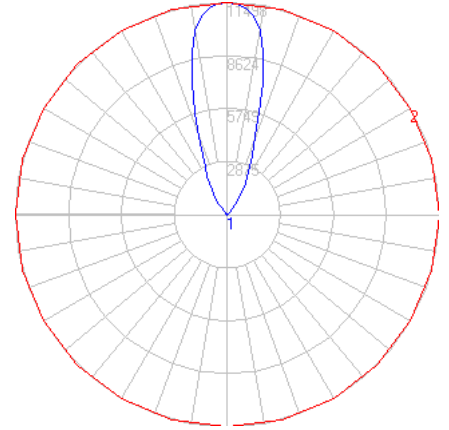


BEGA

File: 84297K4.ies

TEST: BE_84297K4
TEST LAB: BEGA
DATE: 02/15/2019
LUMINAIRE: 84 297K4
LAMP: 46.7W LED

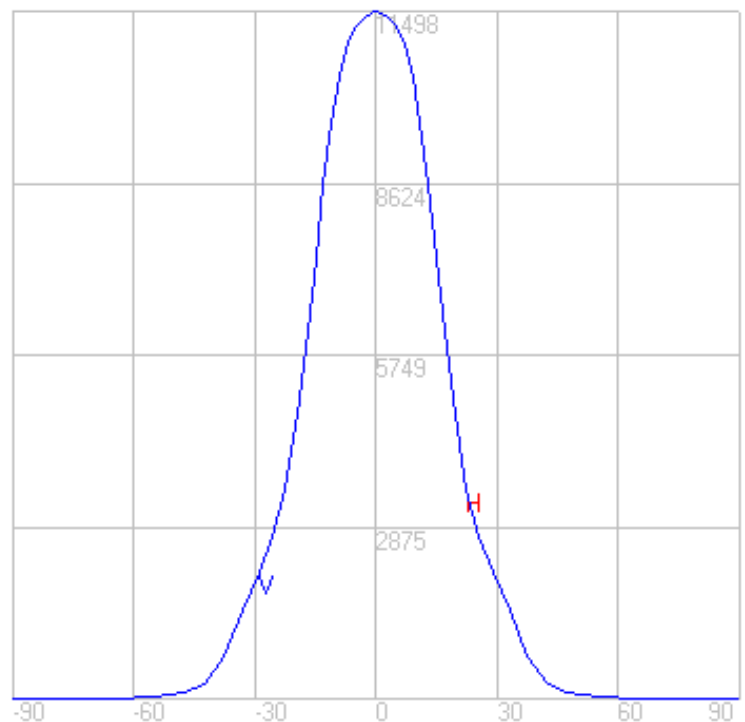
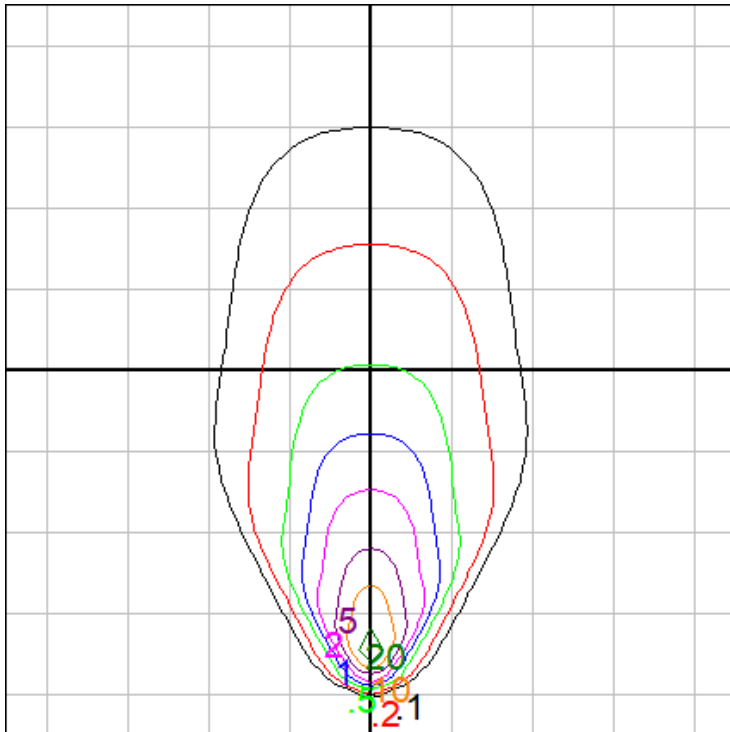


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	11498.3
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	35.4
Vertical Beam Angle (50%)	35.4
Horizontal Field Angle (10%)	69.9
Vertical Field Angle (10%)	69.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2572
Beam Efficiency	N.A.
Field Lumens	4780
Field Efficiency	N.A.
Spill Lumens	535
Luminaire Lumens	5315
Total Efficiency	N.A.
Total Luminaire Watts	52.0
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	2.03
100-110	4.44
110-120	17.75
120-130	45.61
130-140	147.77
140-150	705.06
150-160	1342.27
160-170	2001.81
170-180	1041.16



Fixture Setback: 3 ft.

Grid Spacing: 10 ft.

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

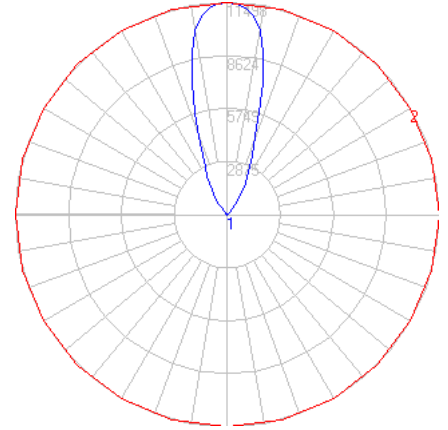
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File: 84297K35.ies

TEST: BE_84297K4
TEST LAB: BEGA
DATE: 02/15/2019
LUMINAIRE: 84 297K35
LAMP: 46.7W LED

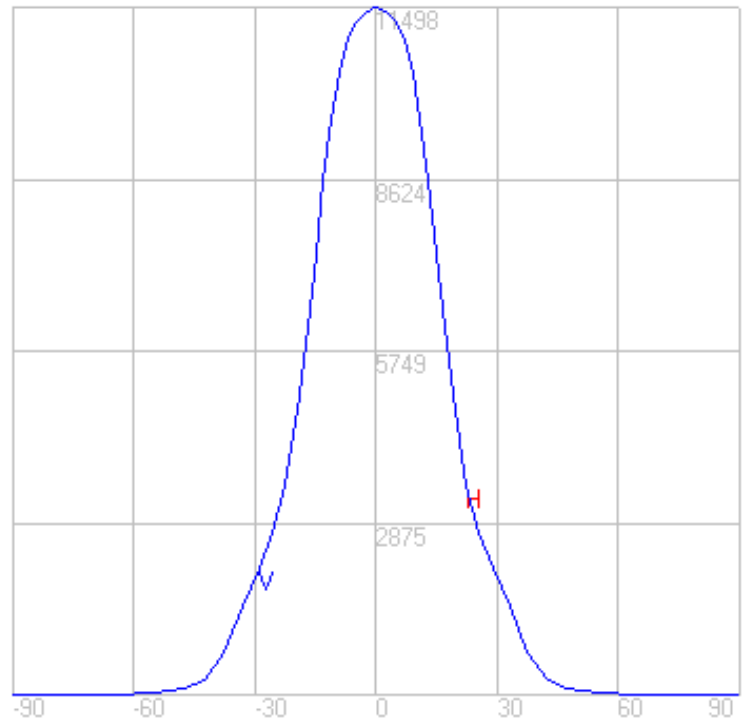
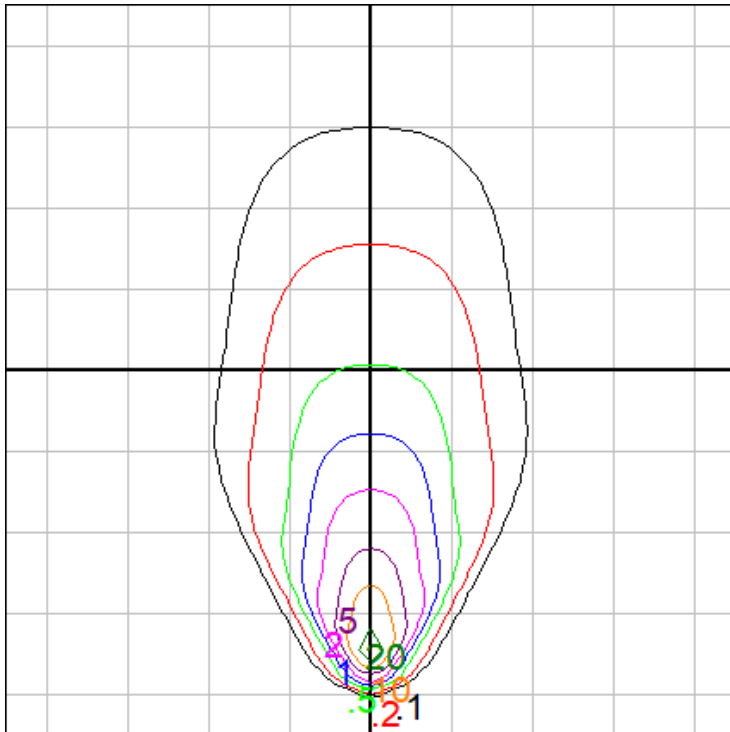


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	11498.3
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	35.4
Vertical Beam Angle (50%)	35.4
Horizontal Field Angle (10%)	69.9
Vertical Field Angle (10%)	69.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2572
Beam Efficiency	N.A.
Field Lumens	4780
Field Efficiency	N.A.
Spill Lumens	535
Luminaire Lumens	5315
Total Efficiency	N.A.
Total Luminaire Watts	52.0
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	2.03
100-110	4.44
110-120	17.75
120-130	45.61
130-140	147.77
140-150	705.06
150-160	1342.27
160-170	2001.81
170-180	1041.16



Fixture Setback: 3 ft.

Grid Spacing: 10 ft.

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

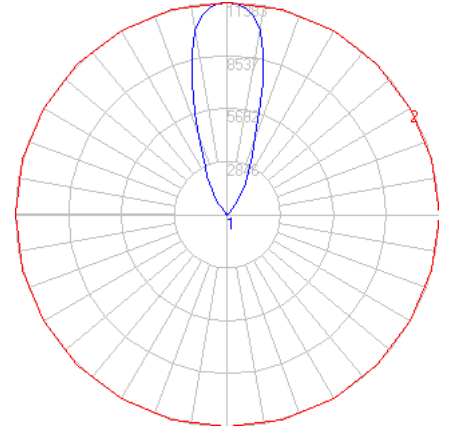
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File: 84297K3.ies

TEST: BE_84297K4
TEST LAB: BEGA
DATE: 02/15/2019
LUMINAIRE: 84 297K3
LAMP: 46.7W LED

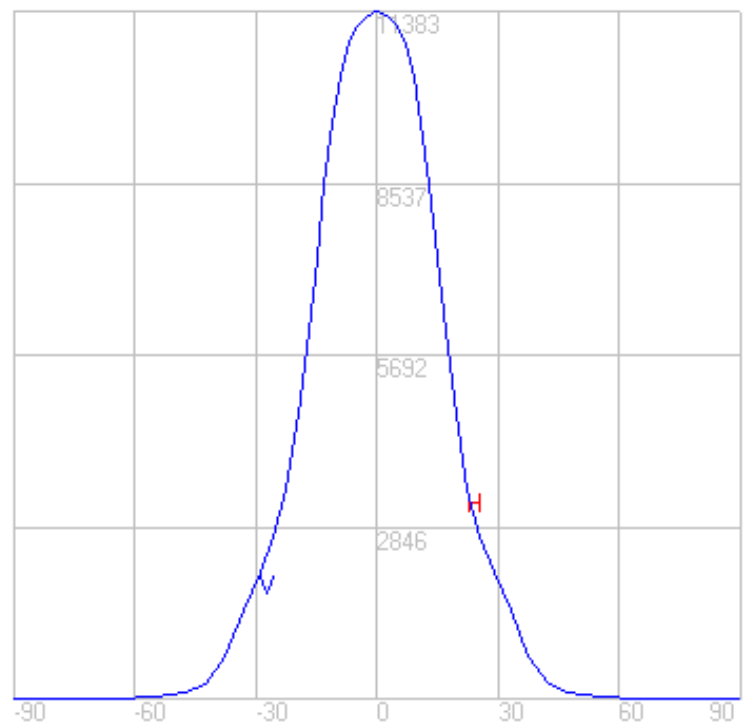
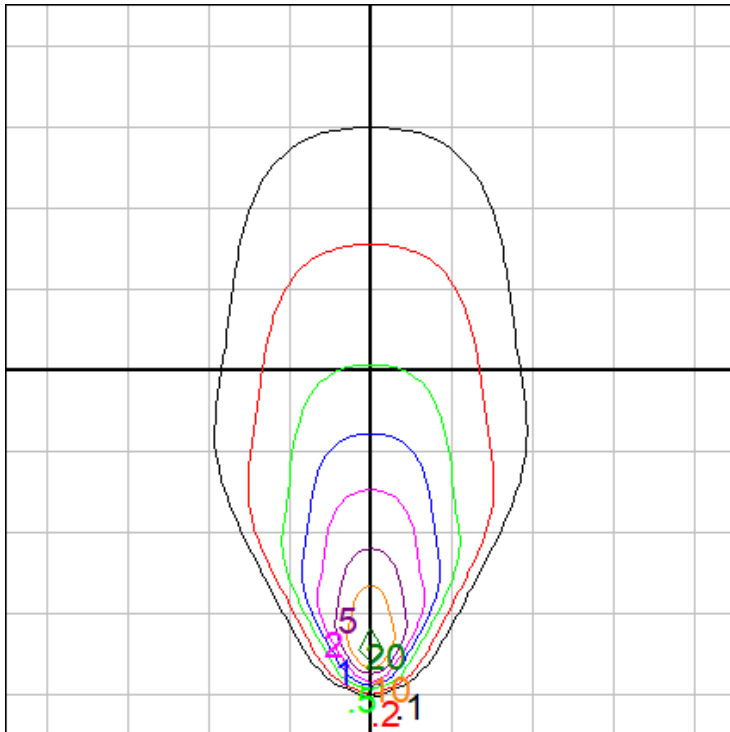


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	11383.317
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	35.4
Vertical Beam Angle (50%)	35.4
Horizontal Field Angle (10%)	69.9
Vertical Field Angle (10%)	69.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2546
Beam Efficiency	N.A.
Field Lumens	4732
Field Efficiency	N.A.
Spill Lumens	529
Luminaire Lumens	5262
Total Efficiency	N.A.
Total Luminaire Watts	52.0
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	2.01
100-110	4.39
110-120	17.57
120-130	45.15
130-140	146.30
140-150	698.01
150-160	1328.85
160-170	1981.79
170-180	1030.75



Fixture Setback: 3 ft.

Grid Spacing: 10 ft.

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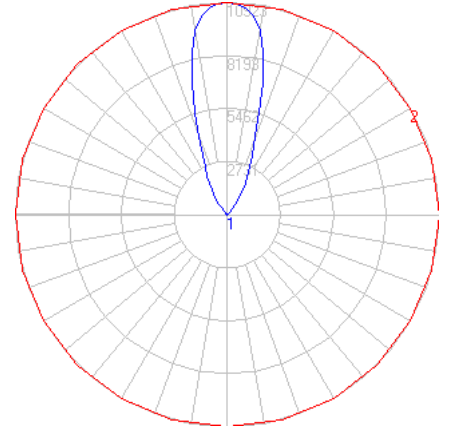
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File: 84297K27.ies

TEST: BE_84297K4
TEST LAB: BEGA
DATE: 02/15/2019
LUMINAIRE: 84 297K27
LAMP: 46.7W LED

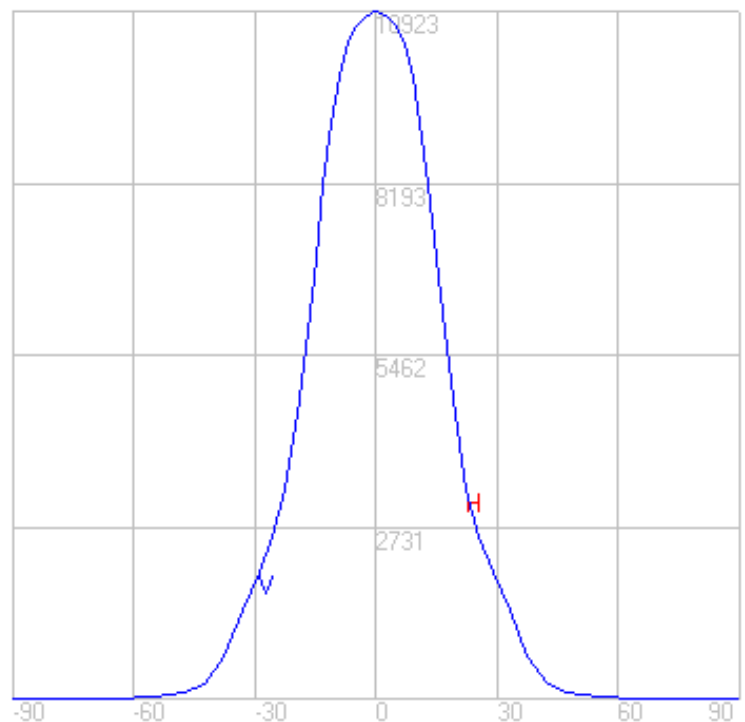
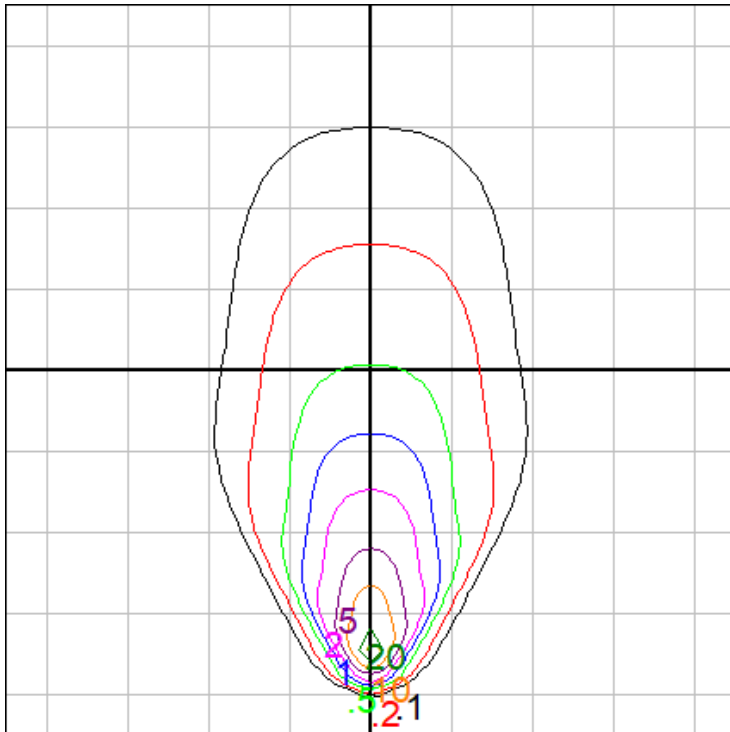


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	10923.385
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	35.4
Vertical Beam Angle (50%)	35.4
Horizontal Field Angle (10%)	69.9
Vertical Field Angle (10%)	69.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2443
Beam Efficiency	N.A.
Field Lumens	4541
Field Efficiency	N.A.
Spill Lumens	508
Luminaire Lumens	5049
Total Efficiency	N.A.
Total Luminaire Watts	52.0
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	1.93
100-110	4.21
110-120	16.86
120-130	43.33
130-140	140.39
140-150	669.81
150-160	1275.16
160-170	1901.72
170-180	989.11



Fixture Setback: 3 ft.

Grid Spacing: 10 ft.

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