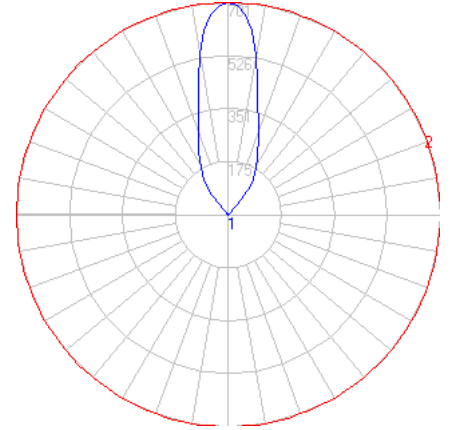


BEGA

File: 84084K4_BEGA_IES.ies

TEST: L112212602
 TEST LAB: LIGHT LABORATORY, INC.
 DATE: 12/16/2022
 LUMINAIRE: 84 084K4
 LAMP: 3.0W LED

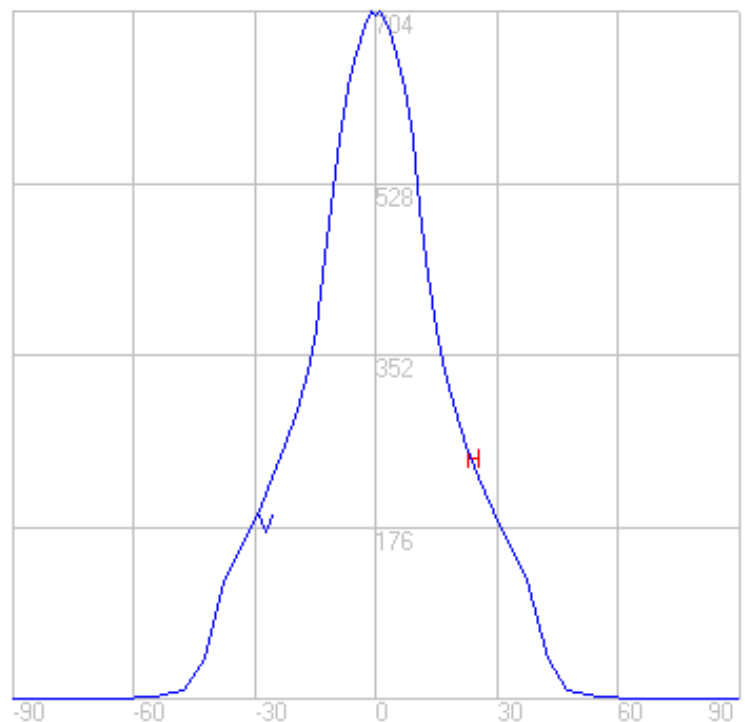
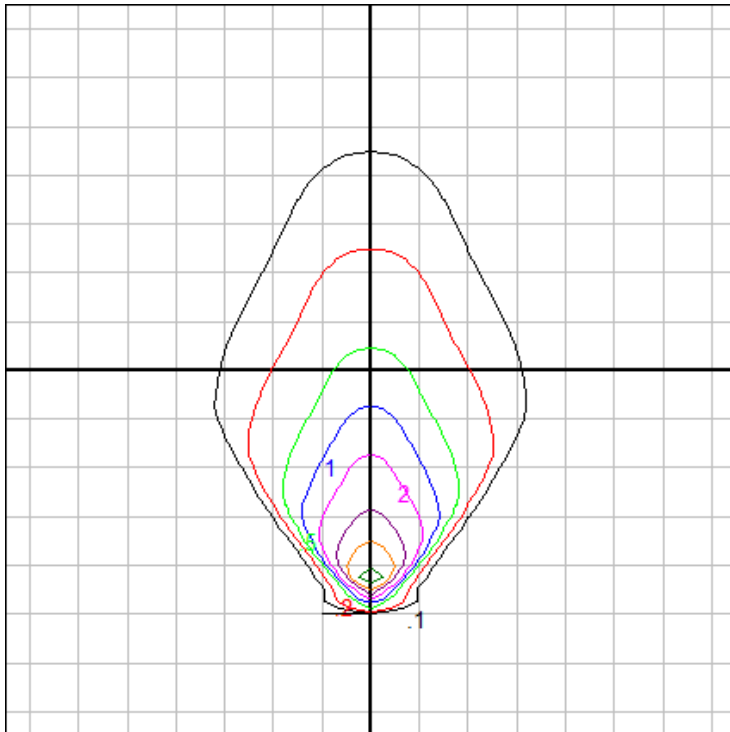


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	704
Maximum Candela Angle	-1 H 0 V
Horizontal Beam Angle (50%)	32.4
Vertical Beam Angle (50%)	32.4
Horizontal Field Angle (10%)	81.5
Vertical Field Angle (10%)	81.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	128
Beam Efficiency	N.A.
Field Lumens	364
Field Efficiency	N.A.
Spill Lumens	25
Luminaire Lumens	389
Total Efficiency	N.A.
Total Luminaire Watts	3.67
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.00
90-100	0.14
100-110	1.06
110-120	1.36
120-130	3.44
130-140	22.77
140-150	86.58
150-160	106.70
160-170	107.68
170-180	59.38



Set Back: 1 ft.

Grid Spacing: 2 ft.

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

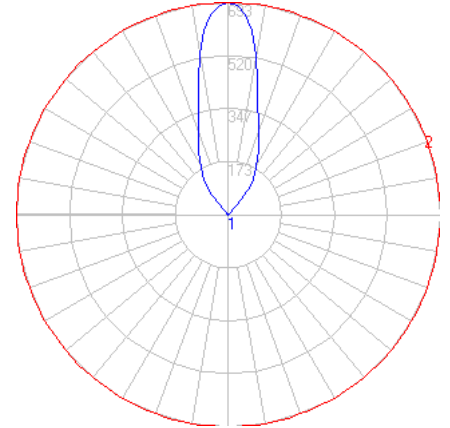
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File: 84084K35_BEGA_IES.ies

TEST: L112212602
 TEST LAB: LIGHT LABORATORY, INC.
 DATE: 12/16/2022
 LUMINAIRE: 84 084K35
 LAMP: 3.0W LED

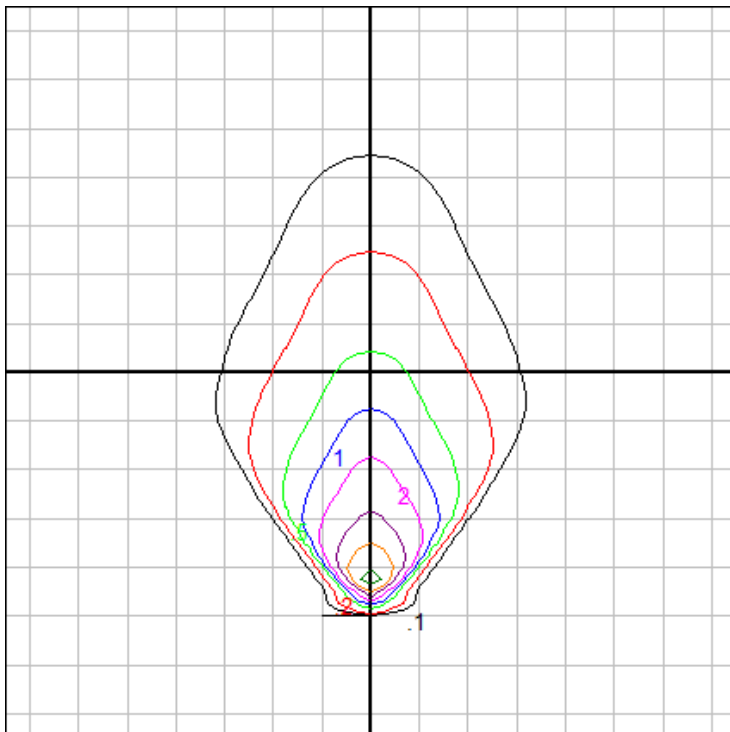


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	696.256
Maximum Candela Angle	-1 H 0 V
Horizontal Beam Angle (50%)	32.4
Vertical Beam Angle (50%)	32.4
Horizontal Field Angle (10%)	81.5
Vertical Field Angle (10%)	81.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	127
Beam Efficiency	N.A.
Field Lumens	360
Field Efficiency	N.A.
Spill Lumens	24
Luminaire Lumens	385
Total Efficiency	N.A.
Total Luminaire Watts	3.67
Ballast Factor	1.00

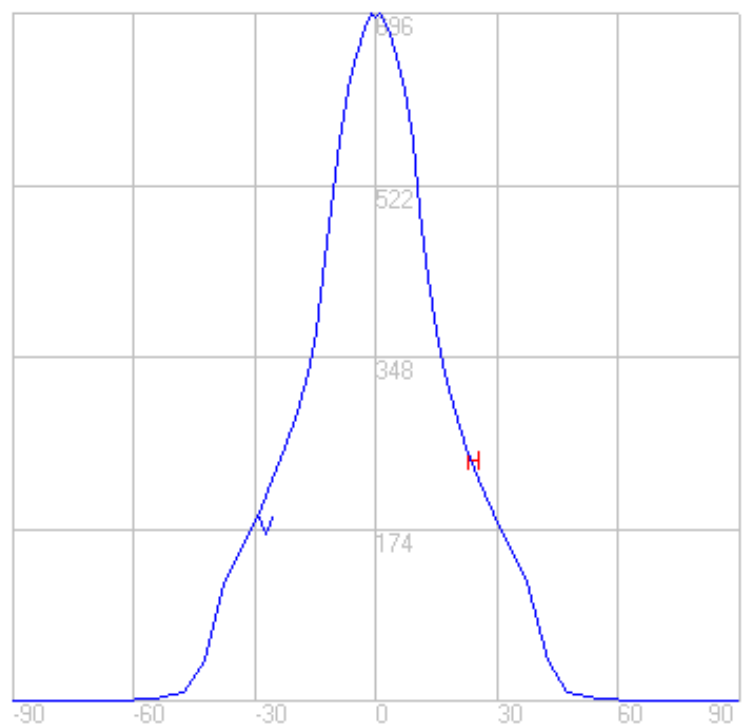
Zonal Lumen Summary

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.00
90-100	0.13
100-110	0.91
110-120	1.22
120-130	3.28
130-140	22.42
140-150	85.70
150-160	105.59
160-170	106.55
170-180	58.71



Set Back: 1 ft.

Grid Spacing: 2 ft.



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

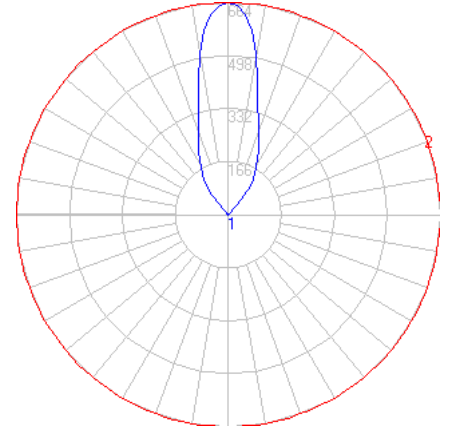
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File: 84084K3_BEGA_IES.ies

TEST: L112212602
 TEST LAB: LIGHT LABORATORY, INC.
 DATE: 12/16/2022
 LUMINAIRE: 84 084K3
 LAMP: 3.0W LED

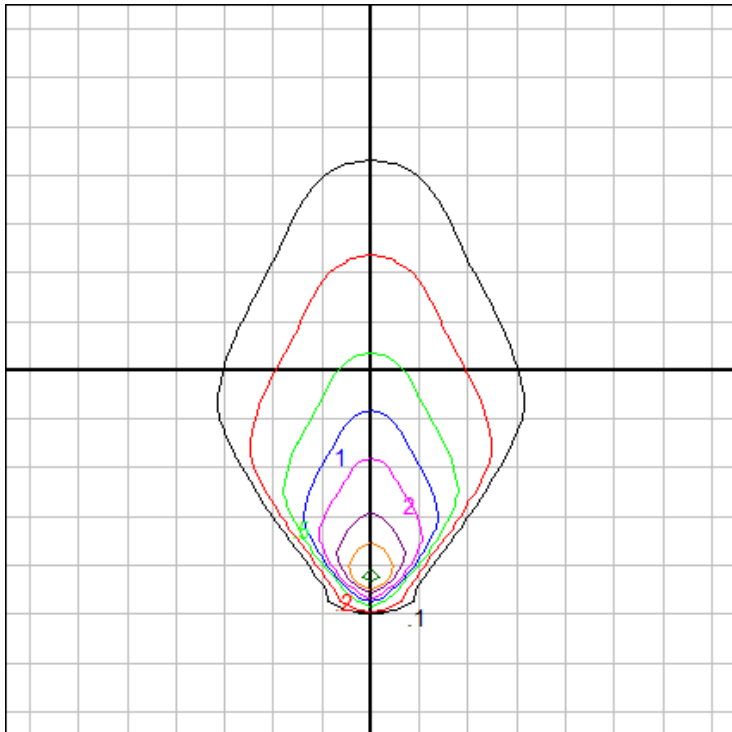


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	667.392
Maximum Candela Angle	-1 H 0 V
Horizontal Beam Angle (50%)	32.4
Vertical Beam Angle (50%)	32.4
Horizontal Field Angle (10%)	81.5
Vertical Field Angle (10%)	81.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	121
Beam Efficiency	N.A.
Field Lumens	345
Field Efficiency	N.A.
Spill Lumens	23
Luminaire Lumens	369
Total Efficiency	N.A.
Total Luminaire Watts	3.67
Ballast Factor	1.00

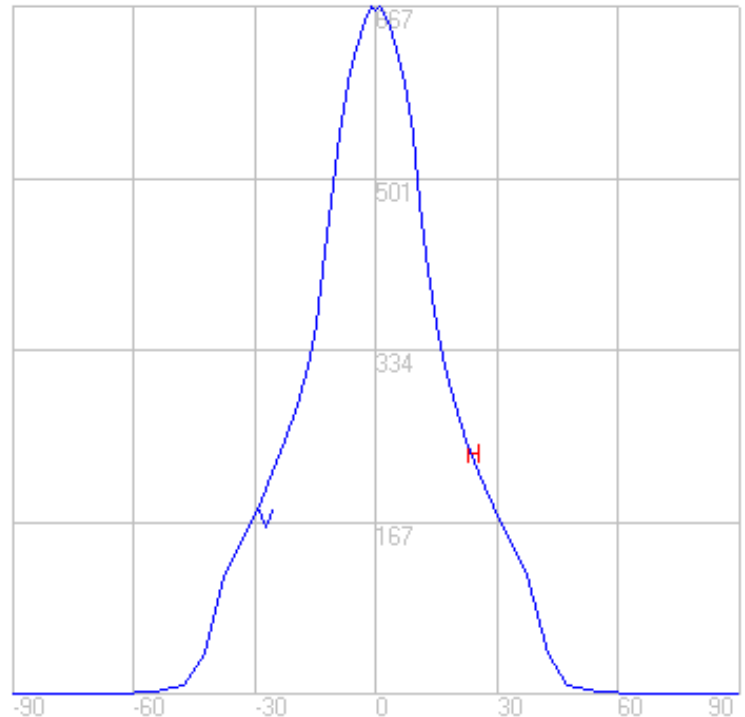
Zonal Lumen Summary

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.00
90-100	0.13
100-110	0.88
110-120	1.17
120-130	3.15
130-140	21.49
140-150	82.15
150-160	101.22
160-170	102.13
170-180	56.28



Set Back: 1 ft.

Grid Spacing: 2 ft.



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

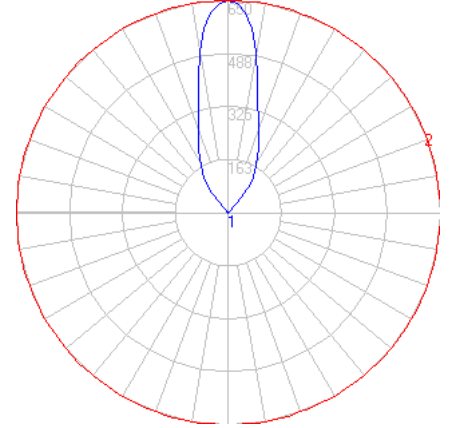
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BEGA

File: 84084K27_BEGA_IES.ies

TEST: L112212602
 TEST LAB: LIGHT LABORATORY, INC.
 DATE: 12/16/2022
 LUMINAIRE: 84 084K27
 LAMP: 3.0W LED

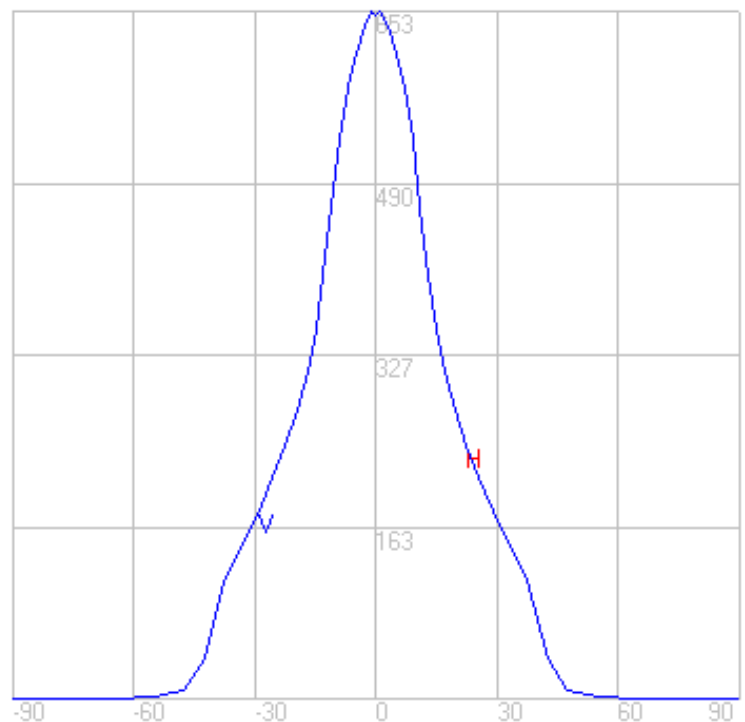
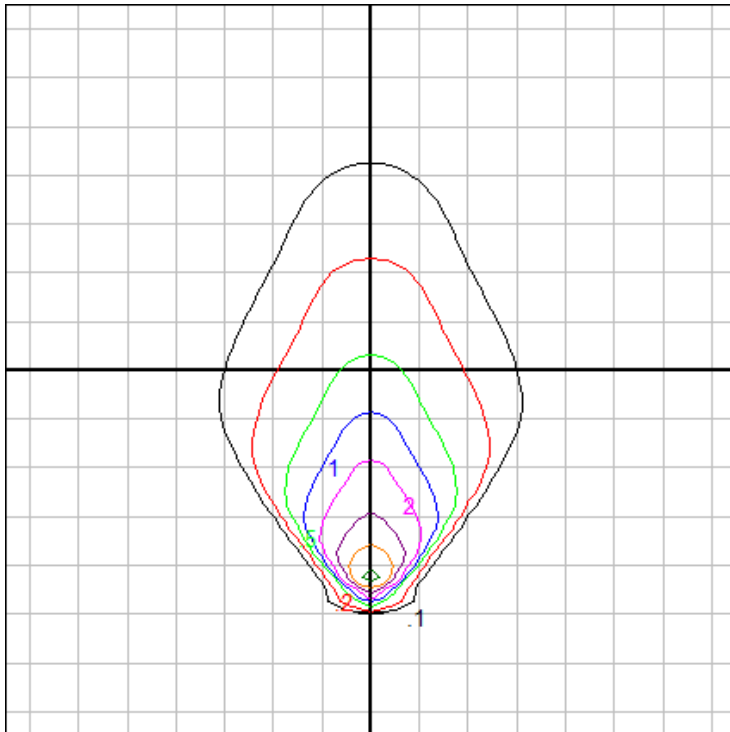


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	653.312
Maximum Candela Angle	-1 H 0 V
Horizontal Beam Angle (50%)	32.4
Vertical Beam Angle (50%)	32.4
Horizontal Field Angle (10%)	81.5
Vertical Field Angle (10%)	81.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	119
Beam Efficiency	N.A.
Field Lumens	338
Field Efficiency	N.A.
Spill Lumens	23
Luminaire Lumens	361
Total Efficiency	N.A.
Total Luminaire Watts	3.67
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.00
90-100	0.13
100-110	0.86
110-120	1.15
120-130	3.08
130-140	21.04
140-150	80.41
150-160	99.08
160-170	99.97
170-180	55.09



Set Back: 1 ft.

Grid Spacing: 2 ft.

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