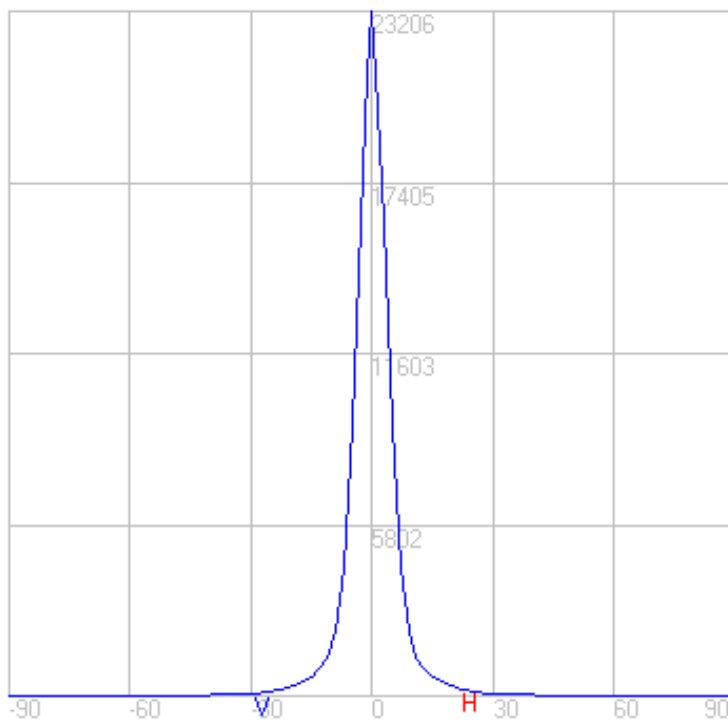
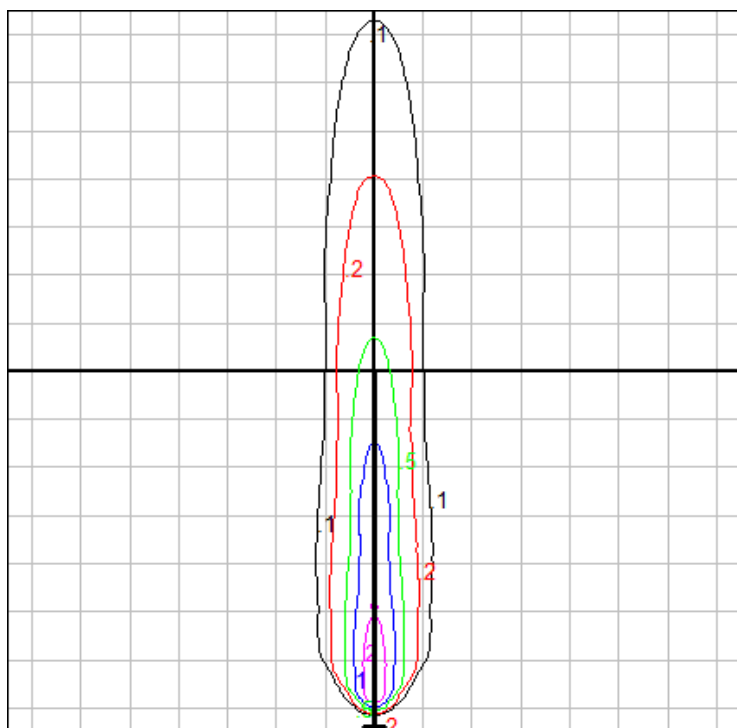


Characteristics

NEMA Type	1 H x 1 V
Maximum Candela	23206.3
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	8.6
Vertical Beam Angle (50%)	8.6
Horizontal Field Angle (10%)	17.8
Vertical Field Angle (10%)	17.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	253
Beam Efficiency	N.A.
Field Lumens	584
Field Efficiency	N.A.
Spill Lumens	360
Luminaire Lumens	944
Total Efficiency	N.A.
Total Luminaire Watts	15
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	648.27
10-20	193.23
20-30	74.12
30-40	35.81
40-50	8.49
50-60	1.55
60-70	0.01
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: 2 ft.

Grid Spacing: 5 ft.

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

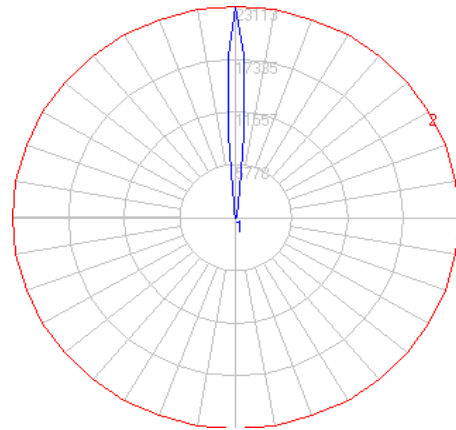
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BEGA

File: 84785K35_BEGA_IES.ies

TEST: 84785K4
 TEST LAB: BEGA
 DATE: 02/11/21
 LUMINAIRE: 84785K35
 LAMP: 12.8W LED

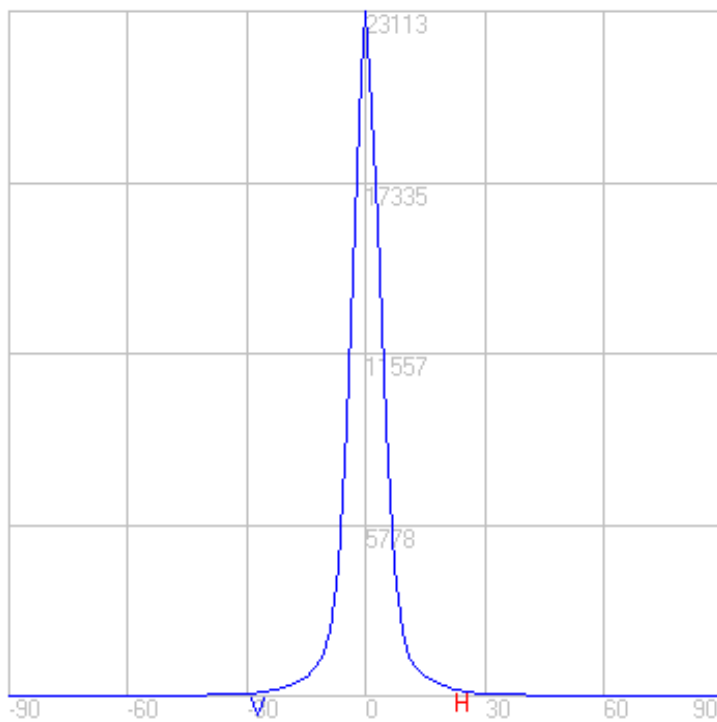
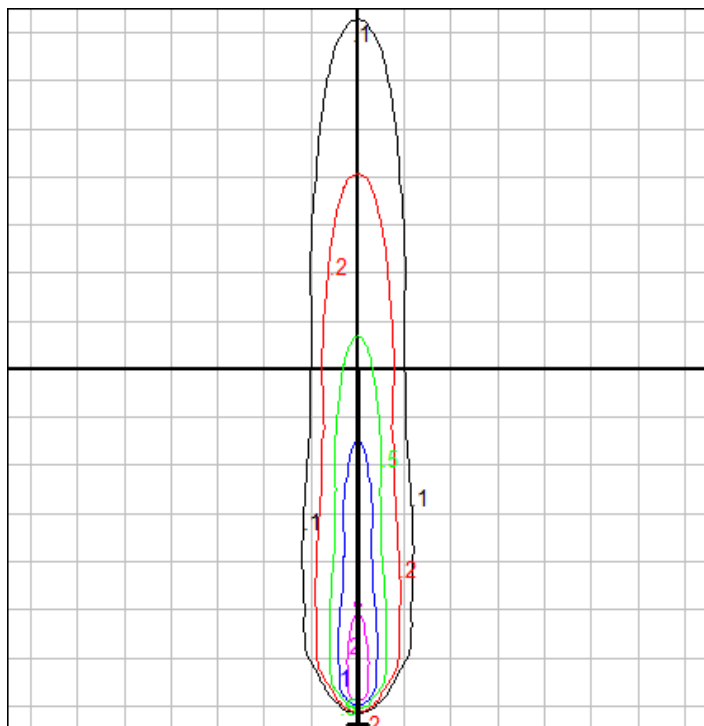


Characteristics

NEMA Type	1 H x 1 V
Maximum Candela	23113.475
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	8.6
Vertical Beam Angle (50%)	8.6
Horizontal Field Angle (10%)	17.8
Vertical Field Angle (10%)	17.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	252
Beam Efficiency	N.A.
Field Lumens	582
Field Efficiency	N.A.
Spill Lumens	359
Luminaire Lumens	940
Total Efficiency	N.A.
Total Luminaire Watts	15
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	645.68
10-20	192.46
20-30	73.83
30-40	35.67
40-50	8.45
50-60	1.54
60-70	0.01
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: 2 ft.

Grid Spacing: 5 ft.

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

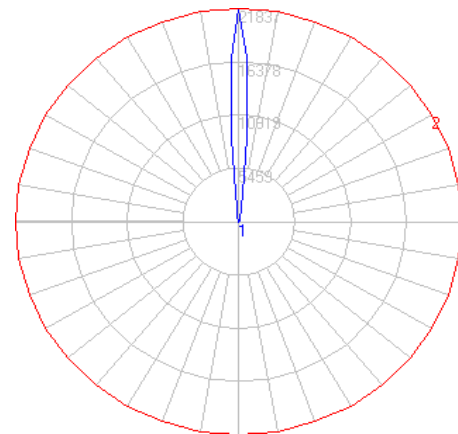
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File: 84785K3_BEGA_IES.ies

TEST: 84785K4
 TEST LAB: BEGA
 DATE: 02/11/21
 LUMINAIRE: 84785K3
 LAMP: 12.8W LED

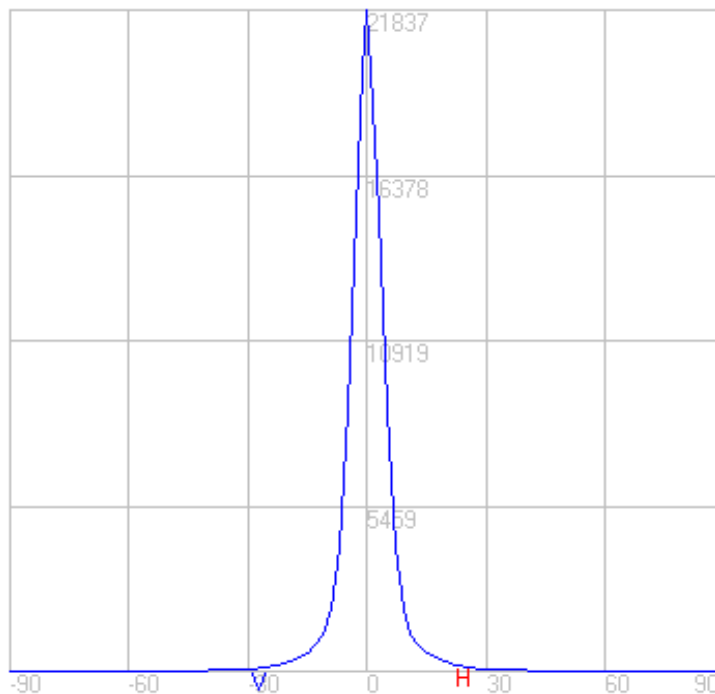
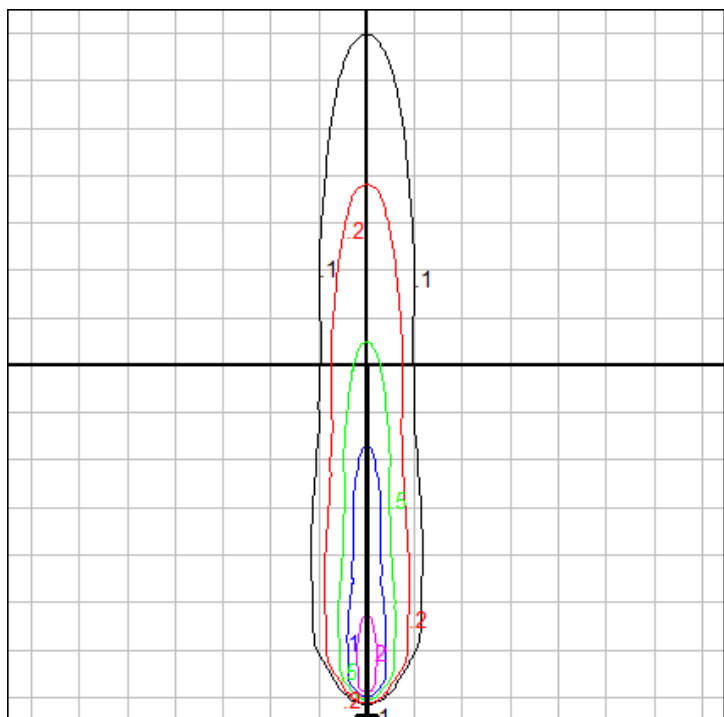


Characteristics

NEMA Type	1 H x 1 V
Maximum Candela	21837.128
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	8.6
Vertical Beam Angle (50%)	8.6
Horizontal Field Angle (10%)	17.8
Vertical Field Angle (10%)	17.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	238
Beam Efficiency	N.A.
Field Lumens	550
Field Efficiency	N.A.
Spill Lumens	339
Luminaire Lumens	888
Total Efficiency	N.A.
Total Luminaire Watts	15
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	610.03
10-20	181.83
20-30	69.75
30-40	33.70
40-50	7.99
50-60	1.46
60-70	0.01
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: 2 ft.

Grid Spacing: 5 ft.

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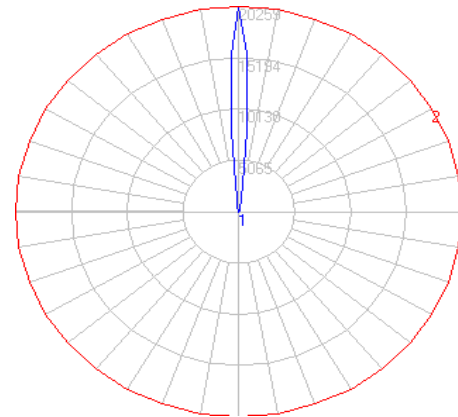
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File: 84785K27_BEGA_IES.ies

TEST: 84784K4
 TEST LAB: BEGA
 DATE: 02/11/21
 LUMINAIRE: 84785K27
 LAMP: 12.8W LED

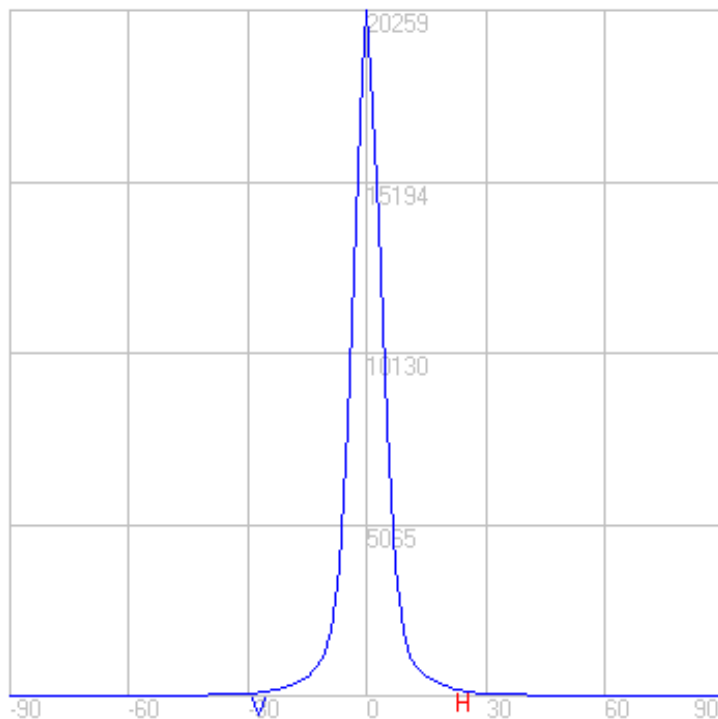
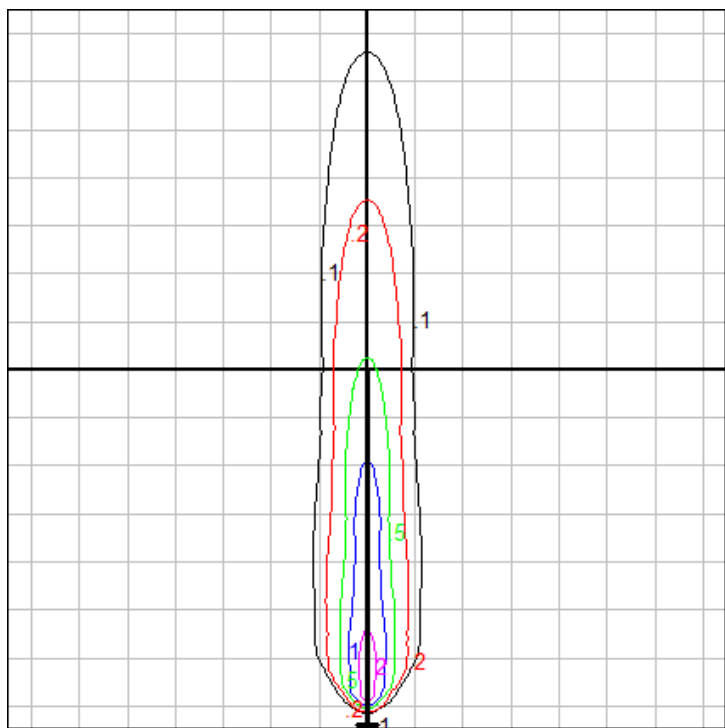


Characteristics

NEMA Type	1 H x 1 V
Maximum Candela	20259.1
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	8.6
Vertical Beam Angle (50%)	8.6
Horizontal Field Angle (10%)	17.8
Vertical Field Angle (10%)	17.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	221
Beam Efficiency	N.A.
Field Lumens	510
Field Efficiency	N.A.
Spill Lumens	314
Luminaire Lumens	824
Total Efficiency	N.A.
Total Luminaire Watts	15
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	565.94
10-20	168.69
20-30	64.71
30-40	31.26
40-50	7.41
50-60	1.35
60-70	0.01
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: 2 ft.

Grid Spacing: 5 ft.

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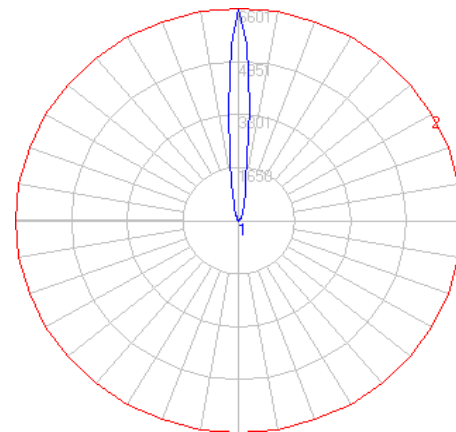
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BEGA

File: 84785K4_NSL_BEGA_IES.ies

TEST: 84785RK4
 TEST LAB: BEGA
 DATE: 02/11/21
 LUMINAIRE: 84785K4 + Non Skid Lens
 LAMP: 12.8W LED

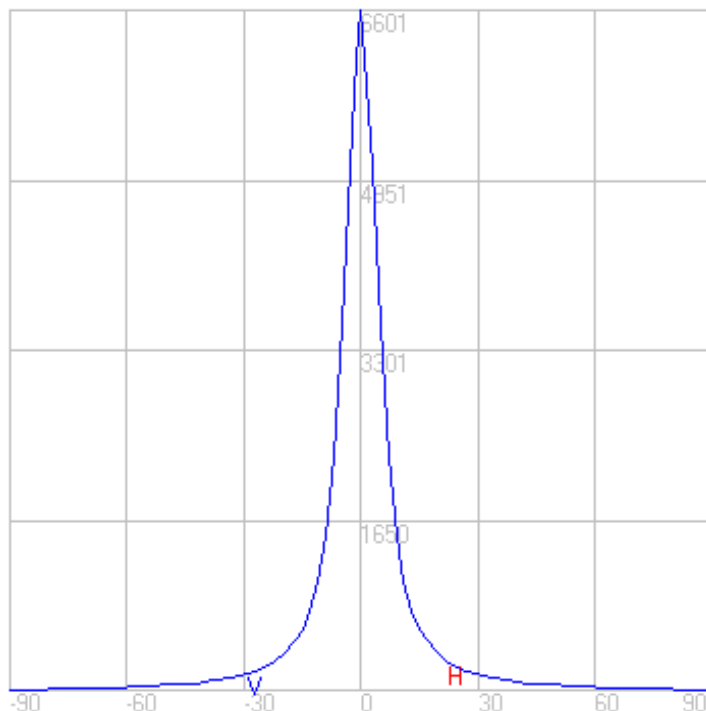
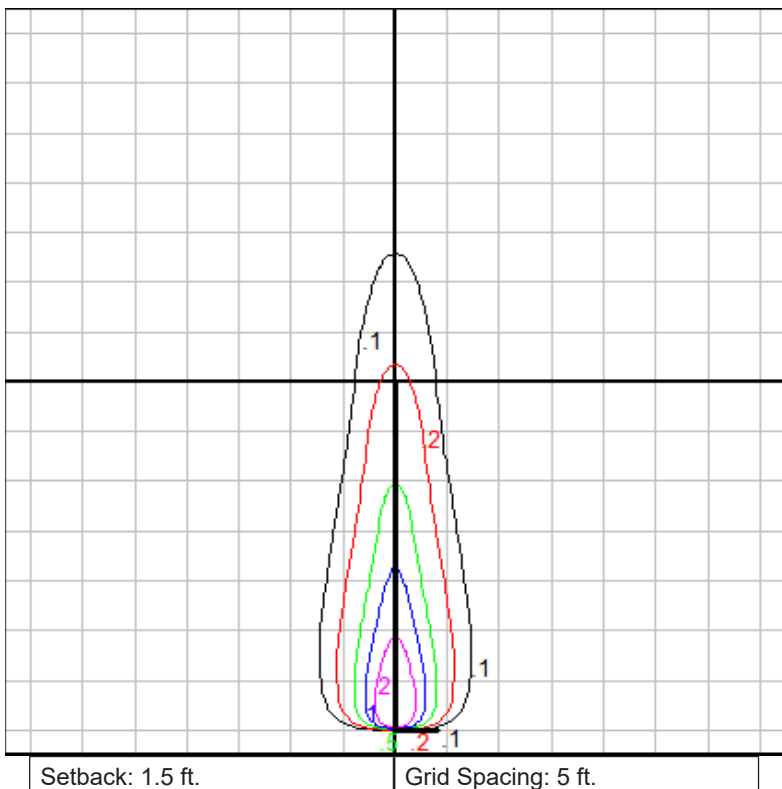


Characteristics

NEMA Type	2 H x 2 V
Maximum Candela	6601.3
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	10.8
Vertical Beam Angle (50%)	10.8
Horizontal Field Angle (10%)	28.6
Vertical Field Angle (10%)	28.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	118
Beam Efficiency	N.A.
Field Lumens	347
Field Efficiency	N.A.
Spill Lumens	387
Luminaire Lumens	734
Total Efficiency	N.A.
Total Luminaire Watts	15
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	264.72
10-20	175.84
20-30	103.61
30-40	68.63
40-50	46.07
50-60	33.64
60-70	24.61
70-80	15.78
80-90	5.77
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



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