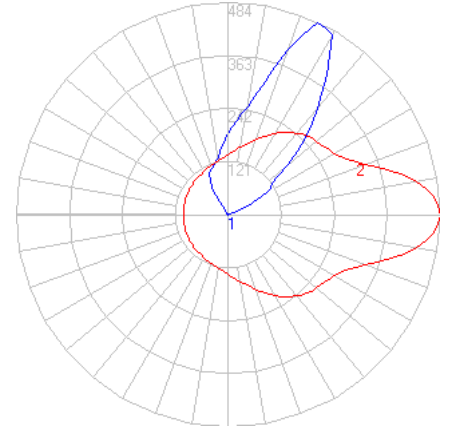


BEGA

File: 84086K4_BEGA_IES.ies

TEST: L112212603
 TEST LAB: LIGHT LABORATORY, INC.
 DATE: 12/16/2022
 LUMINAIRE: 84 086K4
 LAMP: 3.0W LED

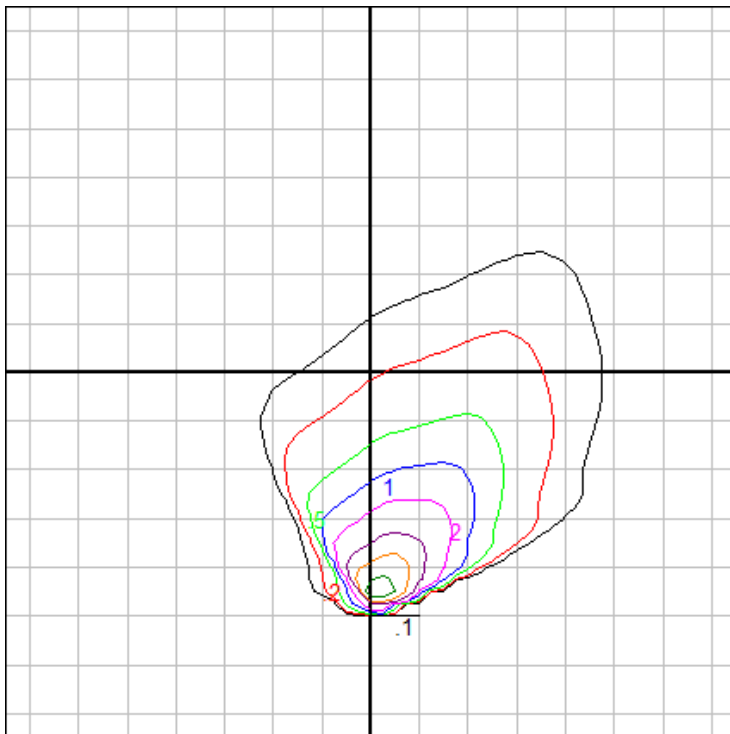


Characteristics

NEMA Type	6 H x 5 V
Maximum Candela	483
Maximum Candela Angle	0 H 25.5 V
Horizontal Beam Angle (50%)	43.0
Vertical Beam Angle (50%)	36.7
Horizontal Field Angle (10%)	103.7
Vertical Field Angle (10%)	98.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	115
Beam Efficiency	N.A.
Field Lumens	358
Field Efficiency	N.A.
Spill Lumens	23
Luminaire Lumens	381
Total Efficiency	N.A.
Total Luminaire Watts	3.67
Ballast Factor	1.00

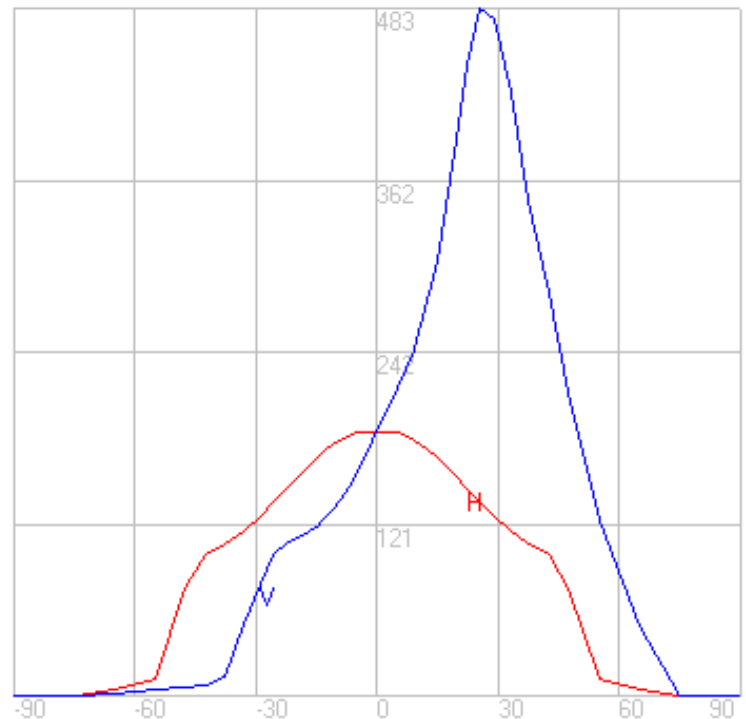
Zonal Lumen Summary

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	0.00
100-110	0.97
110-120	13.23
120-130	42.76
130-140	71.74
140-150	94.62
150-160	86.53
160-170	52.82
170-180	17.68



Set Back: 1 ft.

Grid Spacing: 2 ft.



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

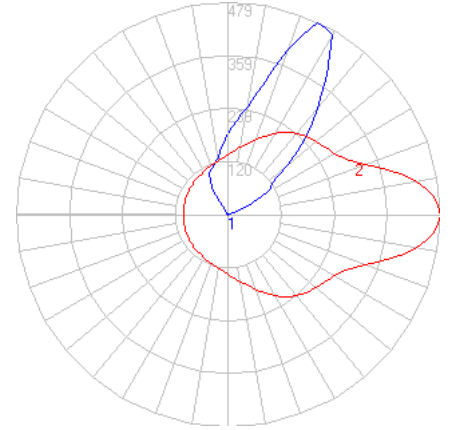
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File: 84086K35_BEGA_IES.ies

TEST: L112212603
 TEST LAB: LIGHT LABORATORY, INC.
 DATE: 12/16/2022
 LUMINAIRE: 84 086K35
 LAMP: 3.0W LED

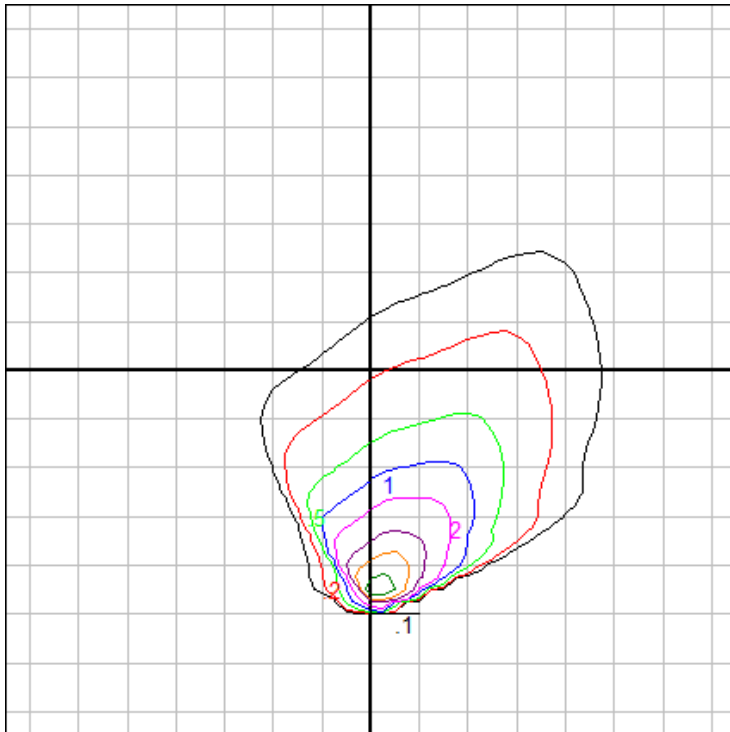


Characteristics

NEMA Type	6 H x 5 V
Maximum Candela	477.687
Maximum Candela Angle	0 H 25.5 V
Horizontal Beam Angle (50%)	43.0
Vertical Beam Angle (50%)	36.7
Horizontal Field Angle (10%)	103.7
Vertical Field Angle (10%)	98.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	114
Beam Efficiency	N.A.
Field Lumens	354
Field Efficiency	N.A.
Spill Lumens	22
Luminaire Lumens	377
Total Efficiency	N.A.
Total Luminaire Watts	3.67
Ballast Factor	1.00

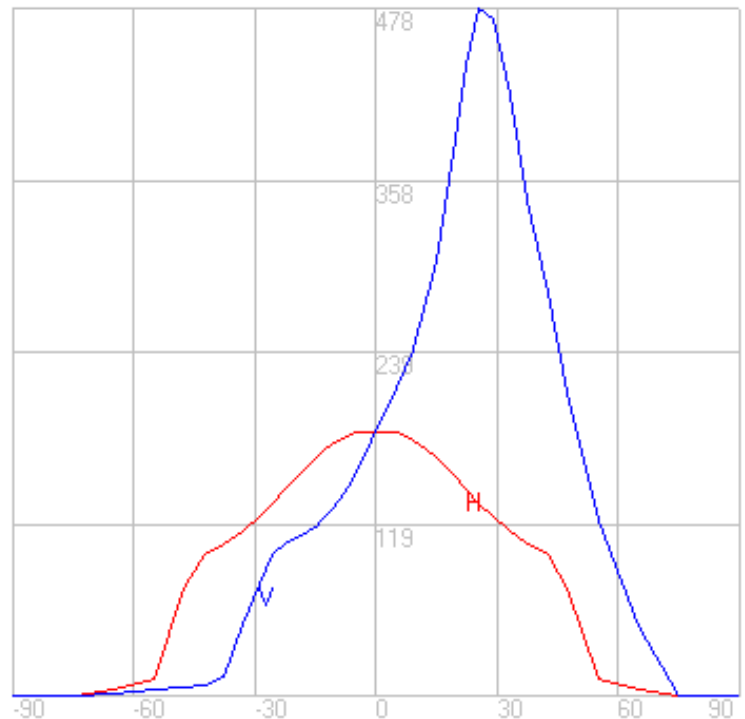
Zonal Lumen Summary

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	0.00
100-110	0.93
110-120	13.01
120-130	42.21
130-140	70.89
140-150	93.53
150-160	85.54
160-170	52.21
170-180	17.48



Set Back: 1 ft.

Grid Spacing: 2 ft.



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

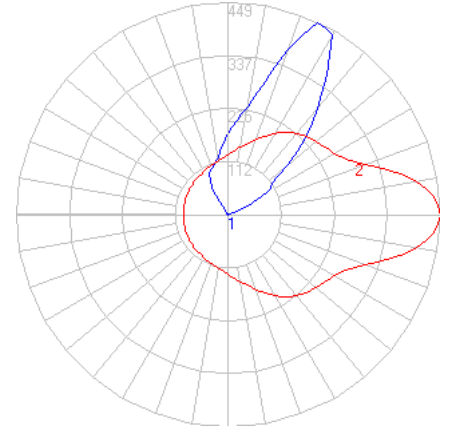
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BEGA

File: 84086K27_BEGA_IES.ies

TEST: L112212603
 TEST LAB: LIGHT LABORATORY, INC.
 DATE: 12/16/2022
 LUMINAIRE: 84 086K27
 LAMP: 3.0W LED

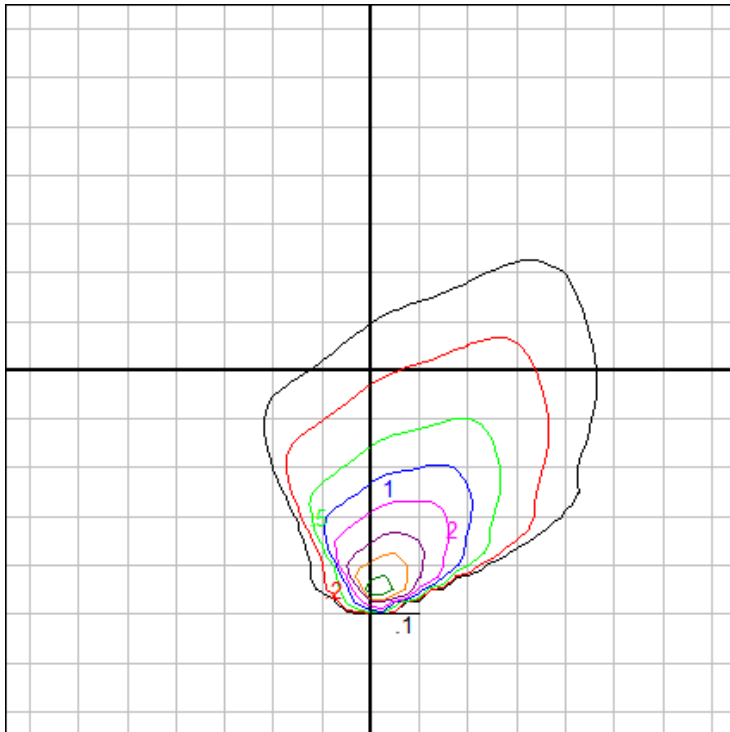


Characteristics

NEMA Type	6 H x 5 V
Maximum Candela	448.224
Maximum Candela Angle	0 H 25.5 V
Horizontal Beam Angle (50%)	43.0
Vertical Beam Angle (50%)	36.7
Horizontal Field Angle (10%)	103.7
Vertical Field Angle (10%)	98.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	107
Beam Efficiency	N.A.
Field Lumens	332
Field Efficiency	N.A.
Spill Lumens	21
Luminaire Lumens	353
Total Efficiency	N.A.
Total Luminaire Watts	3.67
Ballast Factor	1.00

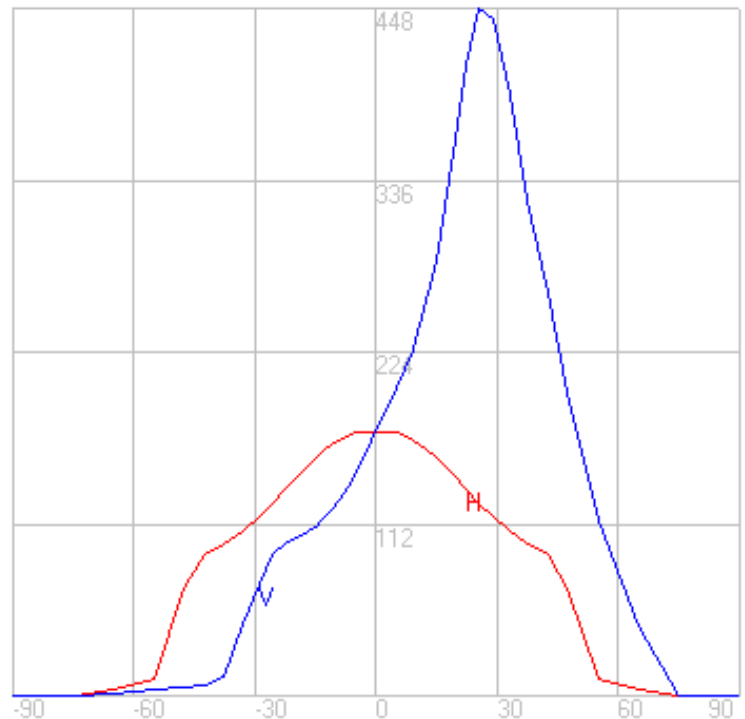
Zonal Lumen Summary

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	0.00
100-110	0.88
110-120	12.21
120-130	39.60
130-140	66.51
140-150	87.76
150-160	80.26
160-170	48.99
170-180	16.40



Set Back: 1 ft.

Grid Spacing: 2 ft.



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