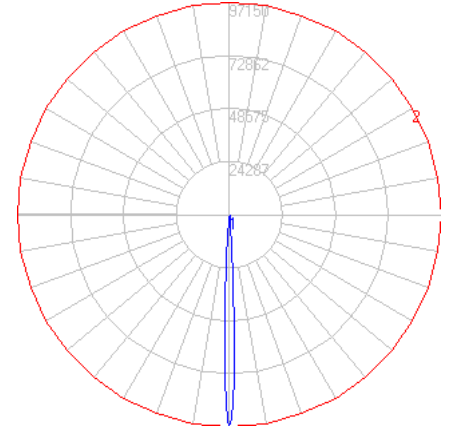


BEGA

File: 84409K4_BEGA_IES.ies

TEST: BE_84409K4
TEST LAB: BEGA
DATE: 10/17/2019
LUMINAIRE: 84 409K4
LAMP: 25.6W LED

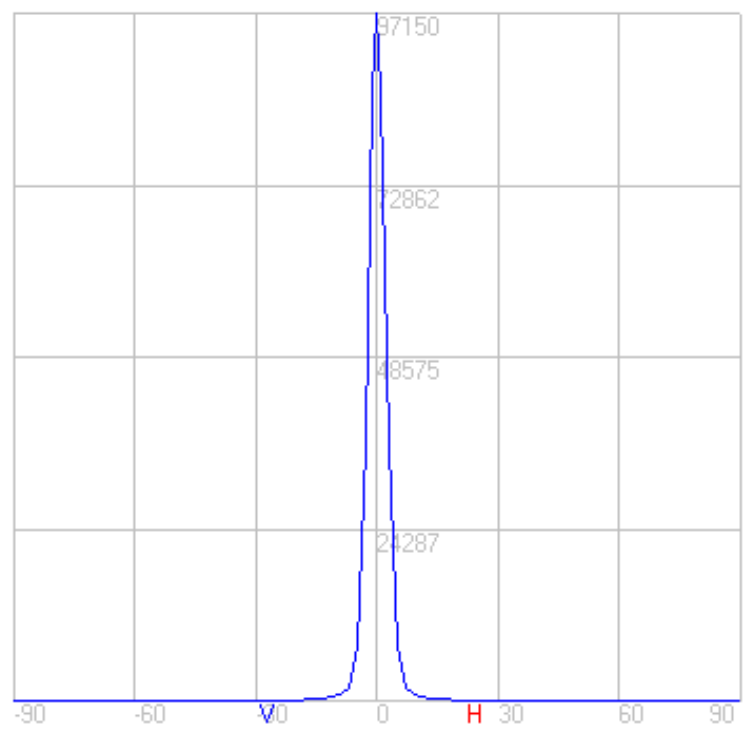
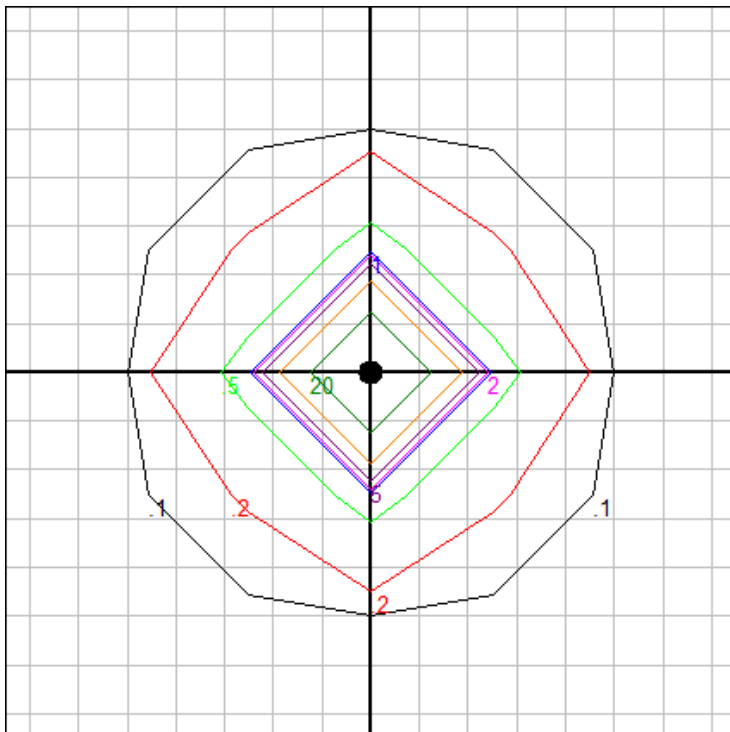


Characteristics

NEMA Type	0 H x 0 V
Maximum Candela	97149.7
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	5.0
Vertical Beam Angle (50%)	5.0
Horizontal Field Angle (10%)	9.7
Vertical Field Angle (10%)	9.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	388
Beam Efficiency	N.A.
Field Lumens	826
Field Efficiency	N.A.
Spill Lumens	229
Luminaire Lumens	1055
Total Efficiency	N.A.
Total Luminaire Watts	32
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	934.16
10-20	66.90
20-30	17.00
30-40	0.74
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.00
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: 2.5 ft.

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

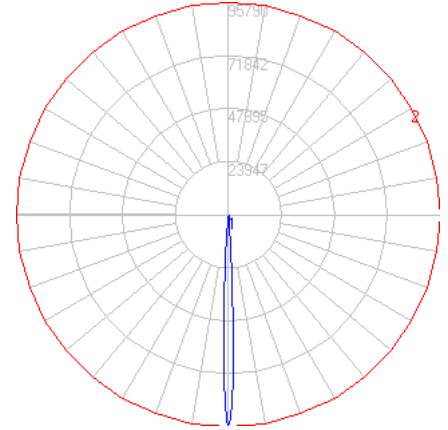
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BEGA

File: 84409K35_BEGA_IES.ies

TEST: BE_84409K4
TEST LAB: BEGA
DATE: 10/17/2019
LUMINAIRE: 84 409K35
LAMP: 25.6W LED

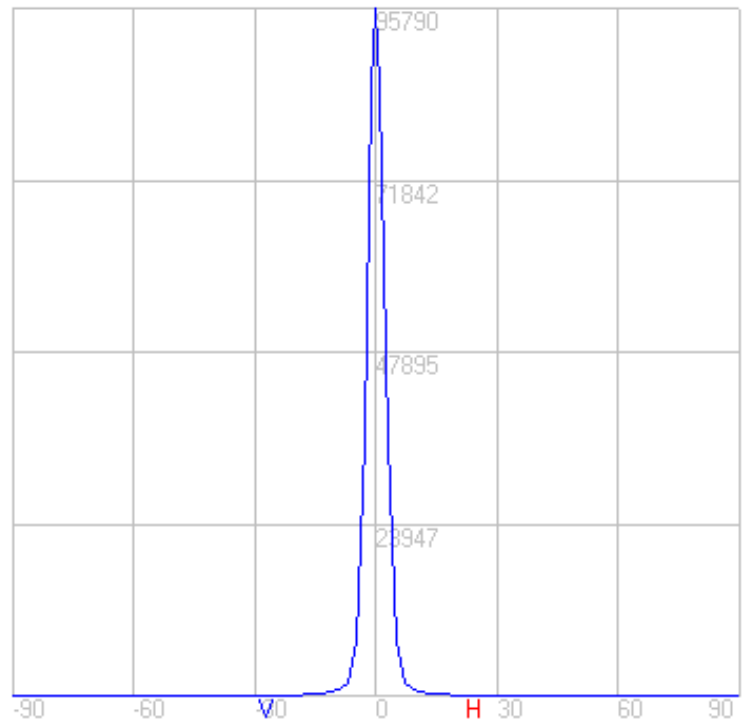
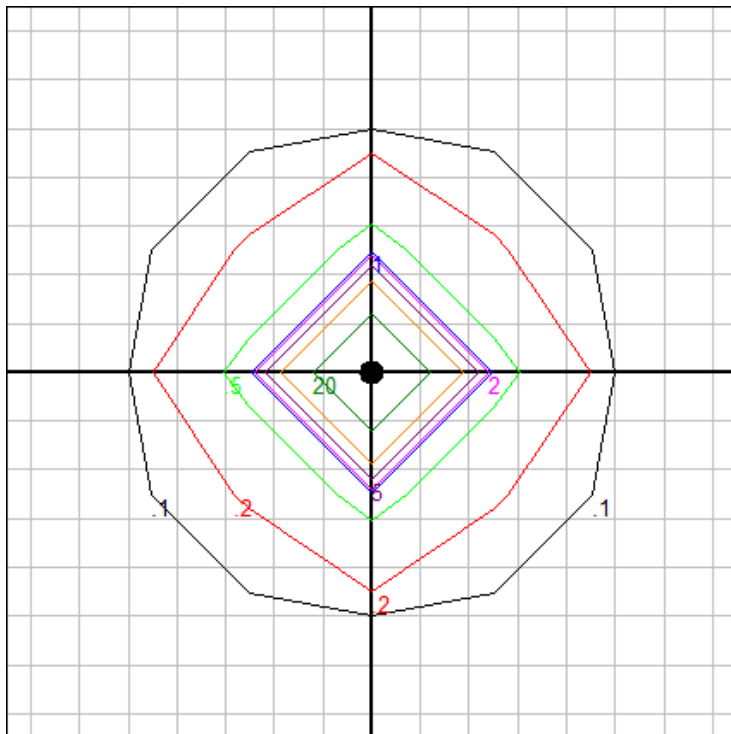


Characteristics

NEMA Type	0 H x 0 V
Maximum Candela	95789.604
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	5.0
Vertical Beam Angle (50%)	5.0
Horizontal Field Angle (10%)	9.7
Vertical Field Angle (10%)	9.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	383
Beam Efficiency	N.A.
Field Lumens	815
Field Efficiency	N.A.
Spill Lumens	226
Luminaire Lumens	1041
Total Efficiency	N.A.
Total Luminaire Watts	32
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	921.08
10-20	65.96
20-30	16.77
30-40	0.73
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.00
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: 2.5 ft.

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

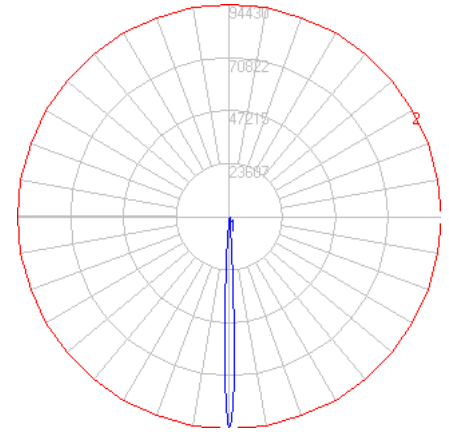
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File: 84409K3_BEGA_IES.ies

TEST: BE_84409K4
TEST LAB: BEGA
DATE: 10/17/2019
LUMINAIRE: 84 409K3
LAMP: 25.6W LED

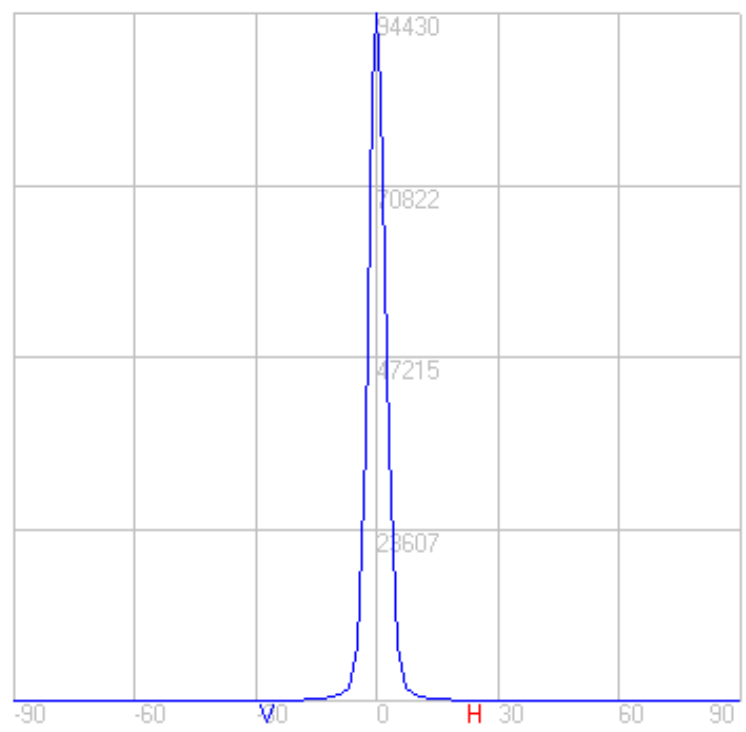
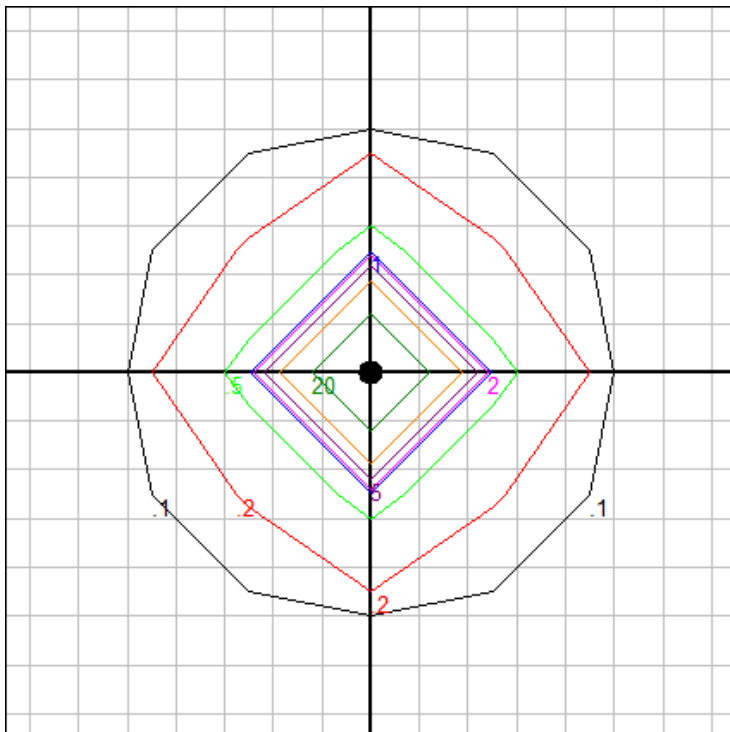


Characteristics

NEMA Type	0 H x 0 V
Maximum Candela	94429.509
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	5.0
Vertical Beam Angle (50%)	5.0
Horizontal Field Angle (10%)	9.7
Vertical Field Angle (10%)	9.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	377
Beam Efficiency	N.A.
Field Lumens	803
Field Efficiency	N.A.
Spill Lumens	223
Luminaire Lumens	1026
Total Efficiency	N.A.
Total Luminaire Watts	32
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	908.00
10-20	65.03
20-30	16.53
30-40	0.72
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.00
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: 2.5 ft.

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

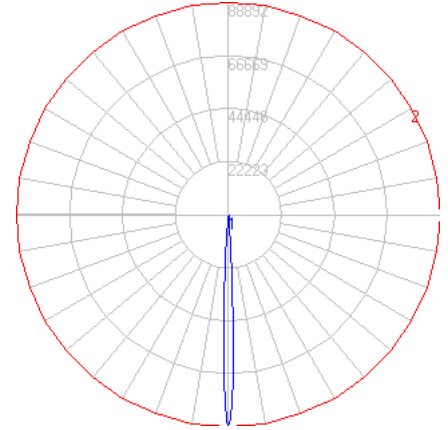
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BEGA

File: 84409K27_BEGA_IES.ies

TEST: BE_84409K4
TEST LAB: BEGA
DATE: 10/17/2019
LUMINAIRE: 84 409K27
LAMP: 25.6W LED

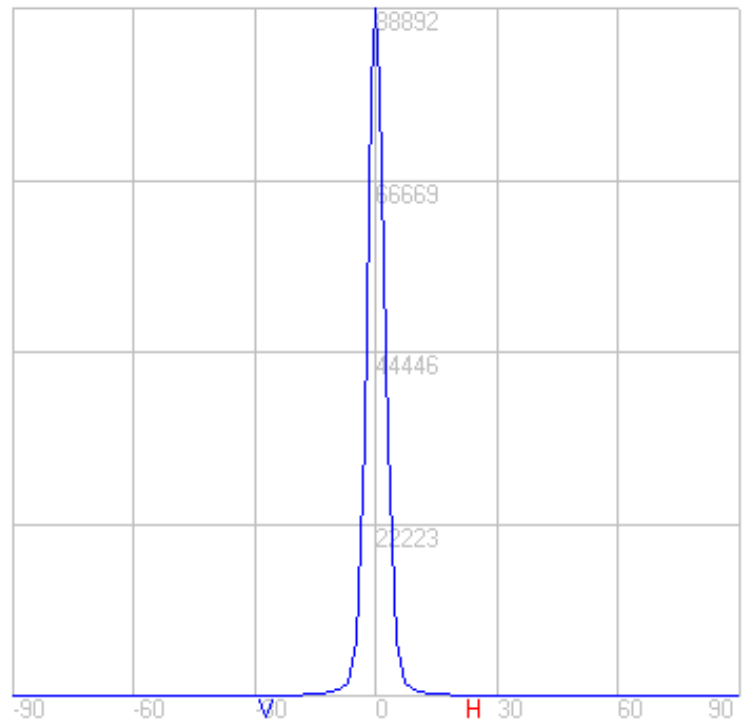
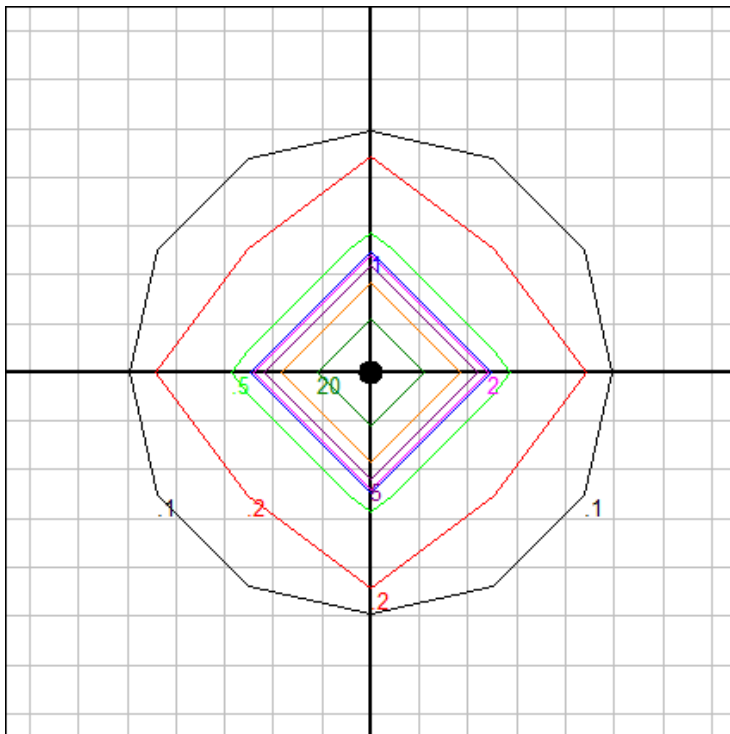


Characteristics

NEMA Type	0 H x 0 V
Maximum Candela	8889.978
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	5.0
Vertical Beam Angle (50%)	5.0
Horizontal Field Angle (10%)	9.7
Vertical Field Angle (10%)	9.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	355
Beam Efficiency	N.A.
Field Lumens	756
Field Efficiency	N.A.
Spill Lumens	210
Luminaire Lumens	966
Total Efficiency	N.A.
Total Luminaire Watts	32
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	854.75
10-20	61.21
20-30	15.56
30-40	0.68
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.00
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: 2.5 ft.

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