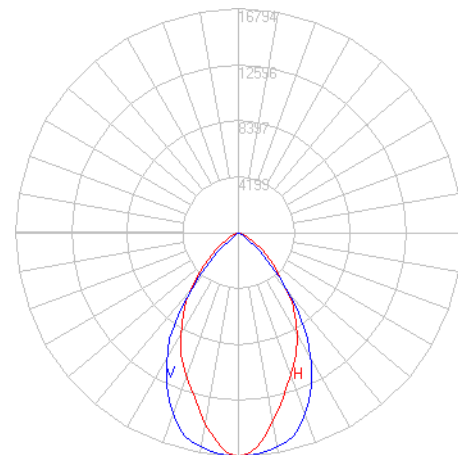


BEGA

Photometric Filename: 84500.IES

TEST: BE_84500
TEST LAB: BEGA
DATE: 1/3/2017
LUMINAIRE: 84 500
LAMP: 174W LED

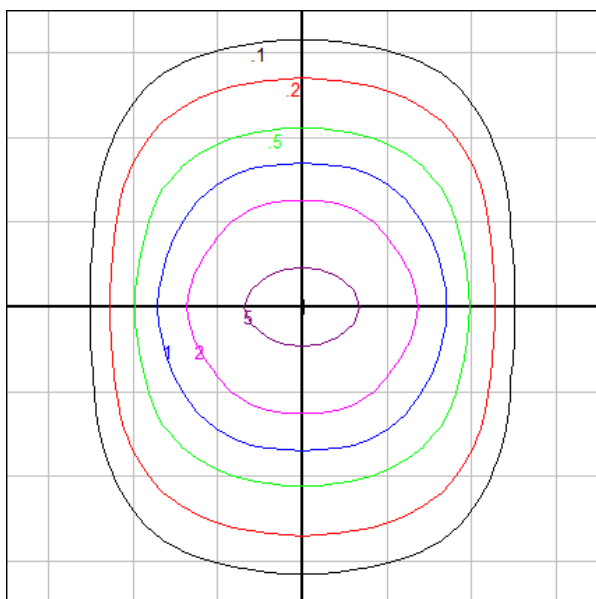


Characteristics

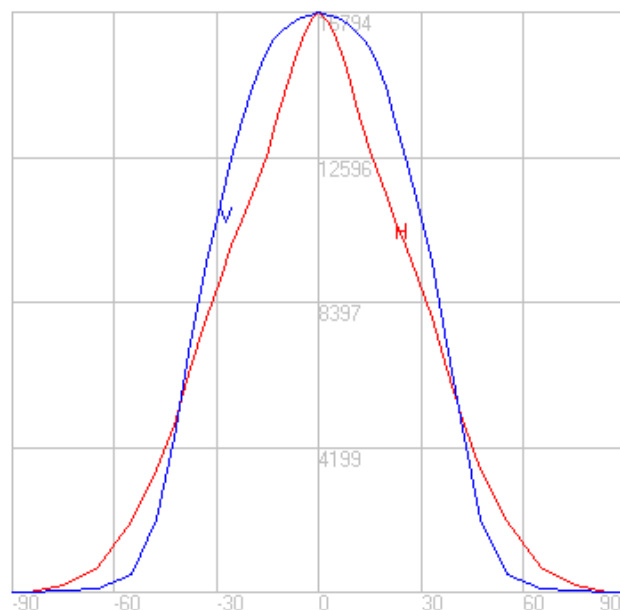
NEMA Type	6 H x 5 V
Maximum Candela	16794.1
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	62.7
Vertical Beam Angle (50%)	70.4
Horizontal Field Angle (10%)	115.8
Vertical Field Angle (10%)	99.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	12318
Beam Efficiency	N.A.
Field Lumens	19627
Field Efficiency	N.A.
Spill Lumens	1345
Luminaire Lumens	20971
Total Efficiency	N.A.
Total Luminaire Watts	200
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	1529.51
10-20	3954.58
20-30	5144.14
30-40	4907.71
40-50	3266.57
50-60	1441.53
60-70	486.07
70-80	145.99
80-90	22.88
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.



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

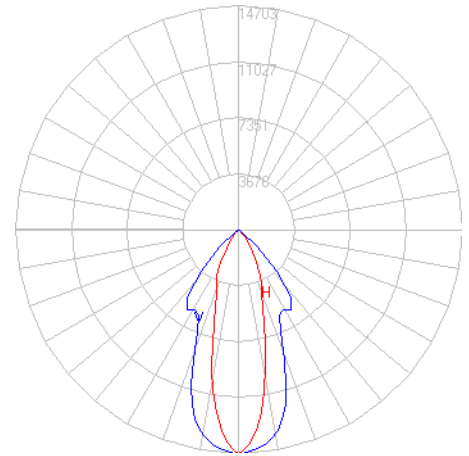
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2/14/2018

BEGA

Photometric Filename: 84500_71107.IES

TEST: BE_84500_71107
 TEST LAB: BEGA
 DATE: 1/3/2017
 LUMINAIRE: 84 500 + 71 107
 LAMP: 174W LED

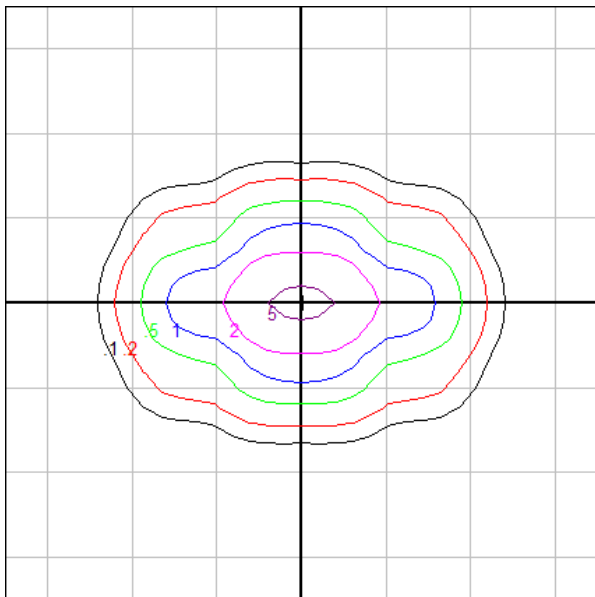


Characteristics

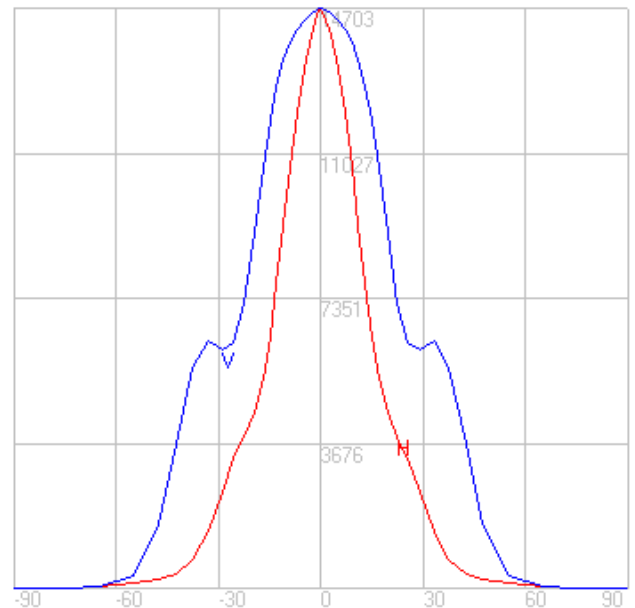
NEMA Type	4 H x 5 V
Maximum Candela	14702.7
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	27.1
Vertical Beam Angle (50%)	44.6
Horizontal Field Angle (10%)	65.8
Vertical Field Angle (10%)	96.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	3280
Beam Efficiency	N.A.
Field Lumens	7379
Field Efficiency	N.A.
Spill Lumens	874
Luminaire Lumens	8253
Total Efficiency	N.A.
Total Luminaire Watts	200
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	1252.81
10-20	2458.34
20-30	1984.79
30-40	1494.55
40-50	786.36
50-60	196.09
60-70	41.19
70-80	10.60
80-90	1.16
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.



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

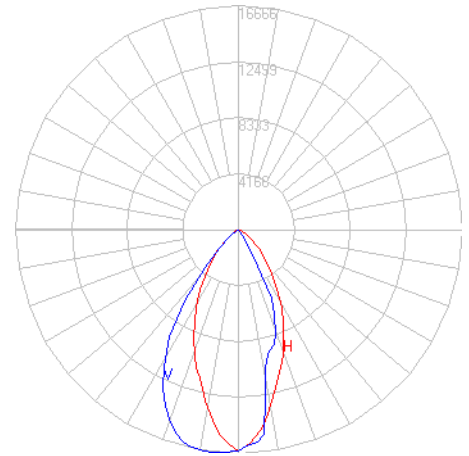
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BEGA

Photometric Filename: 84500_71108.IES

TEST: BE_84500_71108
 TEST LAB: BEGA
 DATE: 1/3/2017
 LUMINAIRE: 84 500 + 71 108
 LAMP: 174W LED

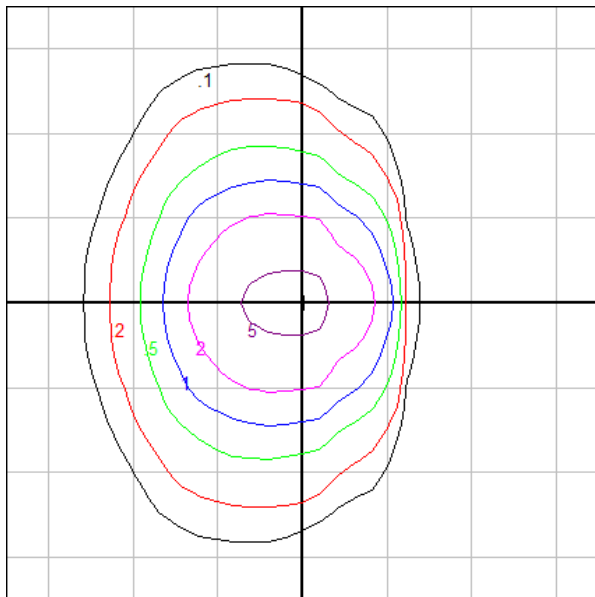


Characteristics

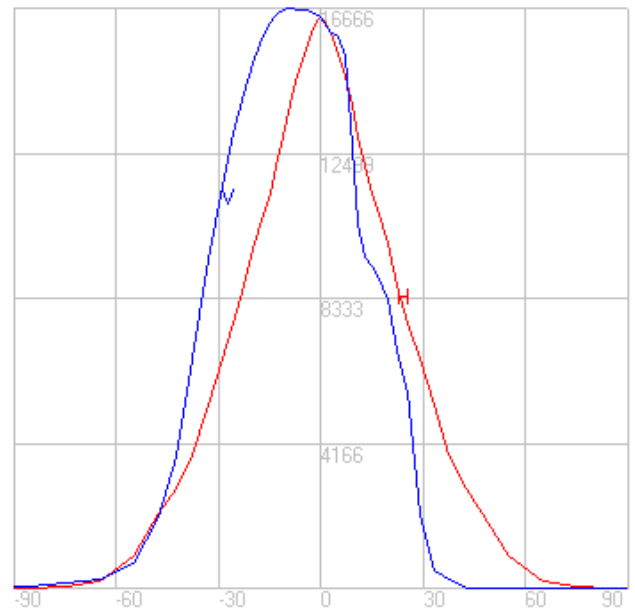
NEMA Type	6 H x 5 V
Maximum Candela	16665.5
Maximum Candela Angle	0 H -9 V
Horizontal Beam Angle (50%)	49.9
Vertical Beam Angle (50%)	54.1
Horizontal Field Angle (10%)	103.0
Vertical Field Angle (10%)	79.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	7187
Beam Efficiency	N.A.
Field Lumens	12728
Field Efficiency	N.A.
Spill Lumens	1057
Luminaire Lumens	13785
Total Efficiency	N.A.
Total Luminaire Watts	200
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	1450.62
10-20	3300.97
20-30	3768.85
30-40	2784.85
40-50	1519.04
50-60	627.73
60-70	200.17
70-80	69.19
80-90	25.91
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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