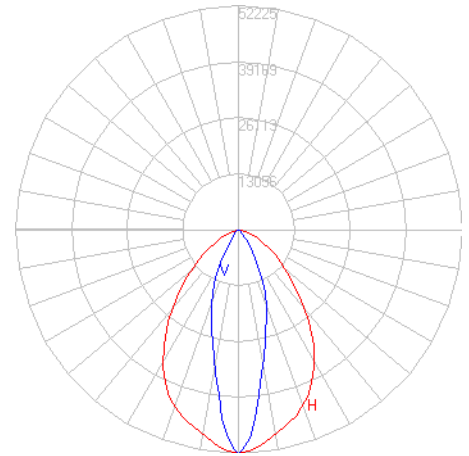


BEGA

Photometric Filename: 84503.IES

TEST: BE_84503
TEST LAB: BEGA
DATE: 6/30/2016
LUMINAIRE: 84 503
LAMP: 346.8W LED

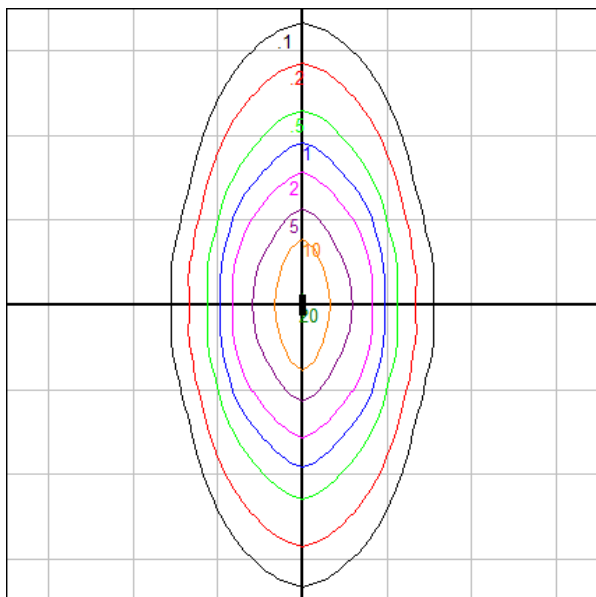


Characteristics

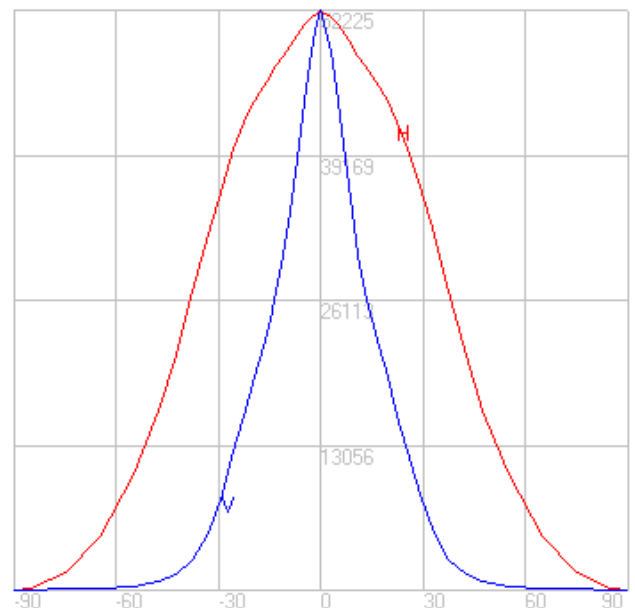
NEMA Type	6 H x 4 V
Maximum Candela	52225.4
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	76.5
Vertical Beam Angle (50%)	27.3
Horizontal Field Angle (10%)	128.6
Vertical Field Angle (10%)	65.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	16474
Beam Efficiency	N.A.
Field Lumens	35455
Field Efficiency	N.A.
Spill Lumens	3793
Luminaire Lumens	39248
Total Efficiency	N.A.
Total Luminaire Watts	390
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	4241.23
10-20	8944.06
20-30	9788.06
30-40	7615.27
40-50	4591.45
50-60	2406.26
60-70	1142.81
70-80	428.44
80-90	68.07
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 = 35 ft.



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

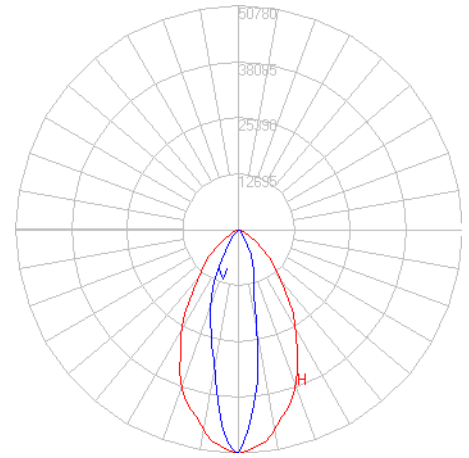
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BEGA

Photometric Filename: 84503_71102.IES

TEST: BE_84503_71102
 TEST LAB: BEGA
 DATE: 6/30/2016
 LUMINAIRE: 84 503 + 71 102
 LAMP: 346.8W LED

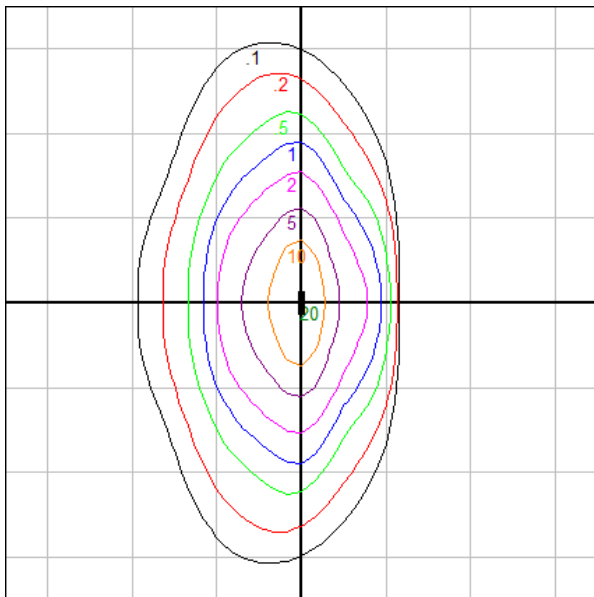


Characteristics

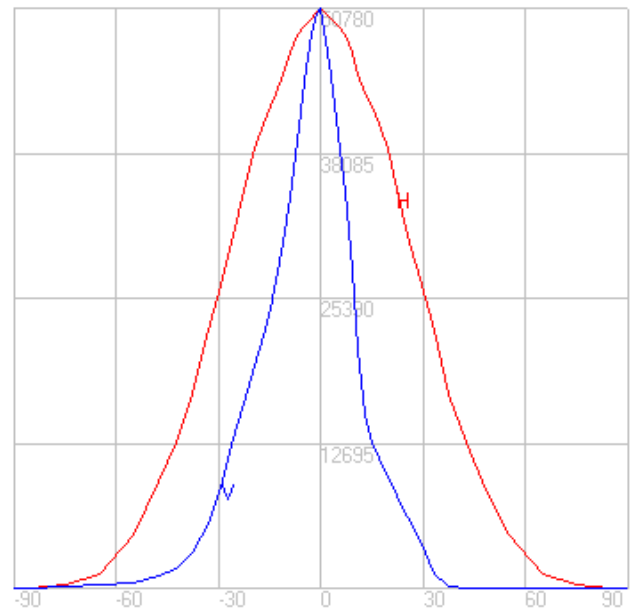
NEMA Type	6 H x 4 V
Maximum Candela	50780.4
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	61.0
Vertical Beam Angle (50%)	24.0
Horizontal Field Angle (10%)	108.9
Vertical Field Angle (10%)	61.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	11489
Beam Efficiency	N.A.
Field Lumens	25188
Field Efficiency	N.A.
Spill Lumens	3161
Luminaire Lumens	28349
Total Efficiency	N.A.
Total Luminaire Watts	390
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	4035.06
10-20	7642.99
20-30	7427.38
30-40	4956.63
40-50	2524.02
50-60	1150.26
60-70	420.40
70-80	127.72
80-90	31.79
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.

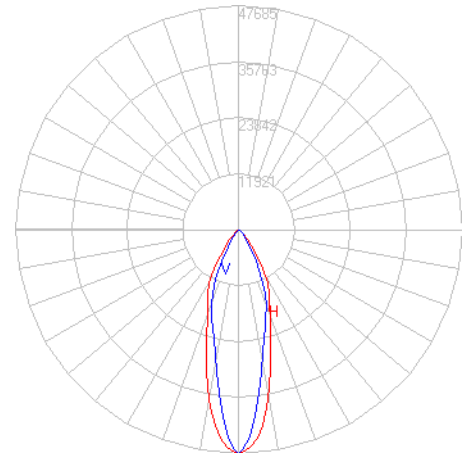
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BEGA

Photometric Filename: 84503_71103.IES

TEST: BE_84503_71103
 TEST LAB: BEGA
 DATE: 6/30/2016
 LUMINAIRE: 84 503 + 71 103
 LAMP: 346.8W LED

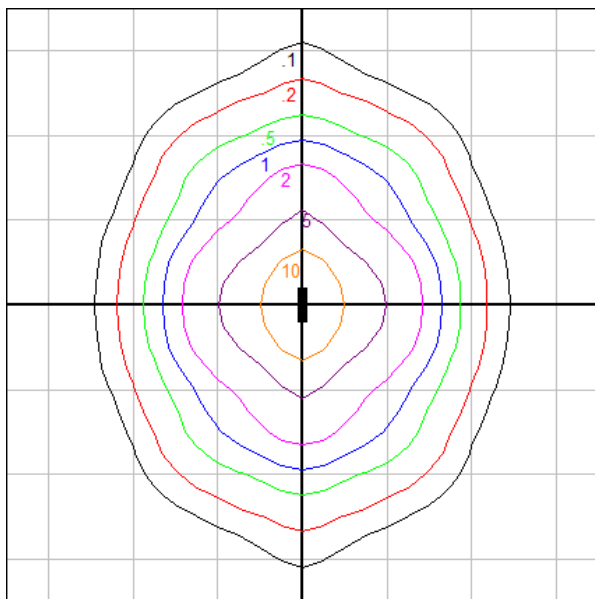


Characteristics

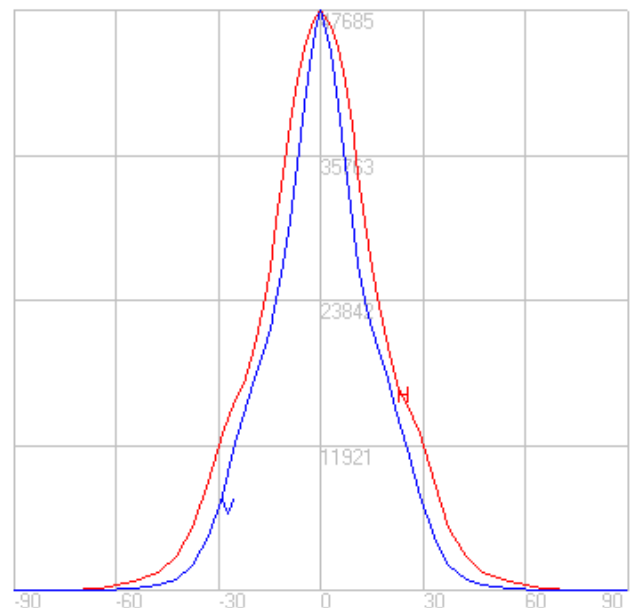
NEMA Type	5 H x 4 V
Maximum Candela	47684.5
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	33.5
Vertical Beam Angle (50%)	26.0
Horizontal Field Angle (10%)	76.7
Vertical Field Angle (10%)	65.0
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	6274
Beam Efficiency	N.A.
Field Lumens	16588
Field Efficiency	N.A.
Spill Lumens	2593
Luminaire Lumens	19181
Total Efficiency	N.A.
Total Luminaire Watts	390
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	3691.8
10-20	6278.16
20-30	5116.99
30-40	2764.03
40-50	902.83
50-60	270.58
60-70	99.15
70-80	33.32
80-90	3.41
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.



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