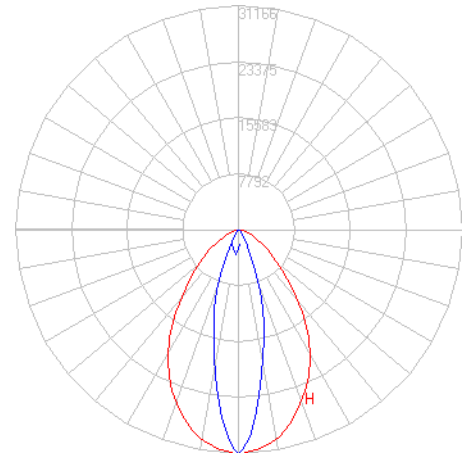


BEGA

Photometric Filename: 84502.IES

TEST: BE_84502
TEST LAB: BEGA
DATE: 1/3/2017
LUMINAIRE: 84 502
LAMP: 174W LED

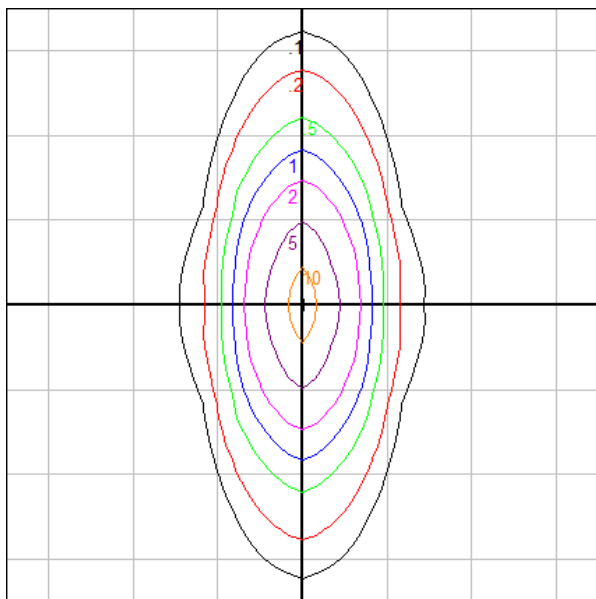


Characteristics

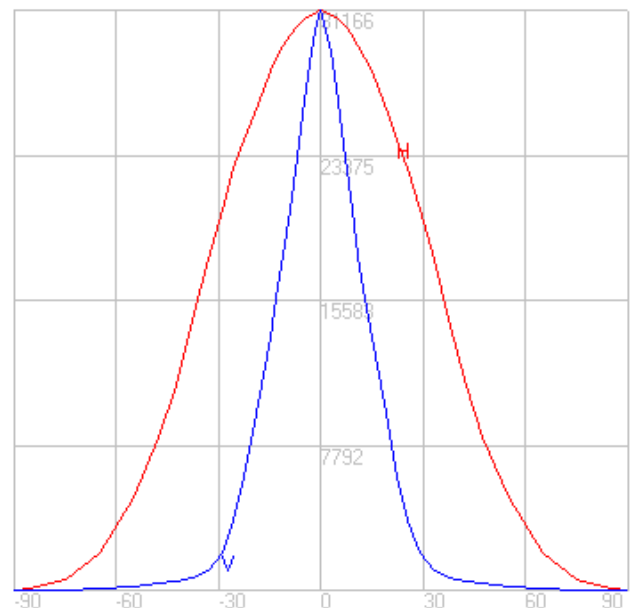
NEMA Type	6 H x 4 V
Maximum Candela	31166.3
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	72.1
Vertical Beam Angle (50%)	26.2
Horizontal Field Angle (10%)	122.7
Vertical Field Angle (10%)	53.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	9156
Beam Efficiency	N.A.
Field Lumens	17321
Field Efficiency	N.A.
Spill Lumens	2199
Luminaire Lumens	19520
Total Efficiency	N.A.
Total Luminaire Watts	200
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	2548.06
10-20	5193.57
20-30	4894.78
30-40	3357.35
40-50	1915.62
50-60	981.84
60-70	438.33
70-80	154.26
80-90	23.57
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



Mounting Height = 50 ft. Grid Spacing = 30 ft.



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

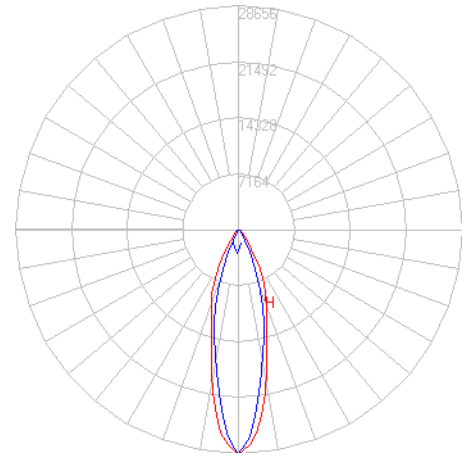
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BEGA

Photometric Filename: 84502_71106.IES

TEST: BE_84502_71106
 TEST LAB: BEGA
 DATE: 1/3/2017
 LUMINAIRE: 84 502 + 71 106
 LAMP: 174W LED

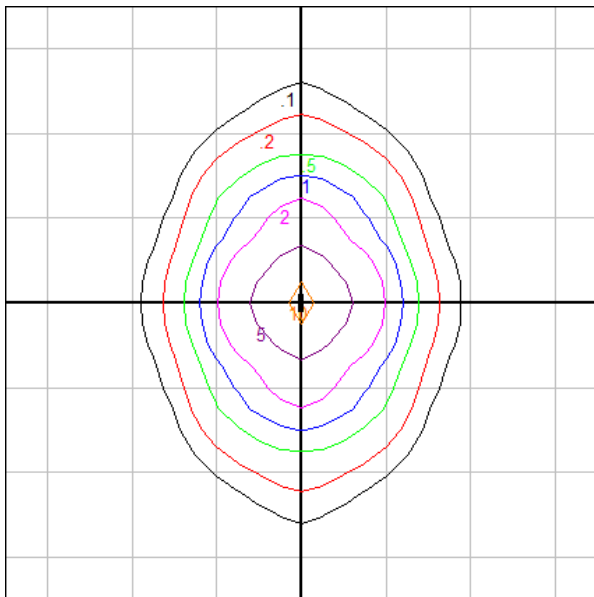


Characteristics

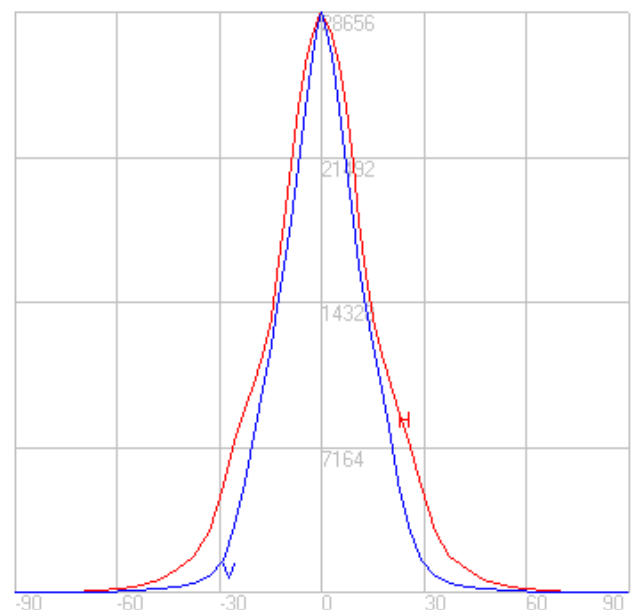
NEMA Type	4 H x 4 V
Maximum Candela	28655.6
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	28.6
Vertical Beam Angle (50%)	25.5
Horizontal Field Angle (10%)	67.1
Vertical Field Angle (10%)	52.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	3079
Beam Efficiency	N.A.
Field Lumens	7516
Field Efficiency	N.A.
Spill Lumens	1386
Luminaire Lumens	8902
Total Efficiency	N.A.
Total Luminaire Watts	200
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	2157.49
10-20	3314.46
20-30	2157.88
30-40	829.66
40-50	283.69
50-60	104.75
60-70	37.38
70-80	11.12
80-90	1.15
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



Mounting Height = 50 ft. Grid Spacing = 20 ft.



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

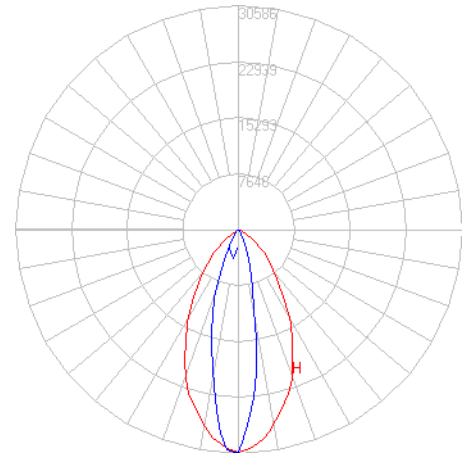
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BEGA

Photometric Filename: 84502_71108.IES

TEST: BE_84502_71108
 TEST LAB: BEGA
 DATE: 1/3/2017
 LUMINAIRE: 84 502 + 71 108
 LAMP: 174W LED

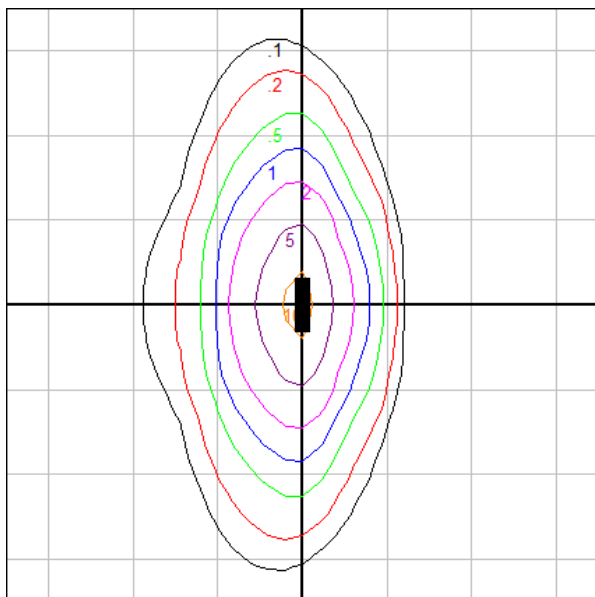


Characteristics

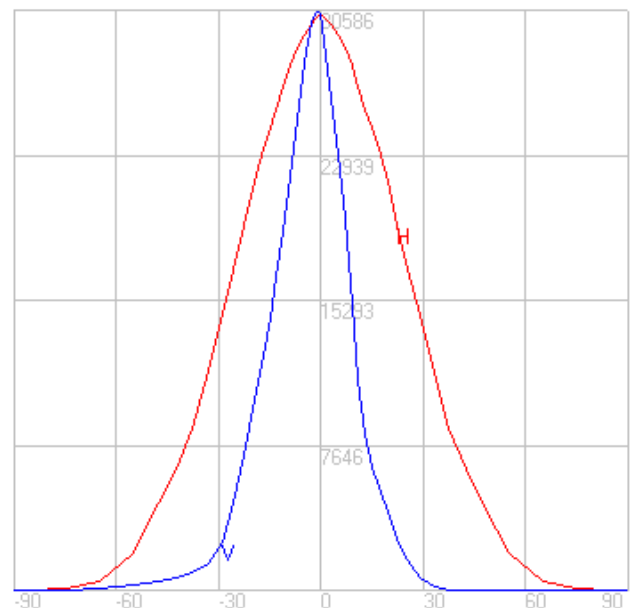
NEMA Type	6 H x 4 V
Maximum Candela	30585.7
Maximum Candela Angle	-1 H -1 V
Horizontal Beam Angle (50%)	56.1
Vertical Beam Angle (50%)	23.1
Horizontal Field Angle (10%)	104.1
Vertical Field Angle (10%)	49.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	6275
Beam Efficiency	N.A.
Field Lumens	12497
Field Efficiency	N.A.
Spill Lumens	1703
Luminaire Lumens	14200
Total Efficiency	N.A.
Total Luminaire Watts	200
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	2401.75
10-20	4325.09
20-30	3625.49
30-40	2092.5
40-50	1057.74
50-60	463.25
60-70	157.58
70-80	48.76
80-90	13.74
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



Mounting Height = 50 ft. Grid Spacing = 25 ft.



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