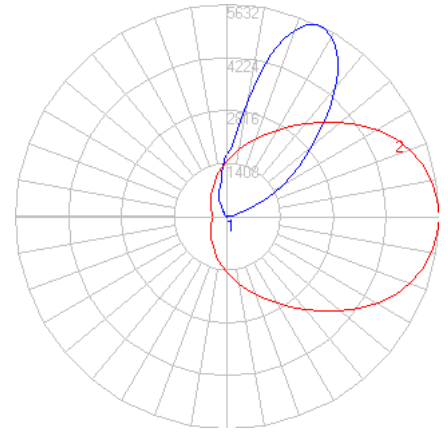


BEGA

File: 84300K4.ies

TEST: BE_84300K4
TEST LAB: BEGA
DATE: 02/15/2019
LUMINAIRE: 84 300K4
LAMP: 46.8W LED

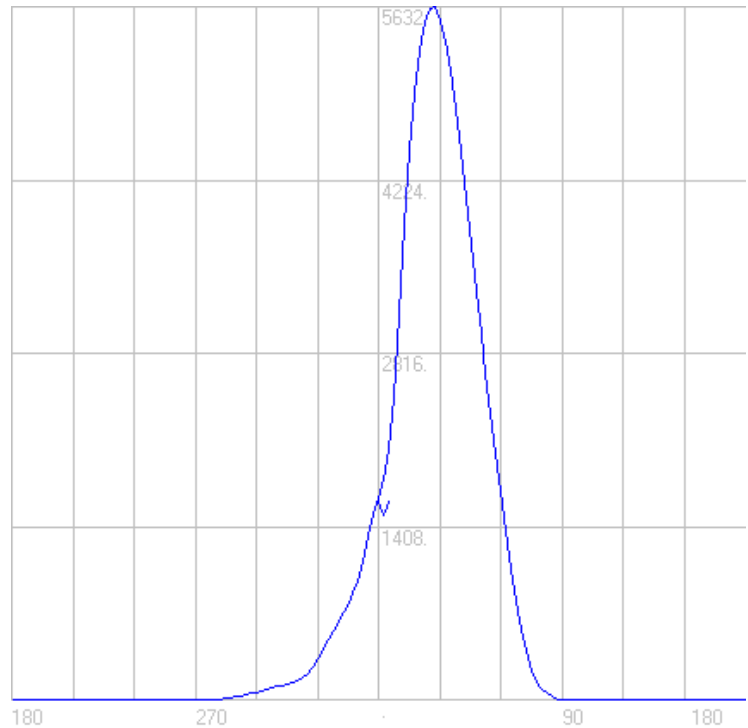
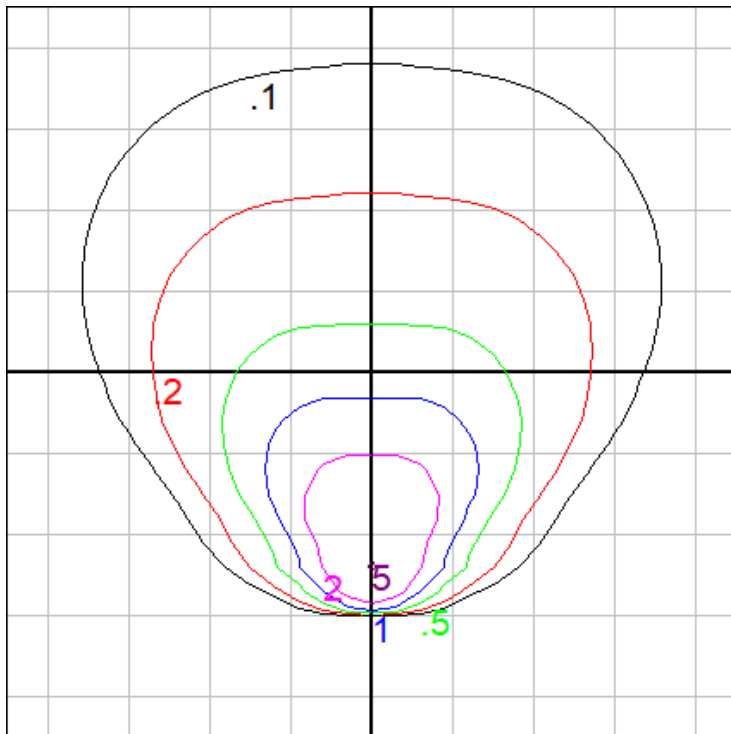


Characteristics

NEMA Type	6 H x 5 V
Maximum Candela	5620.3
Maximum Candela Angle	0 H 25.5 V
Horizontal Beam Angle (50%)	52.8
Vertical Beam Angle (50%)	42.6
Horizontal Field Angle (10%)	105.8
Vertical Field Angle (10%)	93.9
Lumens Per Lamp	5033 (1 lamp)
Total Lamp Lumens	5033
Beam Lumens	2153
Beam Efficiency	43 %
Field Lumens	4593
Field Efficiency	91 %
Spill Lumens	458
Luminaire Lumens	5052
Total Efficiency	100 %
Total Luminaire Watts	53.0
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.01
90-100	11.62
100-110	88.52
110-120	327.99
120-130	684.37
130-140	991.62
140-150	1147.29
150-160	1022.83
160-170	594.39
170-180	164.03



Fixture Setback: 3 ft.

Grid Spacing: 5 ft.

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

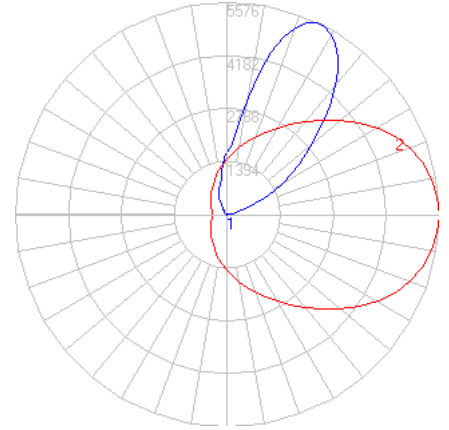
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BEGA

File: 84300K35.ies

TEST: BE_84300K4
TEST LAB: BEGA
DATE: 02/15/2019
LUMINAIRE: 84 300K35
LAMP: 46.8W LED

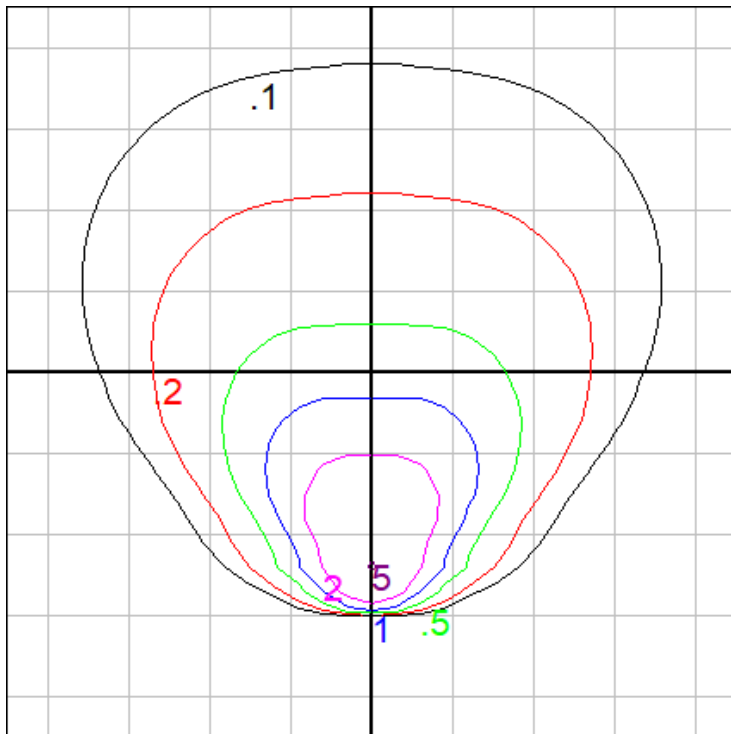


Characteristics

Maximum Candela	5564.117
Maximum Candela Angle	0 H 25.5 V
Horizontal Beam Angle (50%)	52.8
Vertical Beam Angle (50%)	42.6
Horizontal Field Angle (10%)	105.8
Vertical Field Angle (10%)	93.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2132
Beam Efficiency	N.A.
Field Lumens	4548
Field Efficiency	N.A.
Spill Lumens	454
Luminaire Lumens	5001
Total Efficiency	N.A.
Total Luminaire Watts	53.0
Ballast Factor	1.00

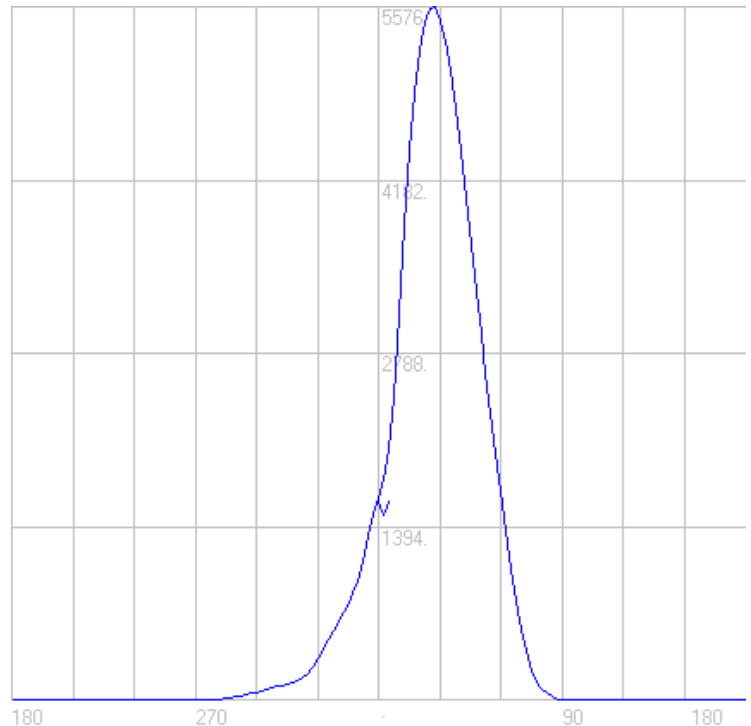
Zonal Lumen Summary

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.01
90-100	11.51
100-110	87.64
110-120	324.71
120-130	677.52
130-140	981.70
140-150	1135.81
150-160	1012.6
160-170	588.45
170-180	162.39



Fixture Setback: 3 ft.

Grid Spacing: 5 ft.



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

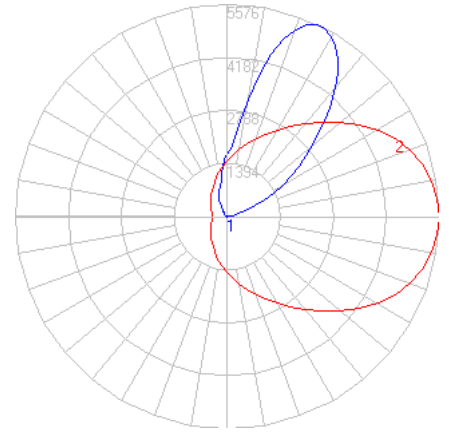
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BEGA

File: 84300K3.ies

TEST: BE_84300K4
 TEST LAB: BEGA
 DATE: 02/15/2019
 LUMINAIRE: 84 300K3
 LAMP: 46.8W LED

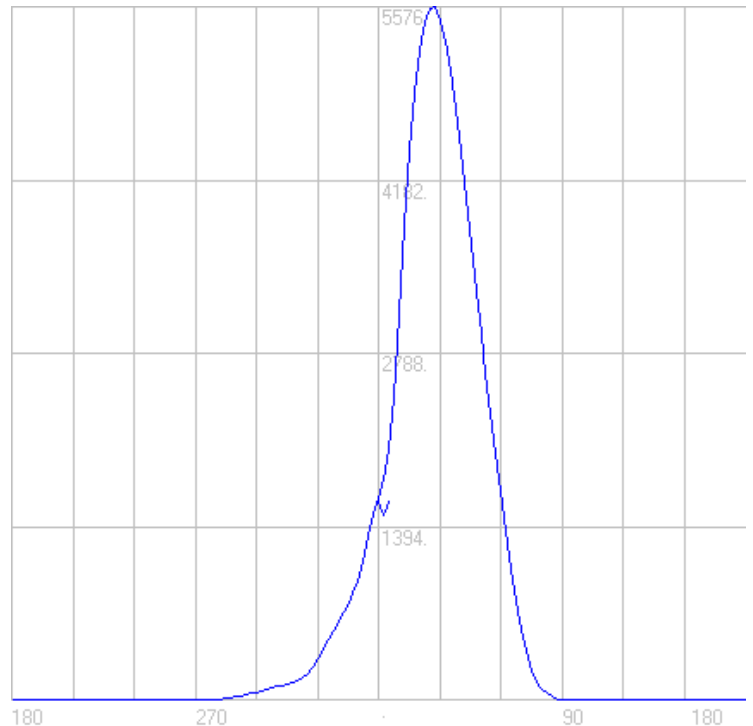
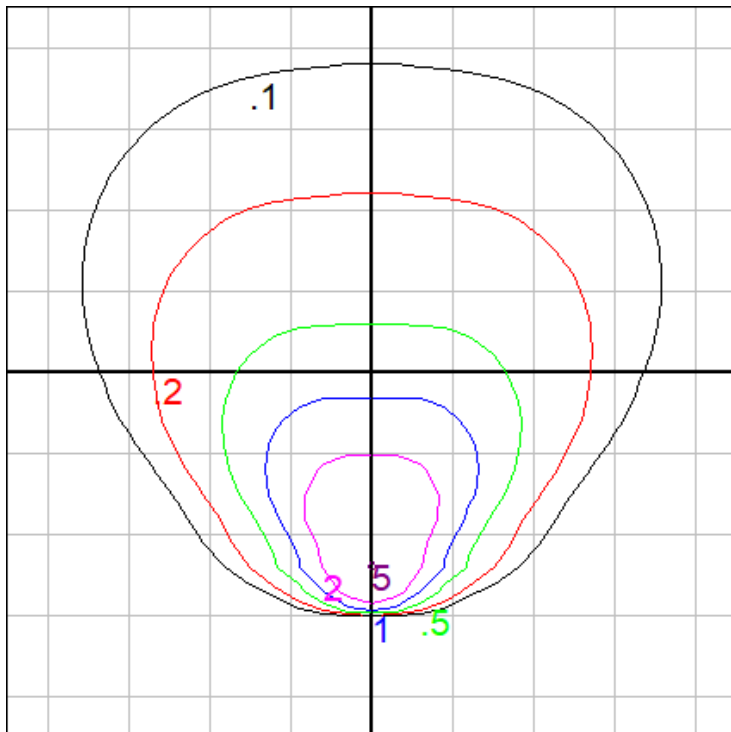


Characteristics

NEMA Type	6 H x 5 V
Maximum Candela	5564.117
Maximum Candela Angle	0 H 25.5 V
Horizontal Beam Angle (50%)	52.8
Vertical Beam Angle (50%)	42.6
Horizontal Field Angle (10%)	105.8
Vertical Field Angle (10%)	93.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2132
Beam Efficiency	N.A.
Field Lumens	4548
Field Efficiency	N.A.
Spill Lumens	454
Luminaire Lumens	5001
Total Efficiency	N.A.
Total Luminaire Watts	53.0
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.01
90-100	11.51
100-110	87.64
110-120	324.71
120-130	677.52
130-140	981.70
140-150	1135.81
150-160	1012.6
160-170	588.45
170-180	162.39



Fixture Setback: 3 ft.

Grid Spacing: 5 ft.

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

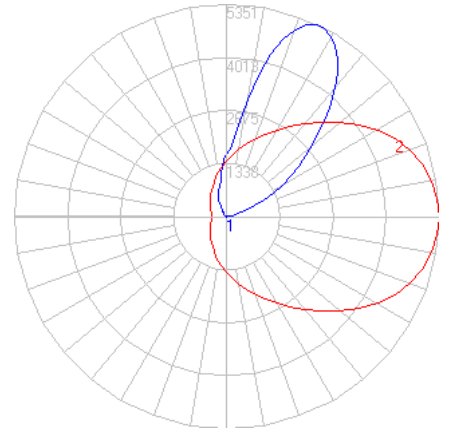
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BEGA

File: 84300K27.ies

TEST: BE_84300K4
TEST LAB: BEGA
DATE: 02/15/2019
LUMINAIRE: 84 300K27
LAMP: 46.8W LED

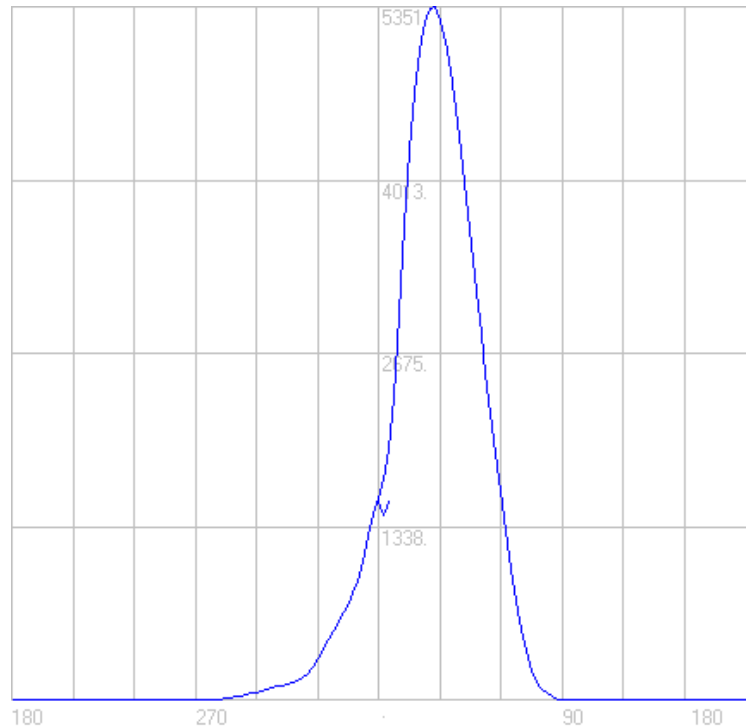
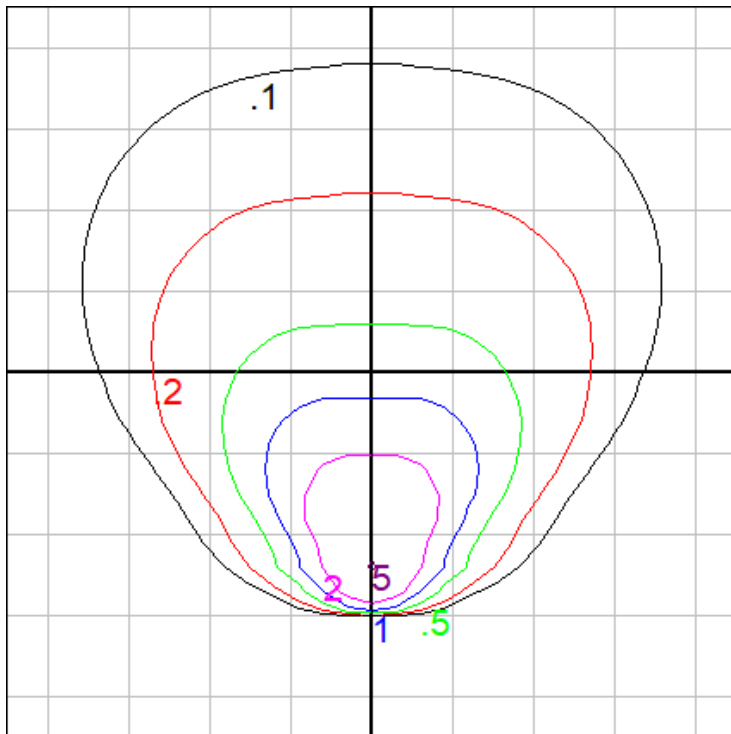


Characteristics

NEMA Type	6 H x 5 V
Maximum Candela	5339.304
Maximum Candela Angle	0 H 25.5 V
Horizontal Beam Angle (50%)	52.8
Vertical Beam Angle (50%)	42.6
Horizontal Field Angle (10%)	105.8
Vertical Field Angle (10%)	93.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2046
Beam Efficiency	N.A.
Field Lumens	4364
Field Efficiency	N.A.
Spill Lumens	435
Luminaire Lumens	4799
Total Efficiency	N.A.
Total Luminaire Watts	53.0
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.01
90-100	11.04
100-110	84.10
110-120	311.59
120-130	650.15
130-140	942.04
140-150	1089.92
150-160	971.68
160-170	564.67
170-180	155.83



Fixture Setback: 3 ft.

Grid Spacing: 5 ft.

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