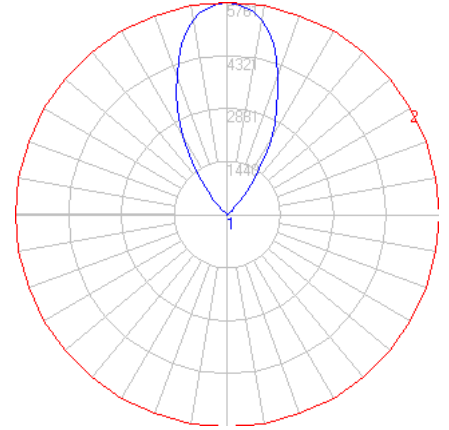


BEGA

File: 84298K4.ies

TEST: BE_84298K4
TEST LAB: BEGA
DATE: 02/15/2019
LUMINAIRE: 84 298K4
LAMP: 46.8W LED

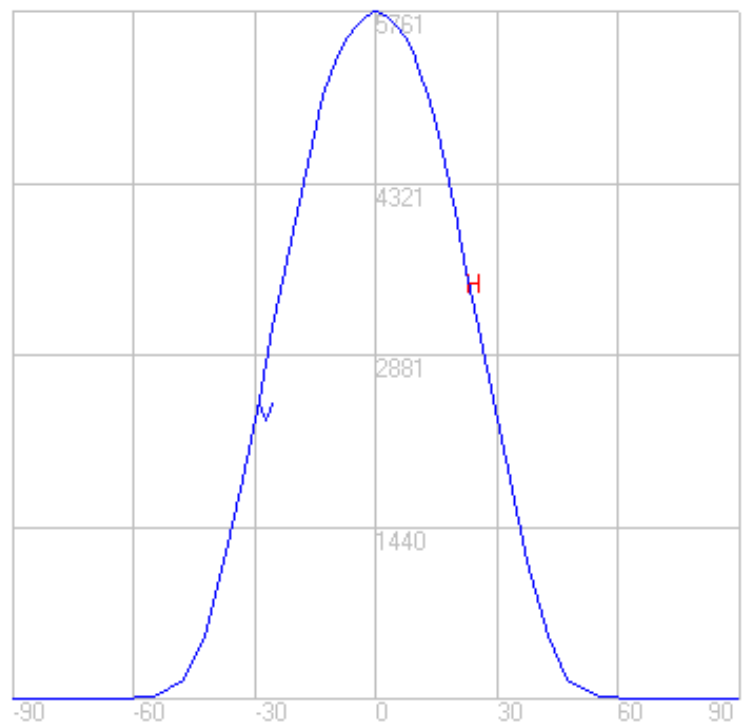
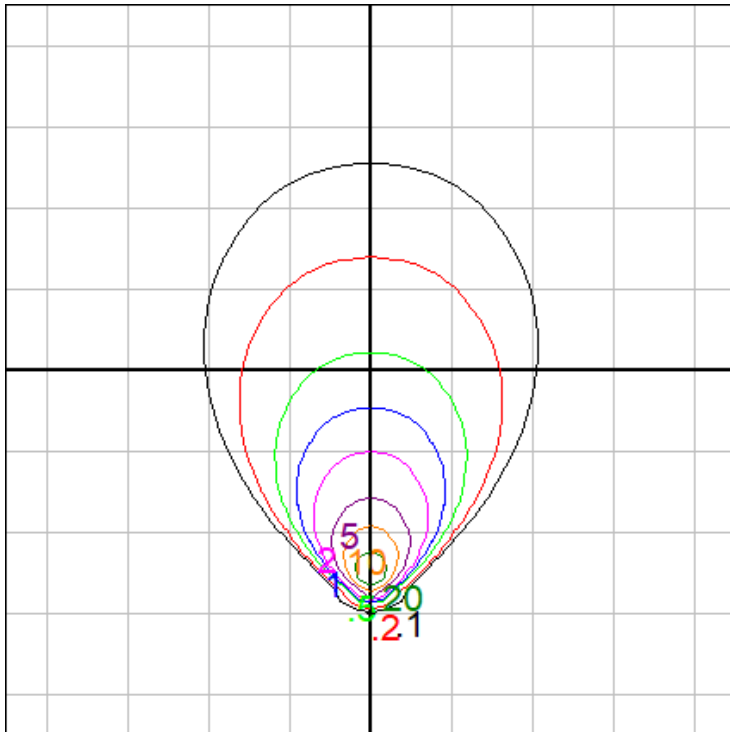


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	5761
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	53.7
Vertical Beam Angle (50%)	53.7
Horizontal Field Angle (10%)	84.3
Vertical Field Angle (10%)	84.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2836
Beam Efficiency	N.A.
Field Lumens	4376
Field Efficiency	N.A.
Spill Lumens	204
Luminaire Lumens	4580
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	0.00
90-100	1.02
100-110	3.52
110-120	5.86
120-130	19.31
130-140	272.86
140-150	952.25
150-160	1452.74
160-170	1329.49
170-180	530.20



Fixture Setback: 3 ft.

Grid Spacing: 10 ft.

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

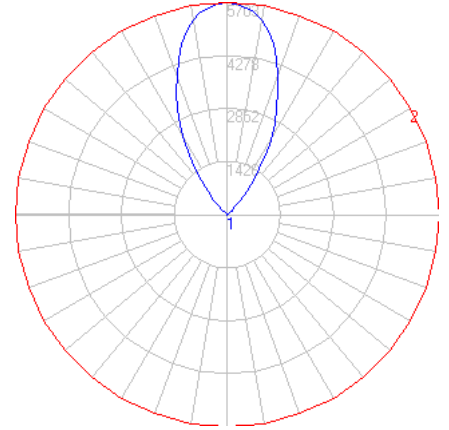
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File: 84298K35.ies

TEST: BE_84298K4
TEST LAB: BEGA
DATE: 02/15/2019
LUMINAIRE: 84 298K35
LAMP: 46.8W LED

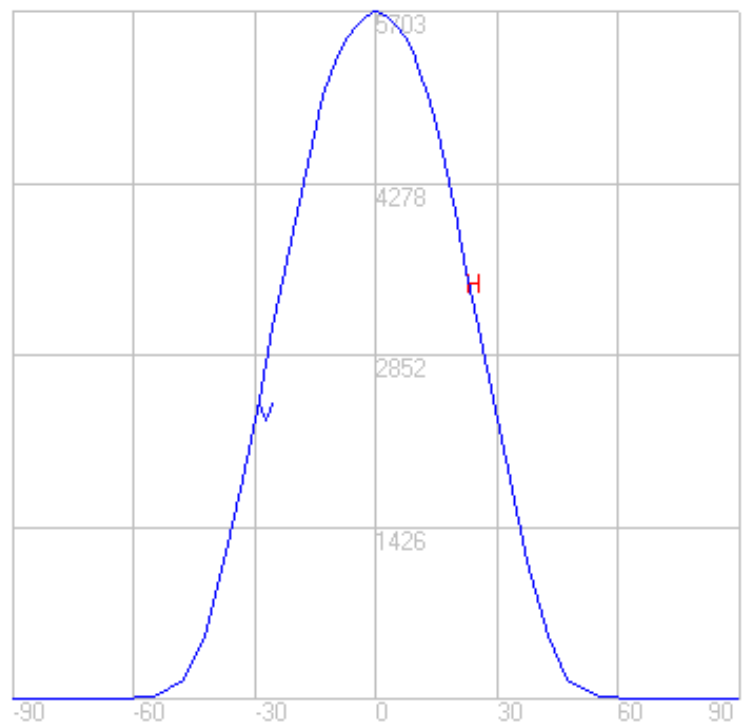
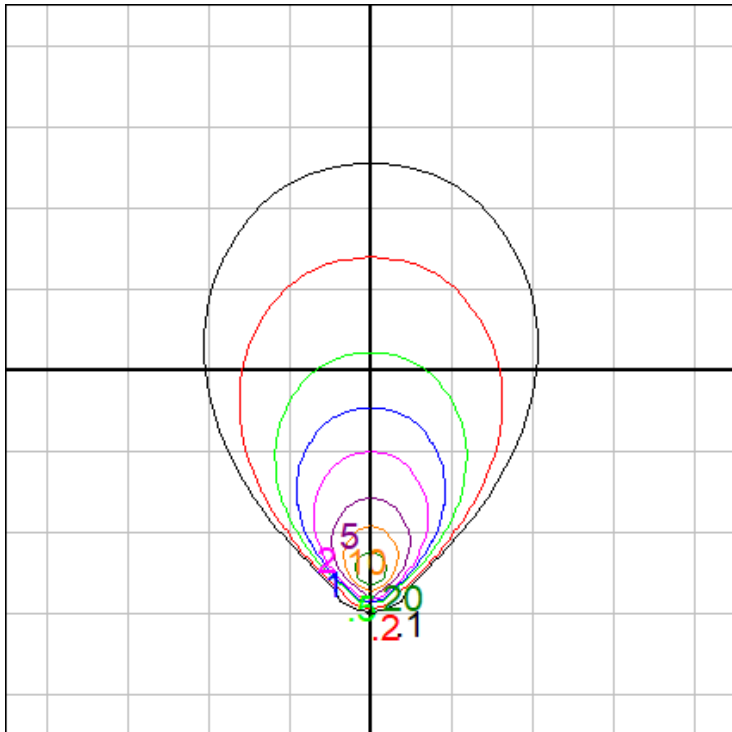


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	5703.39
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	53.7
Vertical Beam Angle (50%)	53.7
Horizontal Field Angle (10%)	84.3
Vertical Field Angle (10%)	84.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2808
Beam Efficiency	N.A.
Field Lumens	4333
Field Efficiency	N.A.
Spill Lumens	202
Luminaire Lumens	4534
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	0.00
90-100	1.01
100-110	3.49
110-120	5.80
120-130	19.12
130-140	270.13
140-150	942.73
150-160	1438.21
160-170	1316.19
170-180	524.90



Fixture Setback: 3 ft.

Grid Spacing: 10 ft.

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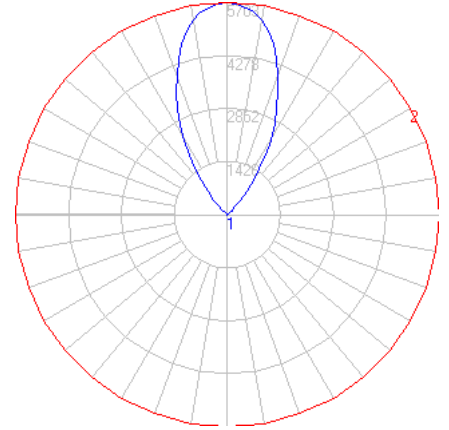
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File: 84298K3.ies

TEST: BE_84298K4
TEST LAB: BEGA
DATE: 02/15/2019
LUMINAIRE: 84 298K3
LAMP: 46.8W LED

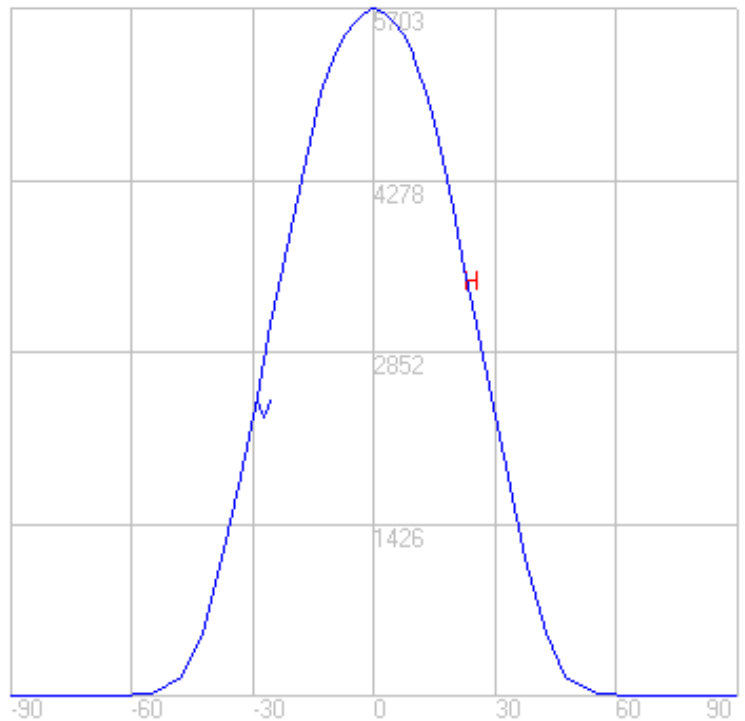
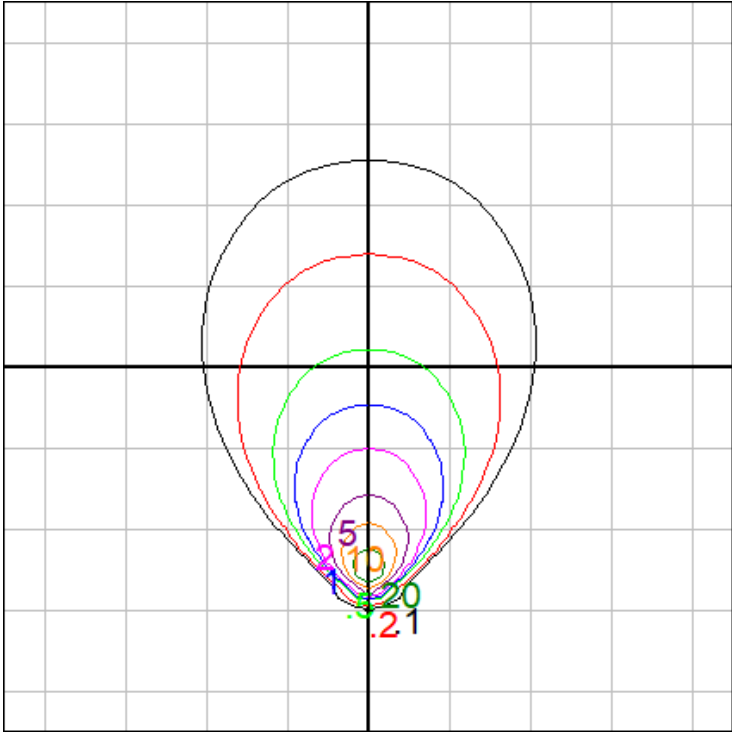


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	5703.39
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	53.7
Vertical Beam Angle (50%)	53.7
Horizontal Field Angle (10%)	84.3
Vertical Field Angle (10%)	84.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2808
Beam Efficiency	N.A.
Field Lumens	4333
Field Efficiency	N.A.
Spill Lumens	202
Luminaire Lumens	4534
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	0.00
90-100	1.01
100-110	3.49
110-120	5.80
120-130	19.12
130-140	270.13
140-150	942.73
150-160	1438.21
160-170	1316.19
170-180	524.90



Fixture Setback: 3 ft.

Grid Spacing: 10 ft.

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

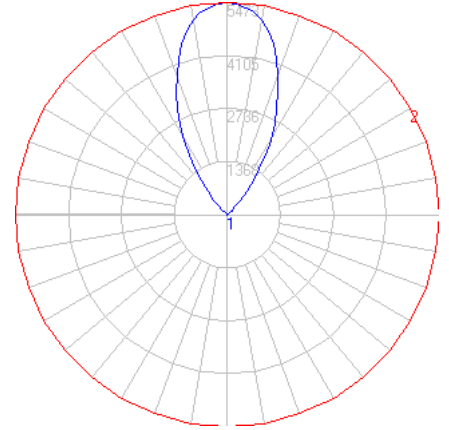
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File: 84298K27.ies

TEST: BE_84298K4
TEST LAB: BEGA
DATE: 02/15/2019
LUMINAIRE: 84 298K27
LAMP: 46.8W LED

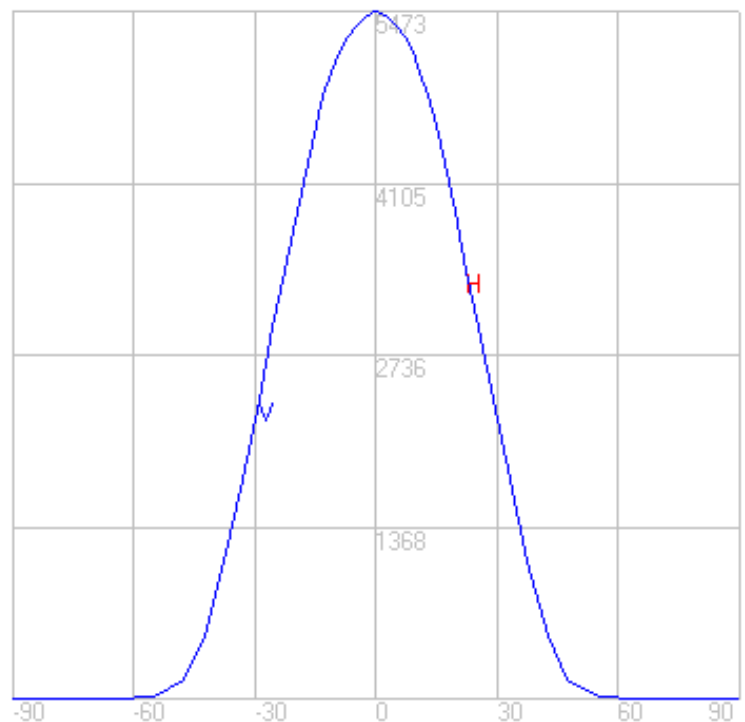
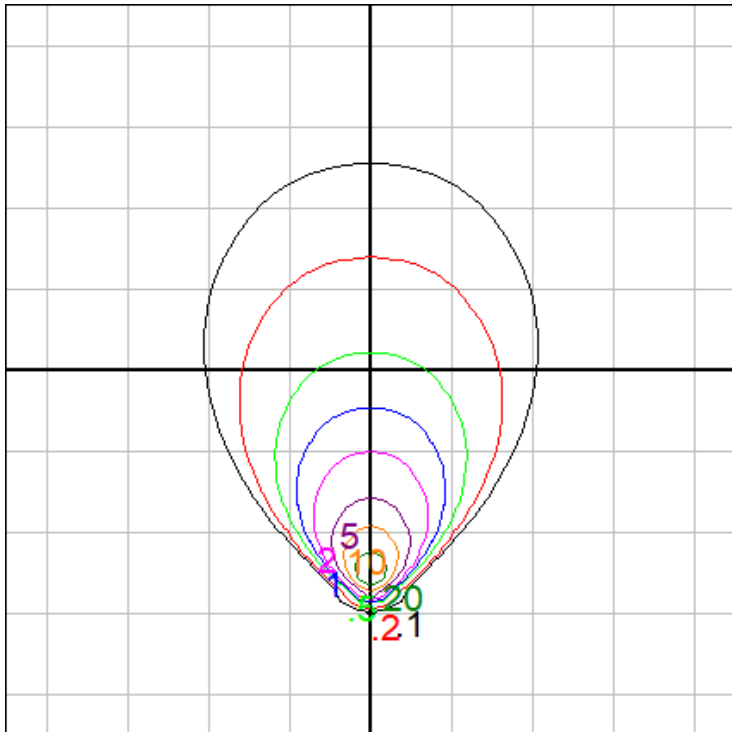


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	5472.95
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	53.7
Vertical Beam Angle (50%)	53.7
Horizontal Field Angle (10%)	84.3
Vertical Field Angle (10%)	84.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2694
Beam Efficiency	N.A.
Field Lumens	4158
Field Efficiency	N.A.
Spill Lumens	193
Luminaire Lumens	4351
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	0.00
90-100	0.97
100-110	3.34
110-120	5.57
120-130	18.35
130-140	259.21
140-150	904.64
150-160	1380.11
160-170	1263.01
170-180	503.69



Fixture Setback: 3 ft.

Grid Spacing: 10 ft.

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