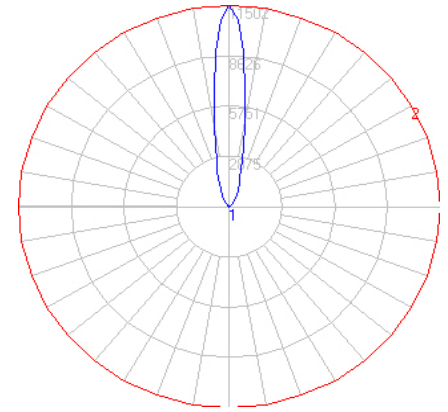


BEGA

File: 84789K4_BEGA_IES.ies

TEST: 84789K4
 TEST LAB: BEGA
 DATE: 03/30/21
 LUMINAIRE: 84789K4
 LAMP: 24.1W LED

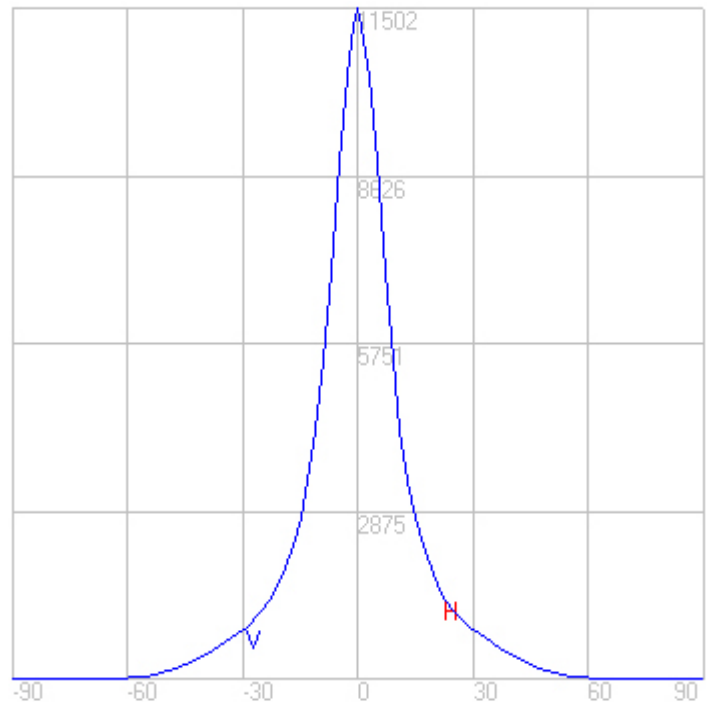
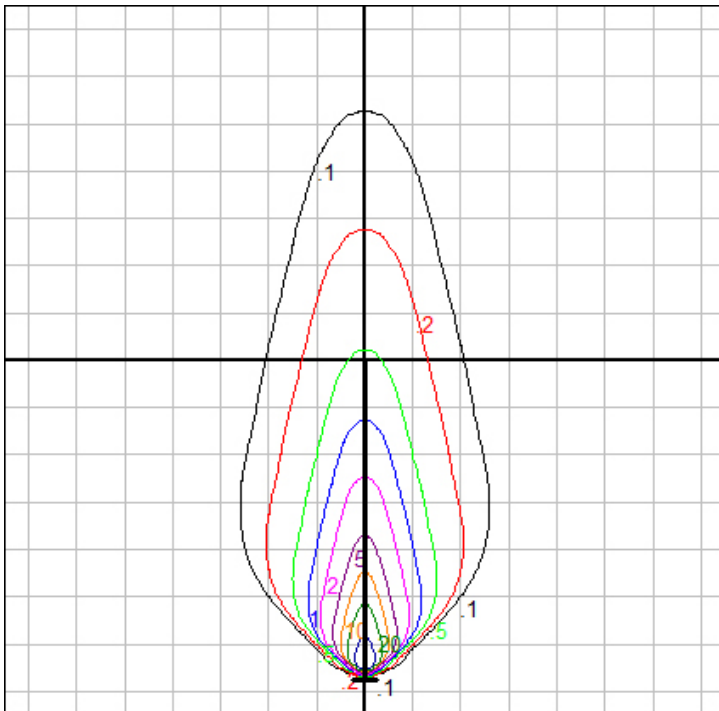


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	11501.6
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	17.3
Vertical Beam Angle (50%)	17.3
Horizontal Field Angle (10%)	50.4
Vertical Field Angle (10%)	50.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	586
Beam Efficiency	N.A.
Field Lumens	1814
Field Efficiency	N.A.
Spill Lumens	824
Luminaire Lumens	2638
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	707.88
10-20	789.30
20-30	545.76
30-40	376.82
40-50	185.27
50-60	27.70
60-70	4.61
70-80	0.26
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: 1 ft.

Grid Spacing: 4 ft.

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

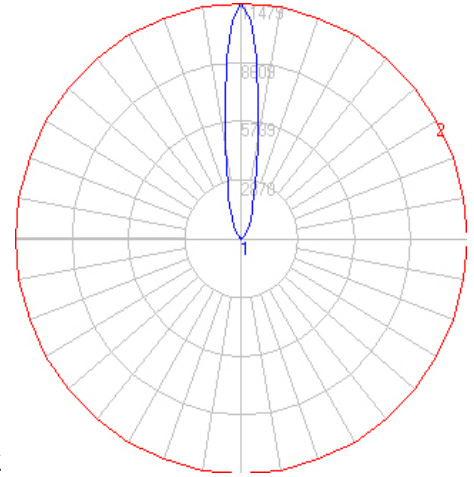
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BEGA

File: 84789K35_BEGA_IES.ies

TEST: 84789K4
 TEST LAB: BEGA
 DATE: 03/30/21
 LUMINAIRE: 84789K35
 LAMP: 24.1W LED

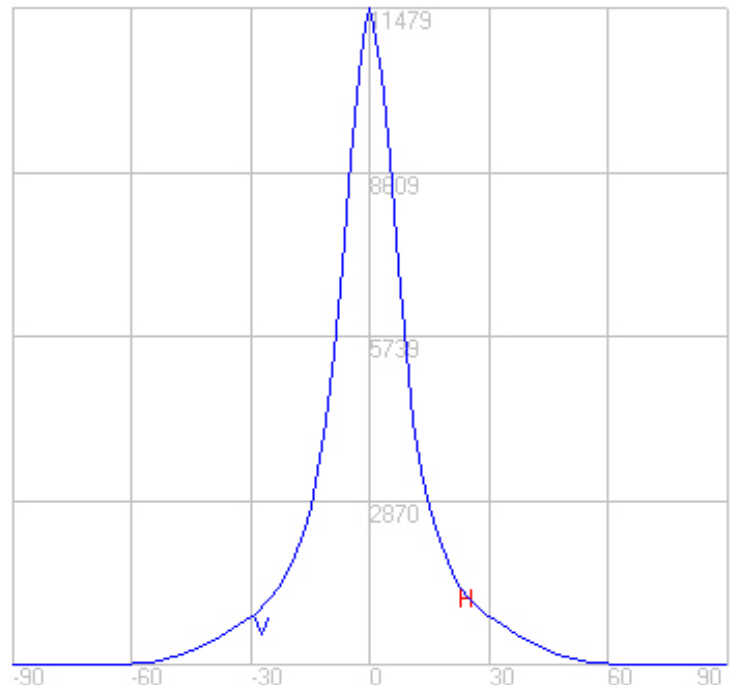
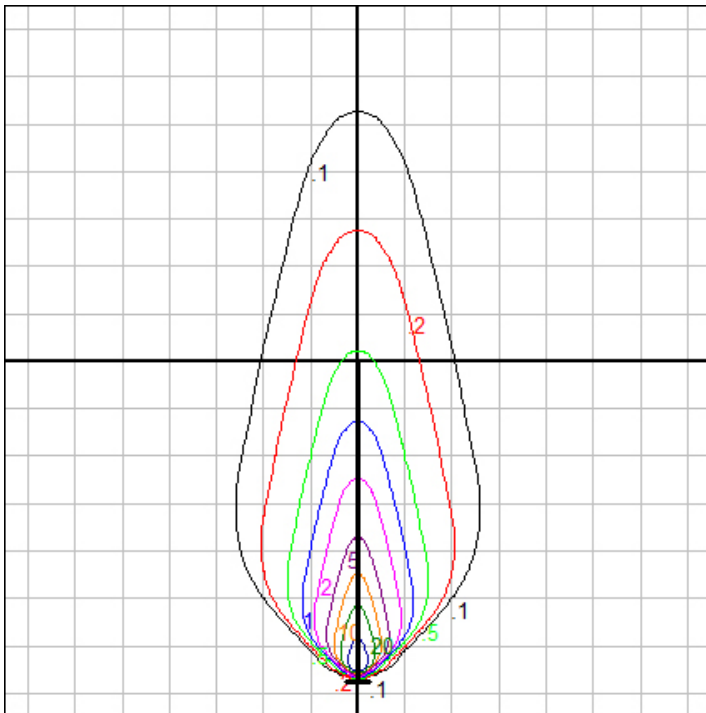


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	11478.597
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	17.3
Vertical Beam Angle (50%)	17.3
Horizontal Field Angle (10%)	50.4
Vertical Field Angle (10%)	50.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	585
Beam Efficiency	N.A.
Field Lumens	1810
Field Efficiency	N.A.
Spill Lumens	823
Luminaire Lumens	2633
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	706.46
10-20	787.72
20-30	544.67
30-40	376.07
40-50	184.90
50-60	27.65
60-70	4.61
70-80	0.26
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: 1 ft.

Grid Spacing: 4 ft.

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

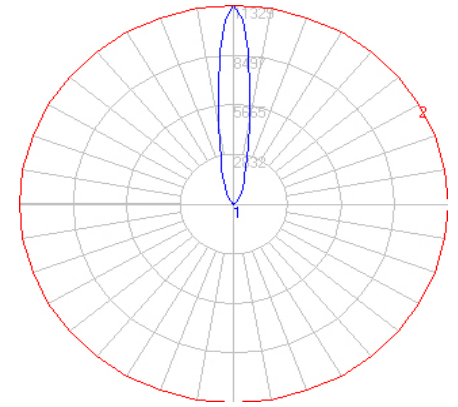
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BEGA

File: 84789K3_BEGA_IES.ies

TEST: 84789K4
 TEST LAB: BEGA
 DATE: 03/30/21
 LUMINAIRE: 84789K3
 LAMP: 24.1W LED

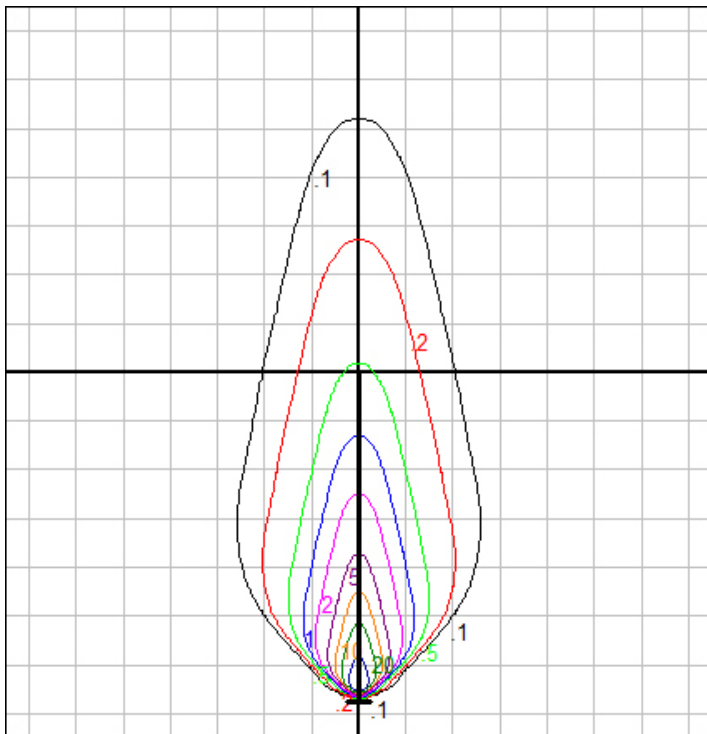


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	11329.076
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	17.3
Vertical Beam Angle (50%)	17.3
Horizontal Field Angle (10%)	50.4
Vertical Field Angle (10%)	50.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	577
Beam Efficiency	N.A.
Field Lumens	1787
Field Efficiency	N.A.
Spill Lumens	812
Luminaire Lumens	2598
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

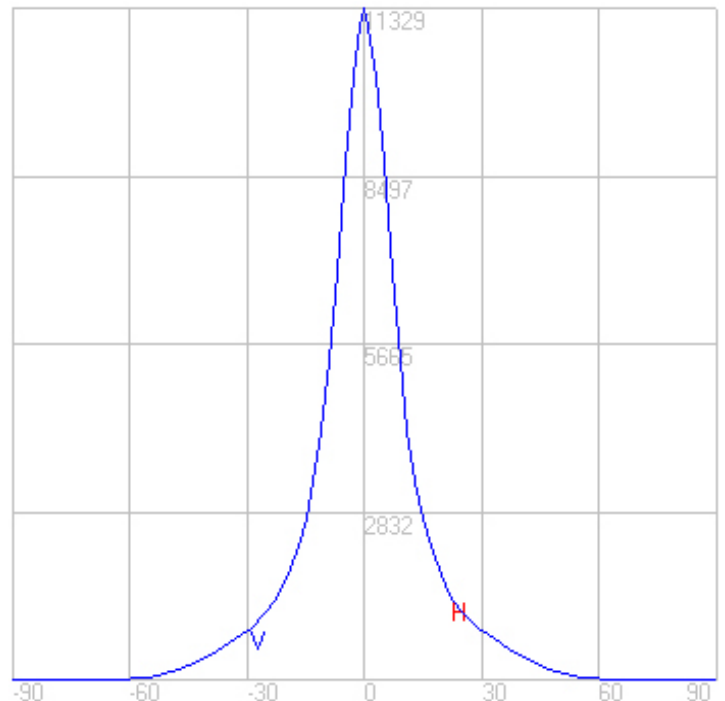
Zonal Lumen Summary

Zone	Lumens
0-10	697.26
10-20	777.46
20-30	537.57
30-40	371.17
40-50	182.49
50-60	27.29
60-70	4.55
70-80	0.26
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: 1 ft.

Grid Spacing: 4 ft.



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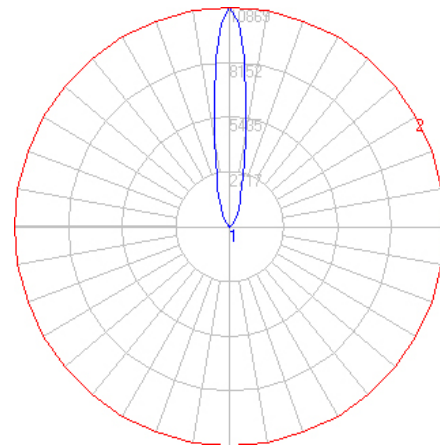
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File: 84789K27_BEGA_IES.ies

TEST: 84789K4
 TEST LAB: BEGA
 DATE: 03/30/21
 LUMINAIRE: 84789K27
 LAMP: 24.1W LED

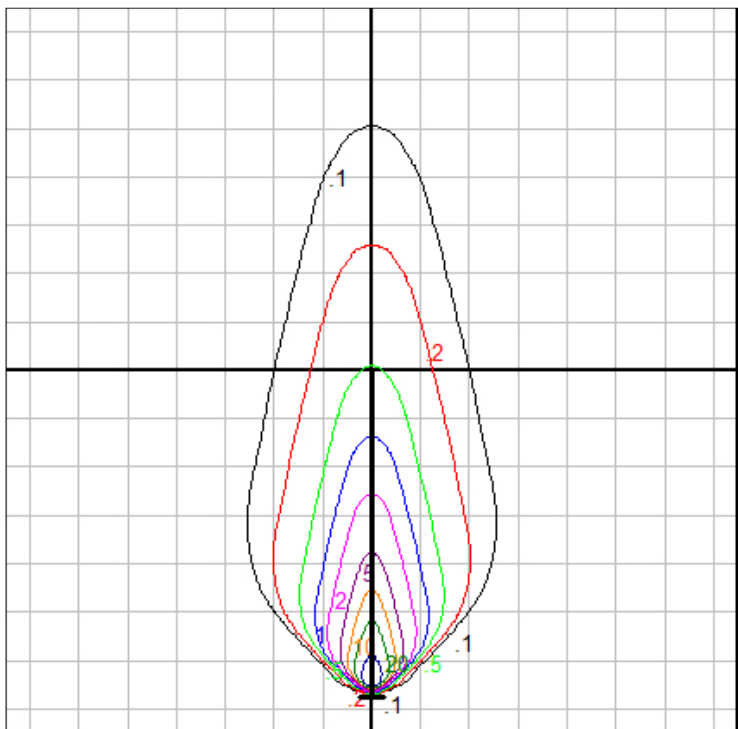


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	10869.012
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	17.3
Vertical Beam Angle (50%)	17.3
Horizontal Field Angle (10%)	50.4
Vertical Field Angle (10%)	50.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	554
Beam Efficiency	N.A.
Field Lumens	1714
Field Efficiency	N.A.
Spill Lumens	779
Luminaire Lumens	2493
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

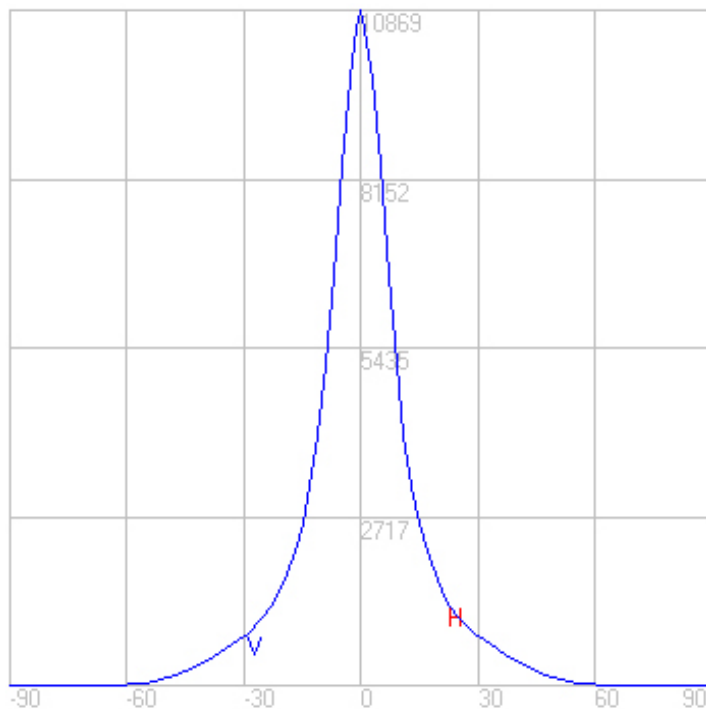
Zonal Lumen Summary

Zone	Lumens
0-10	668.94
10-20	745.89
20-30	515.74
30-40	356.10
40-50	175.08
50-60	26.18
60-70	4.36
70-80	0.25
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: 1 ft.

Grid Spacing: 4 ft.

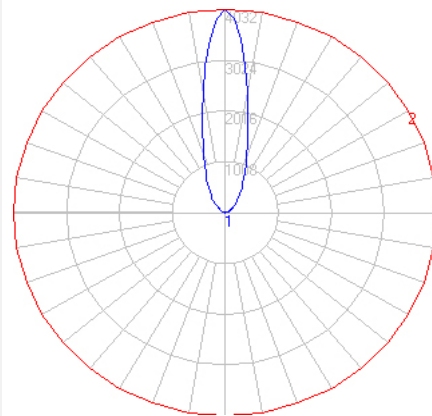


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

BEGA

File: 84789K4_NSL_BEGA_IES.ies

TEST: 84789RK4
 TEST LAB: BEGA
 DATE: 03/30/21
 LUMINAIRE: 84789K4 + Non Skid Lens
 LAMP: 24.1W LED

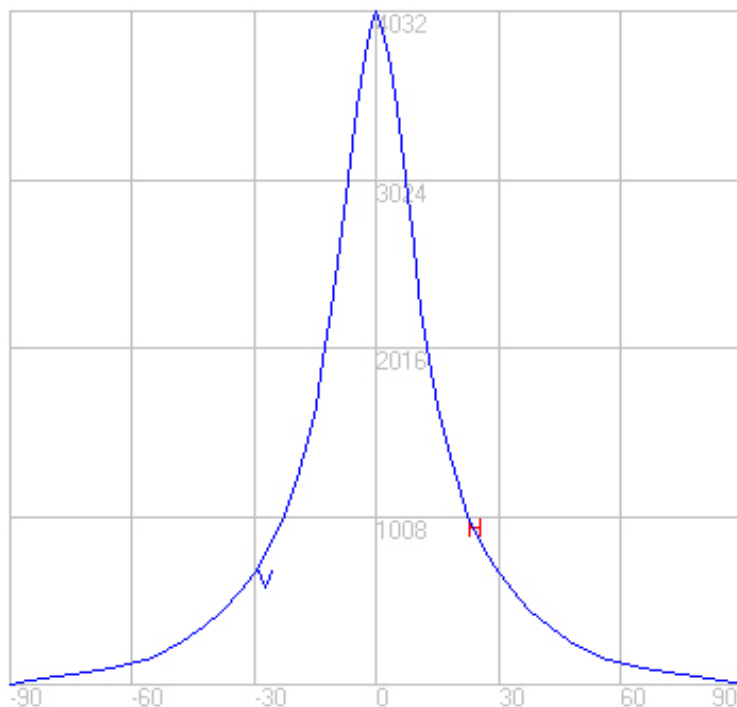
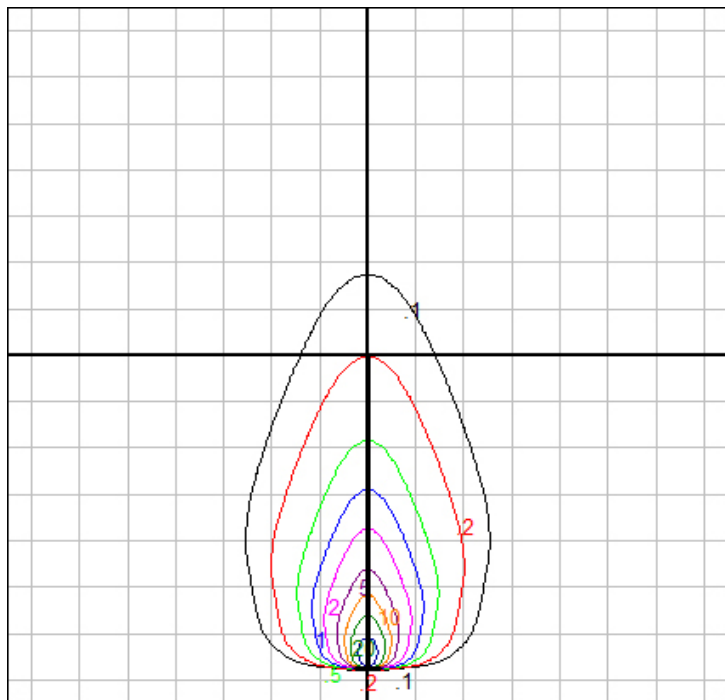


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	4031.9
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	25.1
Vertical Beam Angle (50%)	25.1
Horizontal Field Angle (10%)	79.5
Vertical Field Angle (10%)	79.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	406
Beam Efficiency	N.A.
Field Lumens	1471
Field Efficiency	N.A.
Spill Lumens	602
Luminaire Lumens	2072
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	295.95
10-20	471.87
20-30	409.77
30-40	324.77
40-50	231.04
50-60	149.63
60-70	103.21
70-80	63.54
80-90	22.34
90-100	0.38
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: 1 ft.

Grid Spacing: 4 ft.

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