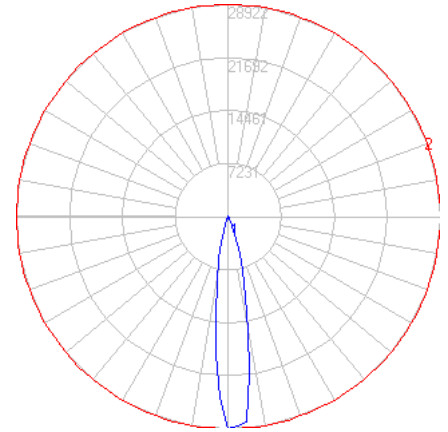


BEGA

File: 84302K4_BEGA_IES.ies

TEST: L092112302
TEST LAB: LIGHT LABORATORY, INC.
DATE: 10/3/2021
LUMINAIRE: 84 302K4
LAMP: 44.9W LED

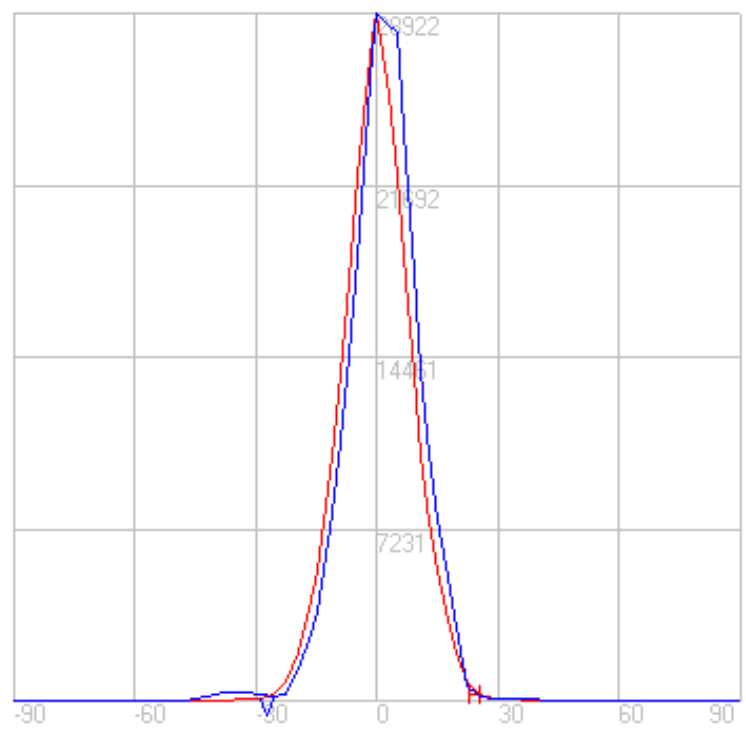
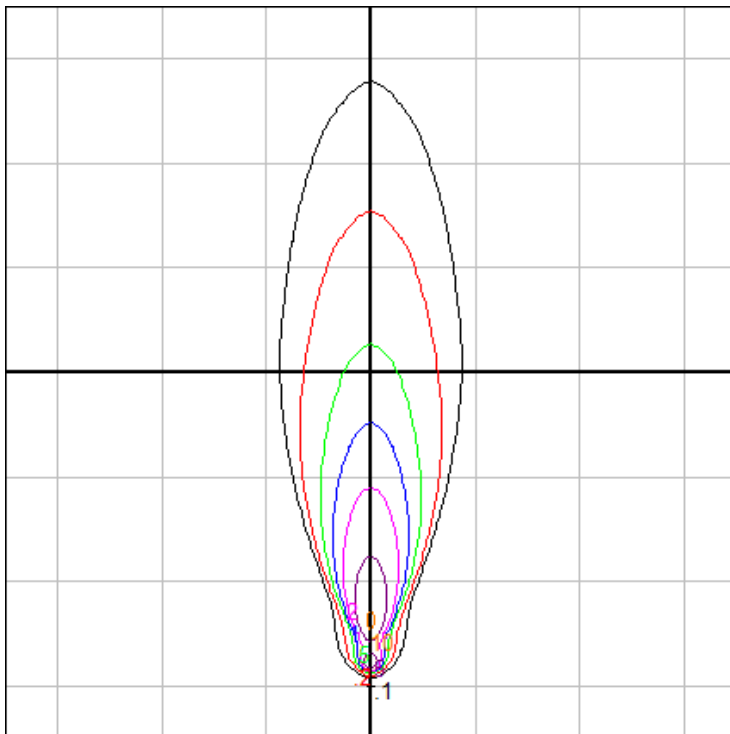


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	28922
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	17.3
Vertical Beam Angle (50%)	17.8
Horizontal Field Angle (10%)	36.6
Vertical Field Angle (10%)	36.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1504
Beam Efficiency	N.A.
Field Lumens	3174
Field Efficiency	N.A.
Spill Lumens	464
Luminaire Lumens	3638
Total Efficiency	N.A.
Total Luminaire Watts	50
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	1788.89
10-20	1551.09
20-30	214.60
30-40	52.86
40-50	25.38
50-60	9.83
60-70	5.77
70-80	3.33
80-90	1.52
90-100	0.70
100-110	0.26
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 Distance: 2.5 ft.

Grid Spacing: 15 ft.

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

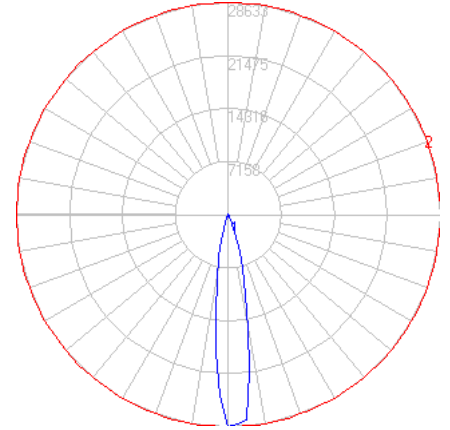
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File: 84302K35_BEGA_IES.ies

TEST: L092112302
TEST LAB: LIGHT LABORATORY, INC.
DATE: 10/3/2021
LUMINAIRE: 84 302K35
LAMP: 44.9W LED

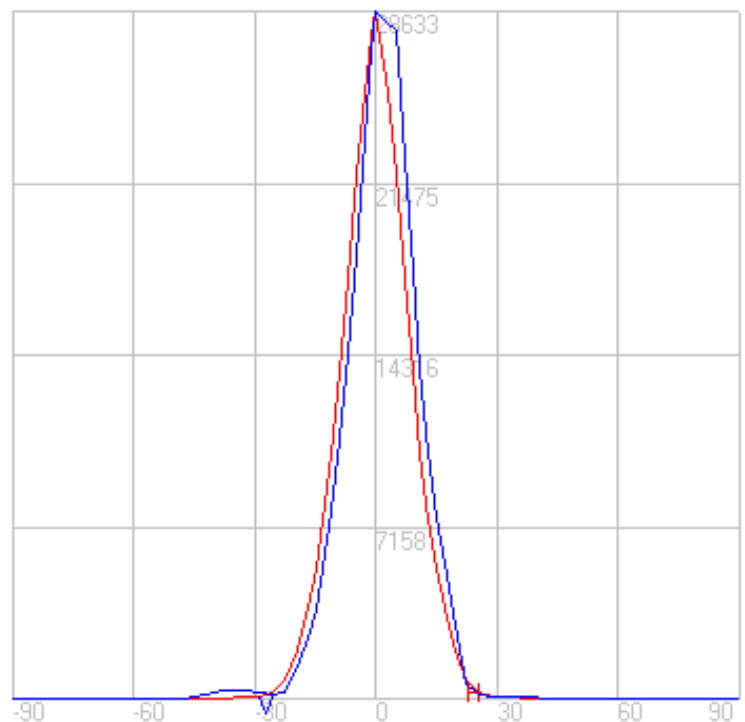
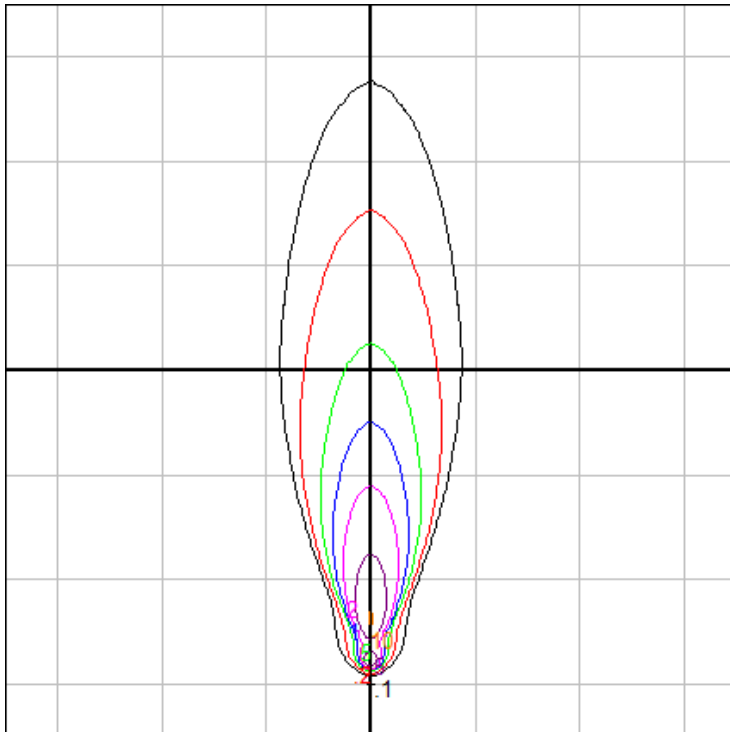


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	28632.78
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	17.3
Vertical Beam Angle (50%)	17.8
Horizontal Field Angle (10%)	36.6
Vertical Field Angle (10%)	36.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1489
Beam Efficiency	N.A.
Field Lumens	3142
Field Efficiency	N.A.
Spill Lumens	459
Luminaire Lumens	3601
Total Efficiency	N.A.
Total Luminaire Watts	50
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	1771.00
10-20	1535.58
20-30	212.46
30-40	52.33
40-50	25.14
50-60	9.74
60-70	5.71
70-80	3.28
80-90	1.51
90-100	0.69
100-110	0.26
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 Distance: 2.5 ft.

Grid Spacing: 15 ft.

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

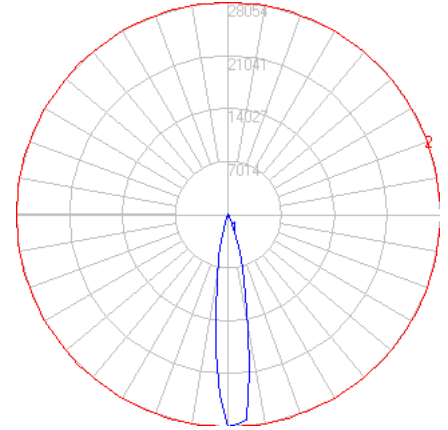
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File: 84302K3_BEGA_IES.ies

TEST: L092112302
TEST LAB: LIGHT LABORATORY, INC.
DATE: 10/3/2021
LUMINAIRE: 84 302K3
LAMP: 44.9W LED

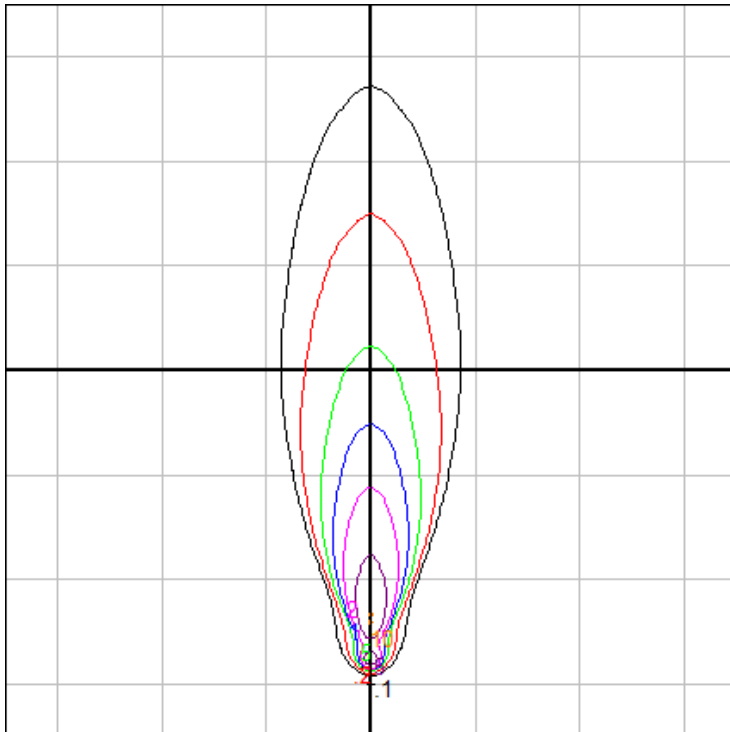


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	28054.341
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	17.3
Vertical Beam Angle (50%)	17.8
Horizontal Field Angle (10%)	36.6
Vertical Field Angle (10%)	36.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1459
Beam Efficiency	N.A.
Field Lumens	3079
Field Efficiency	N.A.
Spill Lumens	450
Luminaire Lumens	3529
Total Efficiency	N.A.
Total Luminaire Watts	50
Ballast Factor	1.00

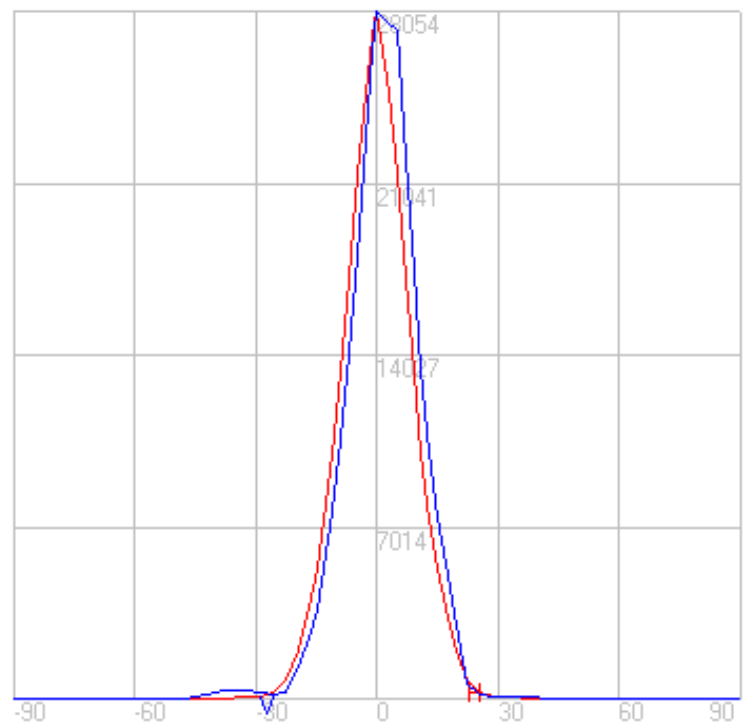
Zonal Lumen Summary

Zone	Lumens
0-10	1735.22
10-20	1504.56
20-30	208.16
30-40	51.28
40-50	24.64
50-60	9.55
60-70	5.59
70-80	3.22
80-90	1.48
90-100	0.68
100-110	0.25
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 Distance: 2.5 ft.

Grid Spacing: 15 ft.



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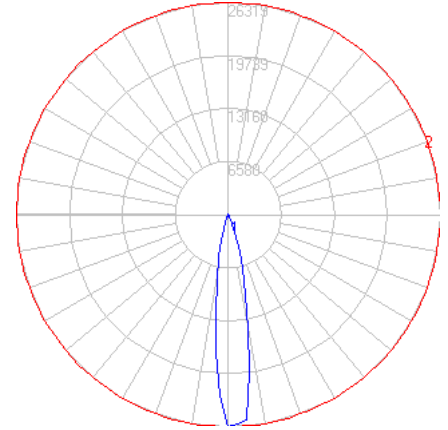
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BEGA

File: 84302K27_BEGA_IES.ies

TEST: L092112302
TEST LAB: LIGHT LABORATORY, INC.
DATE: 10/3/2021
LUMINAIRE: 84 302K27
LAMP: 44.9W LED

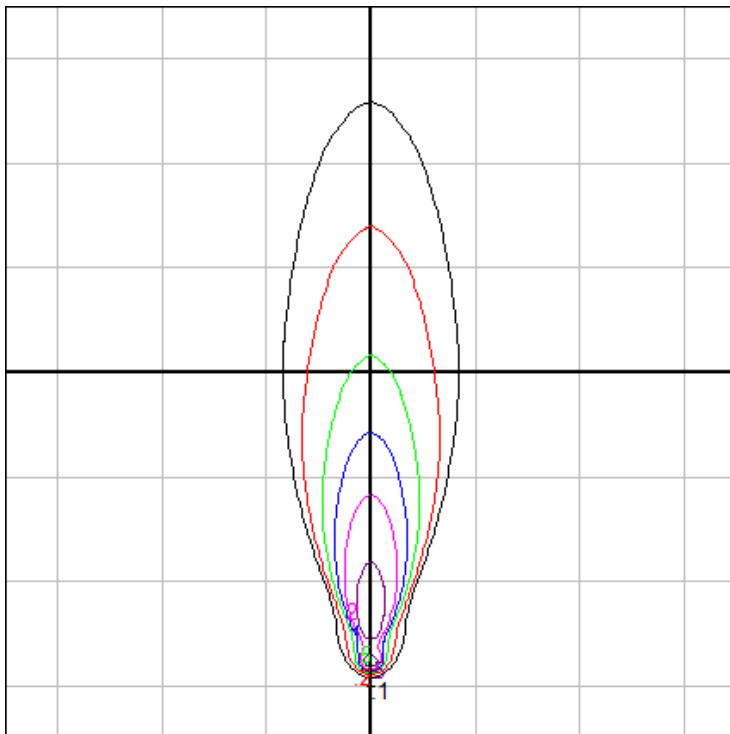


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	26319.021
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	17.3
Vertical Beam Angle (50%)	17.8
Horizontal Field Angle (10%)	36.6
Vertical Field Angle (10%)	36.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1368
Beam Efficiency	N.A.
Field Lumens	2888
Field Efficiency	N.A.
Spill Lumens	422
Luminaire Lumens	3310
Total Efficiency	N.A.
Total Luminaire Watts	50
Ballast Factor	1.00

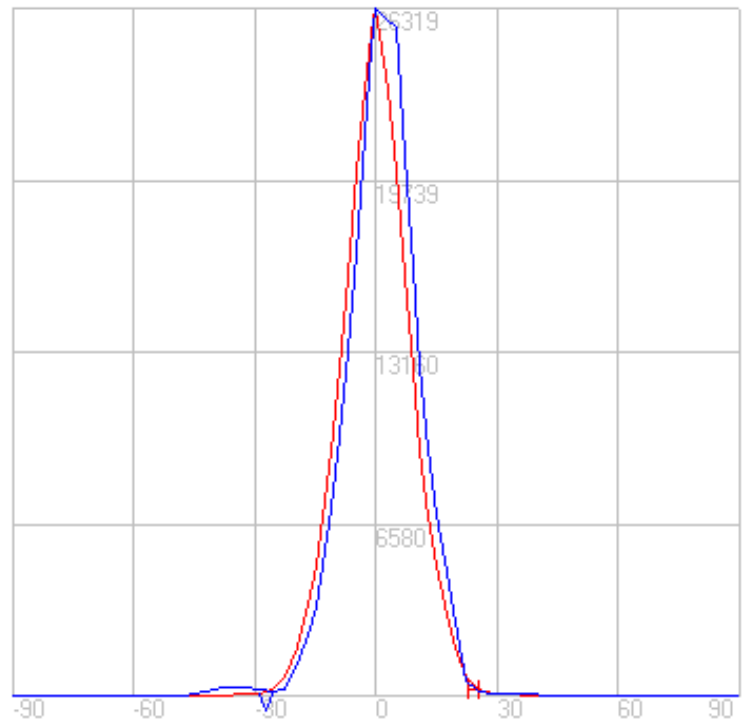
Zonal Lumen Summary

Zone	Lumens
0-10	1627.89
10-20	1411.49
20-30	195.29
30-40	48.11
40-50	23.11
50-60	8.96
60-70	5.25
70-80	3.02
80-90	1.39
90-100	0.64
100-110	0.24
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 Distance: 2.5 ft.

Grid Spacing: 15 ft.



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