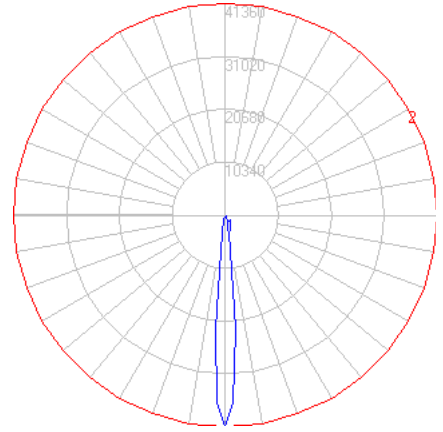


BEGA

Photometric Filename: 84504.ies

TEST: BE_84504
TEST LAB: BEGA
DATE: 2/27/2017
LUMINAIRE: 84 504
LAMP: 38.1W LED

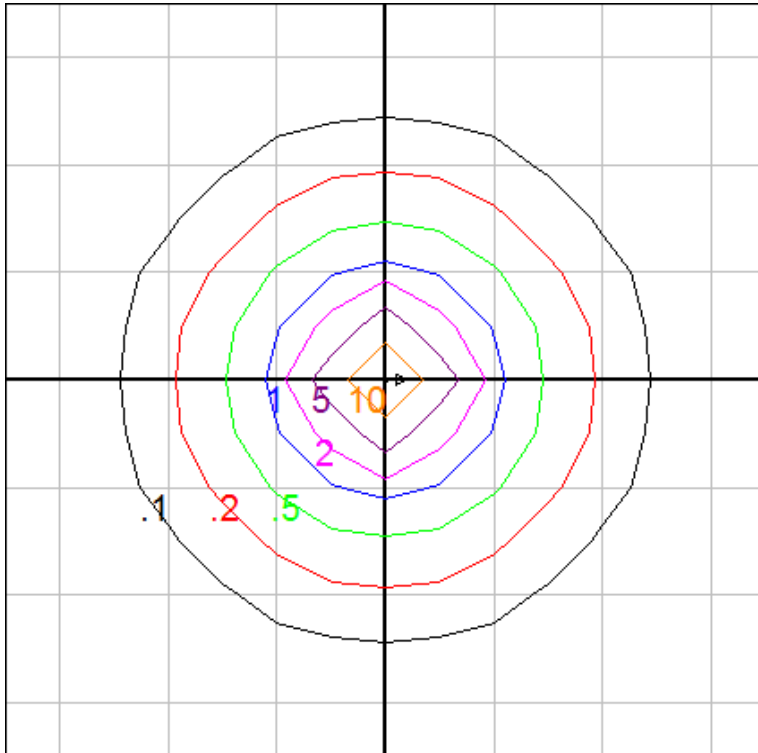


Characteristics

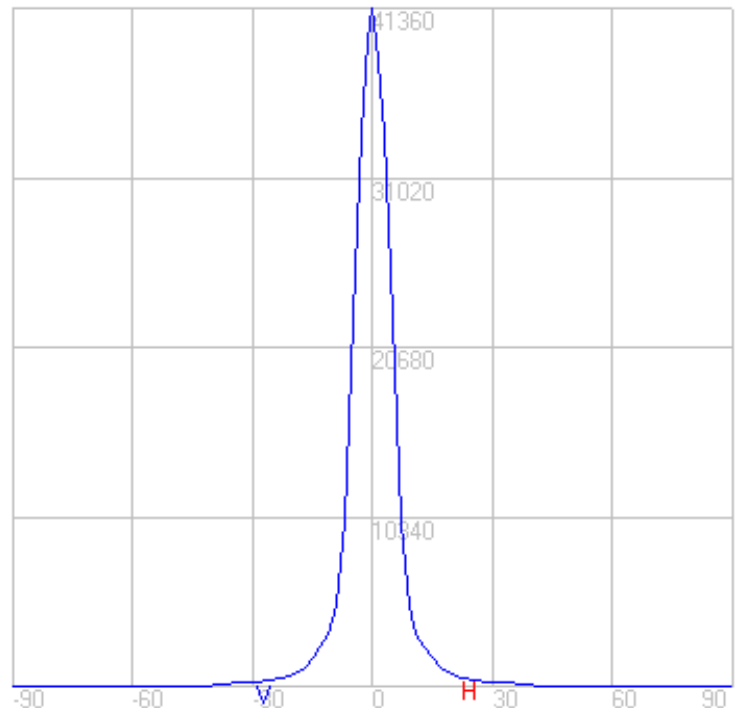
NEMA Type	2 H x 2 V
Maximum Candela	41360
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	10.6
Vertical Beam Angle (50%)	10.6
Horizontal Field Angle (10%)	19.9
Vertical Field Angle (10%)	19.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	762
Beam Efficiency	N.A.
Field Lumens	1334
Field Efficiency	N.A.
Spill Lumens	910
Luminaire Lumens	2244
Total Efficiency	N.A.
Total Luminaire Watts	42

Zonal Lumen Summary

Zone	Lumens
0-10	1420.63
10-20	487.28
20-30	179.12
30-40	107.40
40-50	40.60
50-60	28.41
60-70	8.23
70-80	1.93
80-90	0.16
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



Fixture Setback = 50 ft. Grid Spacing = 10 ft.



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

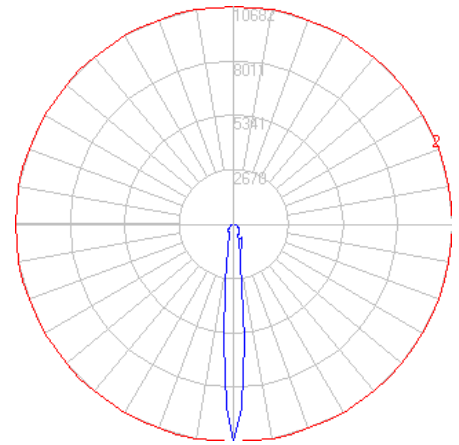
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BEGA

Photometric Filename: 84504_71113.ies

TEST: BE_84504 + 71113
 TEST LAB: BEGA
 DATE: 2/27/2017
 LUMINAIRE: 84 504 + 71 113
 LAMP: 38.1W LED

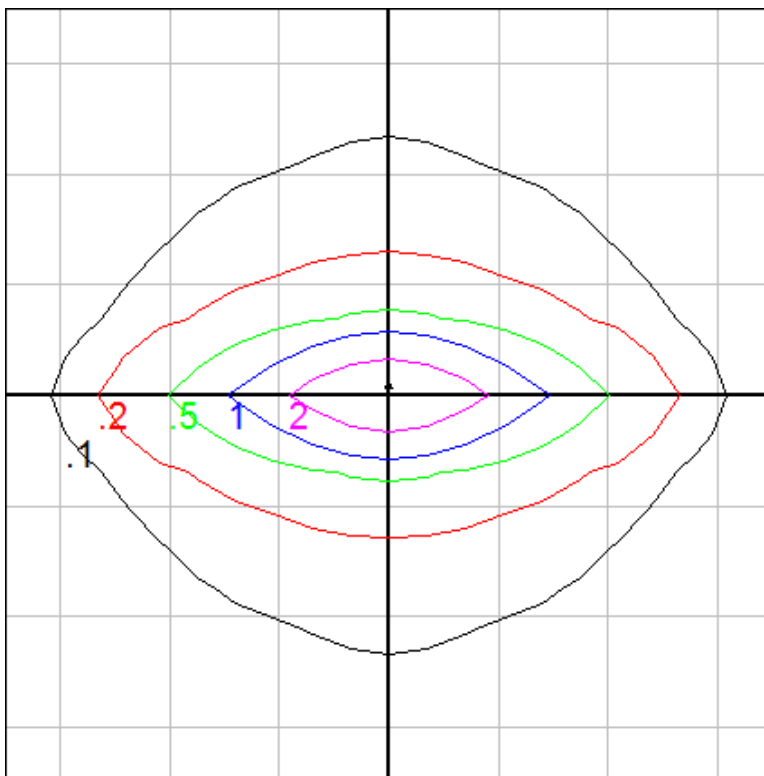


Characteristics

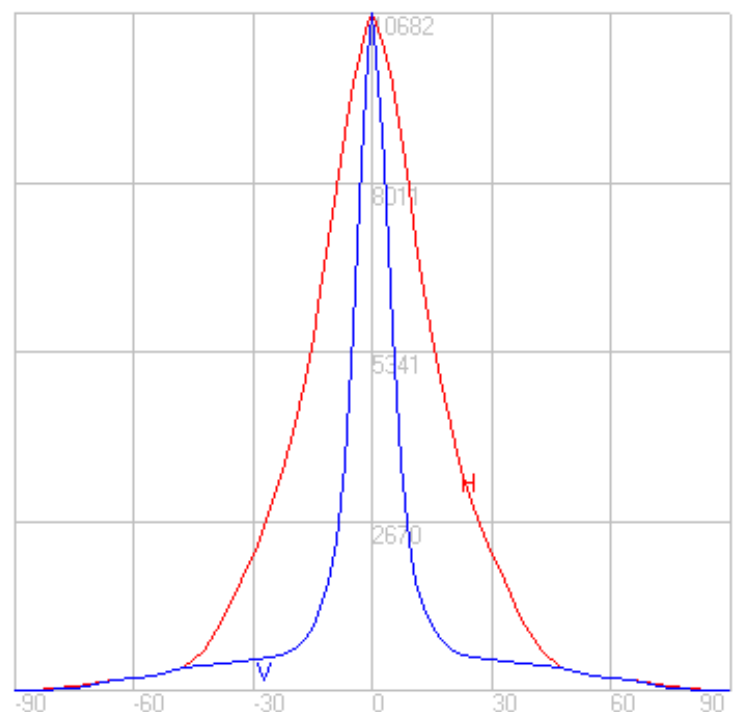
NEMA Type	5 H x 3 V
Maximum Candela	10681.8
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	31.4
Vertical Beam Angle (50%)	10.7
Horizontal Field Angle (10%)	76.2
Vertical Field Angle (10%)	29.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	563
Beam Efficiency	N.A.
Field Lumens	1474
Field Efficiency	N.A.
Spill Lumens	1201
Luminaire Lumens	2675
Total Efficiency	N.A.
Total Luminaire Watts	42

Zonal Lumen Summary

Zone	Lumens
0-10	596.97
10-20	636.89
20-30	458.59
30-40	370.17
40-50	273.10
50-60	184.06
60-70	107.36
70-80	41.55
80-90	7.91
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



Fixture Setback = 50 ft. Grid Spacing = 15 ft.



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

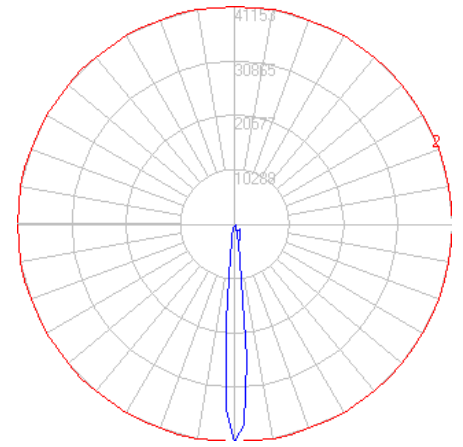
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BEGA

Photometric Filename: 84504_71111.ies

TEST: BE_84504_71111
TEST LAB: BEGA
DATE: 2/27/2017
LUMINAIRE: 84504_71111
LAMP: 38.1W LED

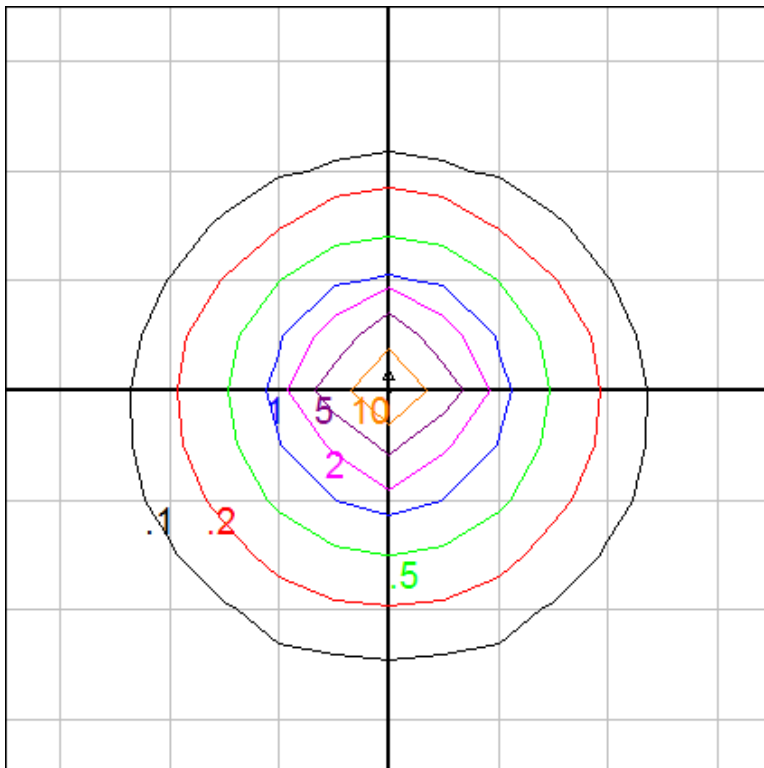


Characteristics

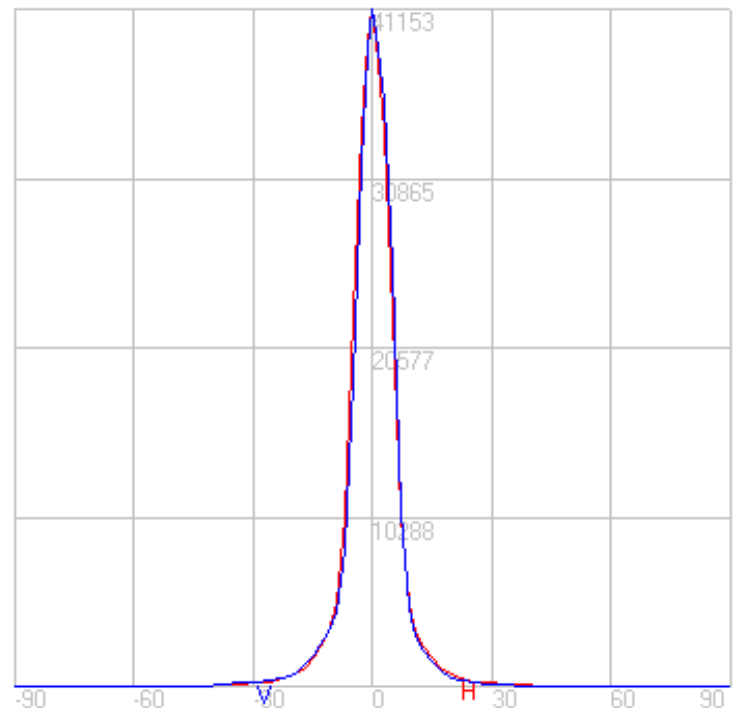
NEMA Type	2 H x 2 V
Maximum Candela	41153.2
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	10.7
Vertical Beam Angle (50%)	10.4
Horizontal Field Angle (10%)	20.1
Vertical Field Angle (10%)	19.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	759
Beam Efficiency	N.A.
Field Lumens	1338
Field Efficiency	N.A.
Spill Lumens	805
Luminaire Lumens	2144
Total Efficiency	N.A.
Total Luminaire Watts	42

Zonal Lumen Summary

Zone	Lumens
0-10	1415.05
10-20	482.12
20-30	157.46
30-40	73.50
40-50	26.76
50-60	14.70
60-70	3.61
70-80	0.76
80-90	0.08
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



Fixture Setback = 50 ft. Grid Spacing = 10 ft.



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