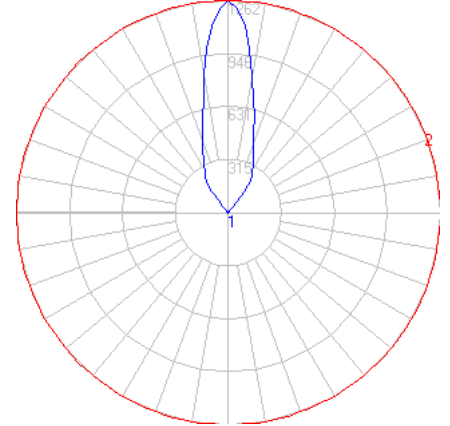


BEGA

File: 84085K4_BEGA_IES.ies

TEST: L012113201
TEST LAB: LIGHT LABORATORY, INC.
DATE: 02/02/2021
LUMINAIRE: 84 085K4
LAMP: 4.2W LED

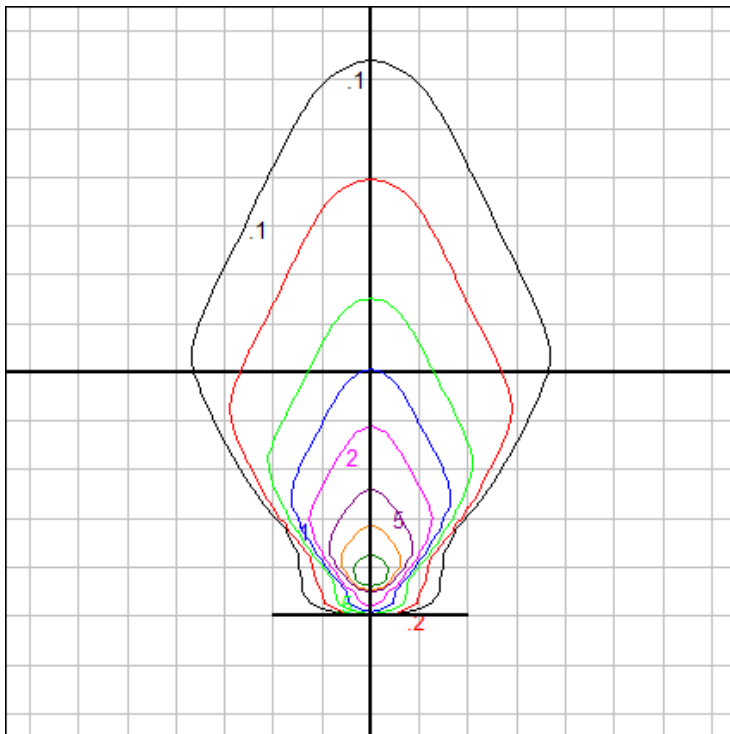


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1261.75
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	28.0
Vertical Beam Angle (50%)	28.0
Horizontal Field Angle (10%)	77.9
Vertical Field Angle (10%)	77.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	155
Beam Efficiency	N.A.
Field Lumens	541
Field Efficiency	N.A.
Spill Lumens	49
Luminaire Lumens	589
Total Efficiency	N.A.
Total Luminaire Watts	5.42
Ballast Factor	1.00

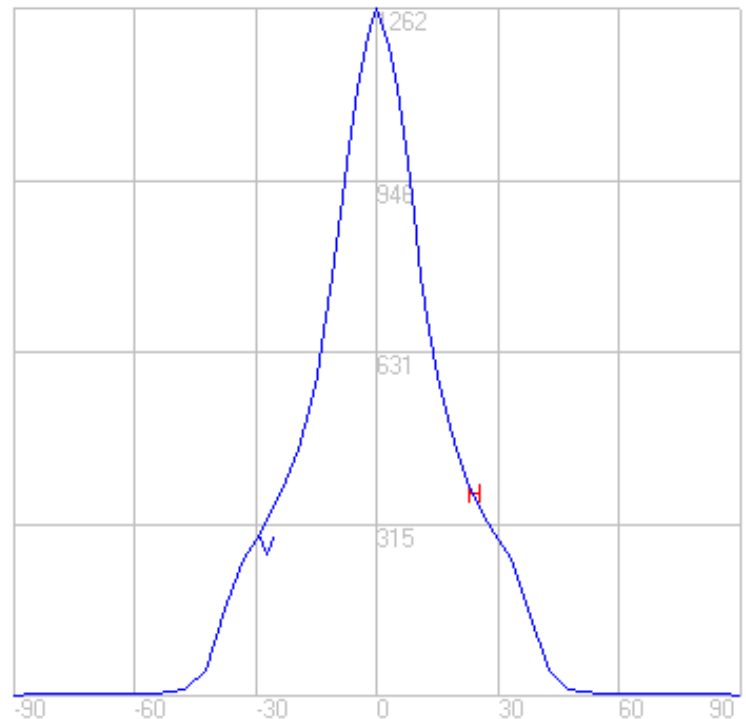
Zonal Lumen Summary

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	1.68
100-110	2.58
110-120	3.44
120-130	4.94
130-140	21.82
140-150	127.63
150-160	163.03
160-170	166.22
170-180	97.28



Set Back: 1 ft.

Grid Spacing: 2 ft.



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

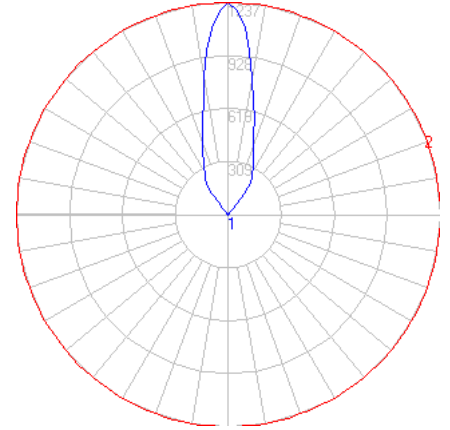
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BEGA

File: 84085K35_BEGA_IES.ies

TEST: L012113201
 TEST LAB: LIGHT LABORATORY, INC.
 DATE: 02/02/2021
 LUMINAIRE: 84 085K35
 LAMP: 4.2W LED

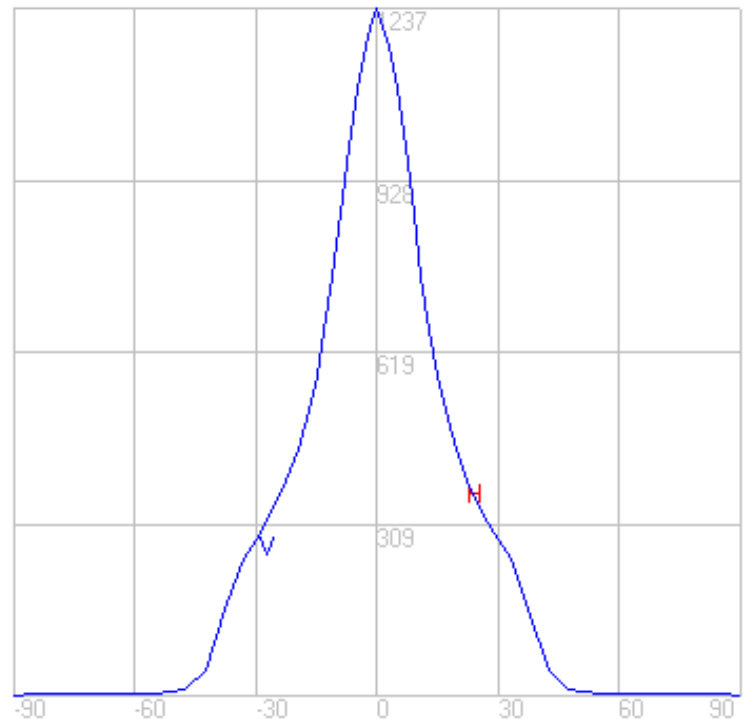
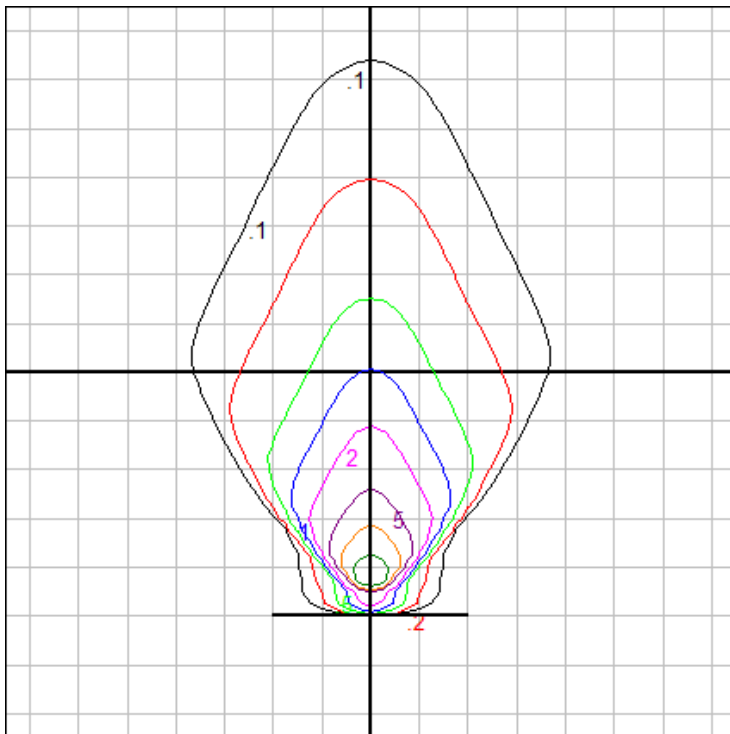


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1237.25
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	28.0
Vertical Beam Angle (50%)	28.0
Horizontal Field Angle (10%)	77.9
Vertical Field Angle (10%)	77.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	152
Beam Efficiency	N.A.
Field Lumens	530
Field Efficiency	N.A.
Spill Lumens	48
Luminaire Lumens	578
Total Efficiency	N.A.
Total Luminaire Watts	5.42
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	1.65
100-110	2.53
110-120	3.37
120-130	4.85
130-140	21.39
140-150	125.15
150-160	159.86
160-170	162.99
170-180	95.39



Set Back: 1 ft.

Grid Spacing: 2 ft.

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

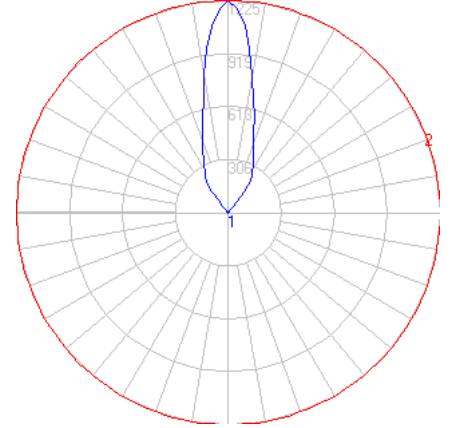
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File: 84085K3_BEGA_IES.ies

TEST: L012113201
TEST LAB: LIGHT LABORATORY, INC.
DATE: 02/02/2021
LUMINAIRE: 84 085K3
LAMP: 4.2W LED

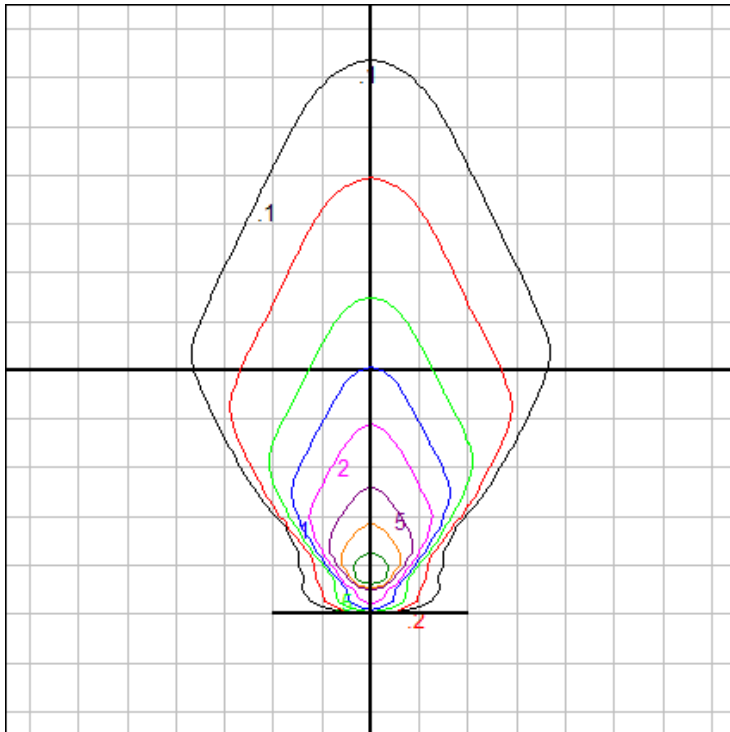


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1225
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	28.0
Vertical Beam Angle (50%)	28.0
Horizontal Field Angle (10%)	77.9
Vertical Field Angle (10%)	77.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	150
Beam Efficiency	N.A.
Field Lumens	525
Field Efficiency	N.A.
Spill Lumens	47
Luminaire Lumens	572
Total Efficiency	N.A.
Total Luminaire Watts	5.42
Ballast Factor	1.00

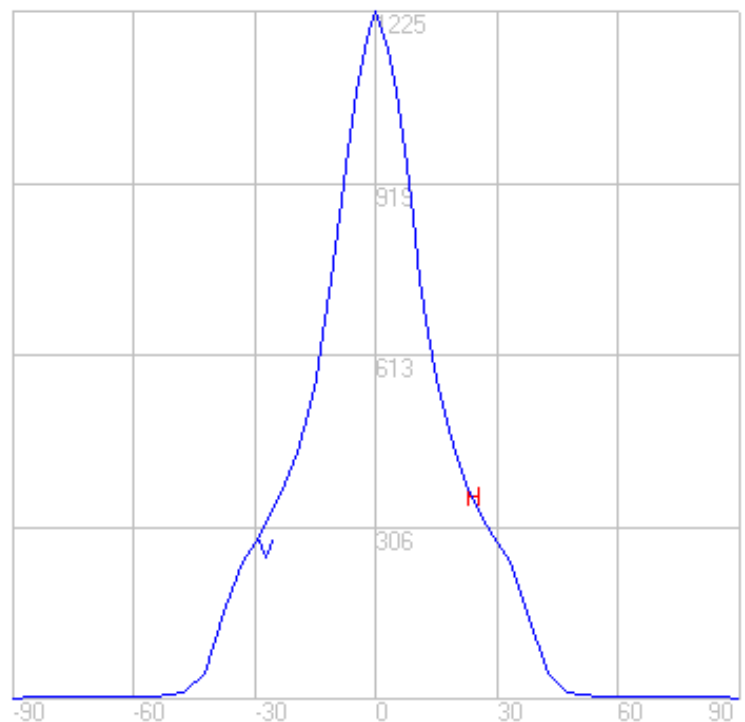
Zonal Lumen Summary

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	1.63
100-110	2.51
110-120	3.34
120-130	4.80
130-140	21.18
140-150	123.91
150-160	158.28
160-170	161.38
170-180	94.44



Set Back: 1 ft.

Grid Spacing: 2 ft.



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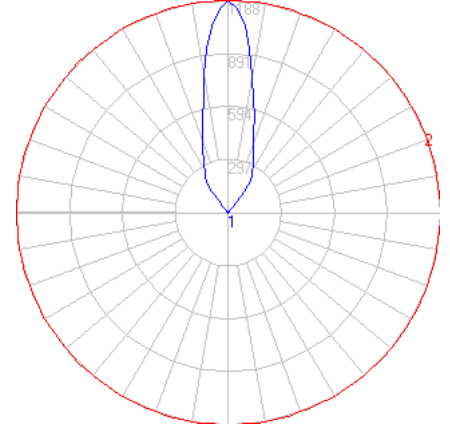
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BEGA

File: 84085K27_BEGA_IES.ies

TEST: L012113201
TEST LAB: LIGHT LABORATORY, INC.
DATE: 02/02/2021
LUMINAIRE: 84 085K27
LAMP: 4.2W LED

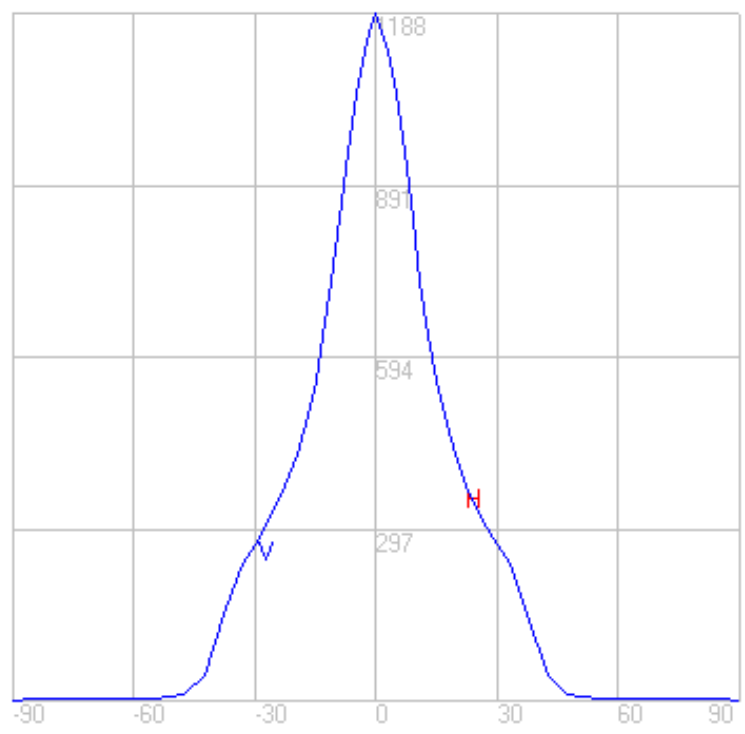
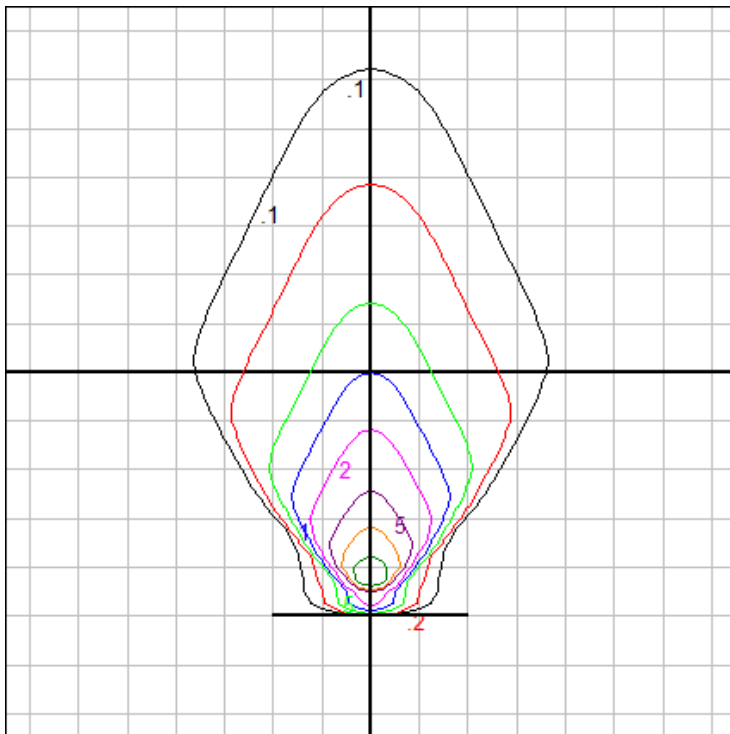


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1188.25
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	28.0
Vertical Beam Angle (50%)	28.0
Horizontal Field Angle (10%)	77.9
Vertical Field Angle (10%)	77.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	146
Beam Efficiency	N.A.
Field Lumens	509
Field Efficiency	N.A.
Spill Lumens	46
Luminaire Lumens	555
Total Efficiency	N.A.
Total Luminaire Watts	5.42
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	1.59
100-110	2.43
110-120	3.24
120-130	4.66
130-140	20.55
140-150	120.19
150-160	153.53
160-170	156.53
170-180	91.61



Set Back: 1 ft.

Grid Spacing: 2 ft.

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