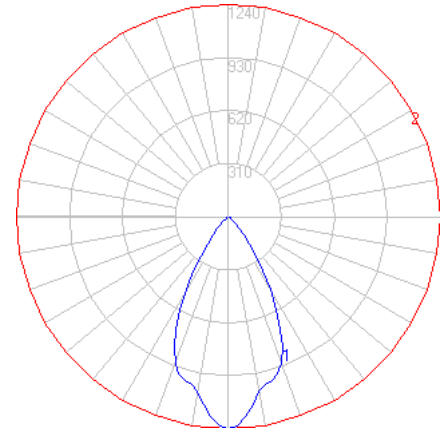


BEGA

File: 24409K4_BEGA_IES.ies

TEST: BE_24409K4
TEST LAB: BEGA
DATE: 7/8/2019
LUMINAIRE: 24 409K4
LAMP: 8.0W LED

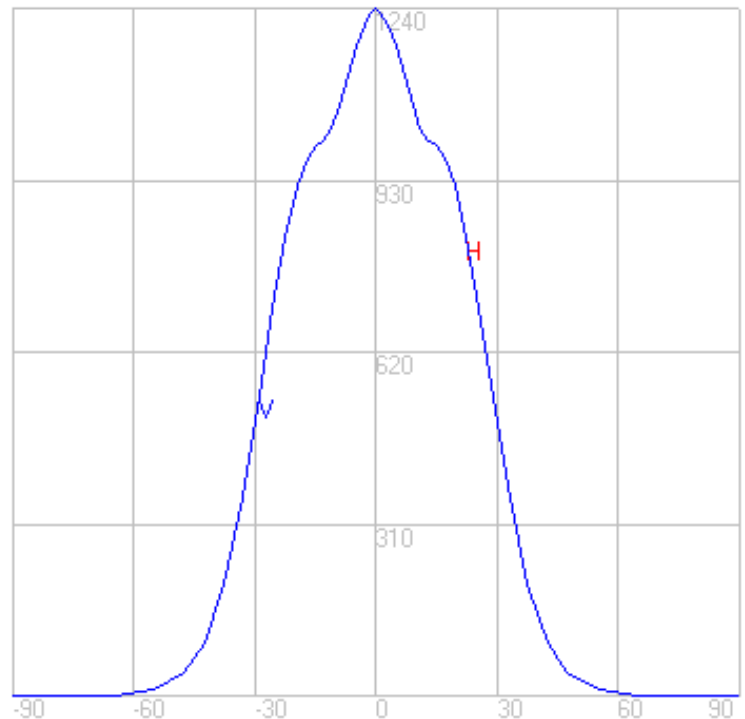
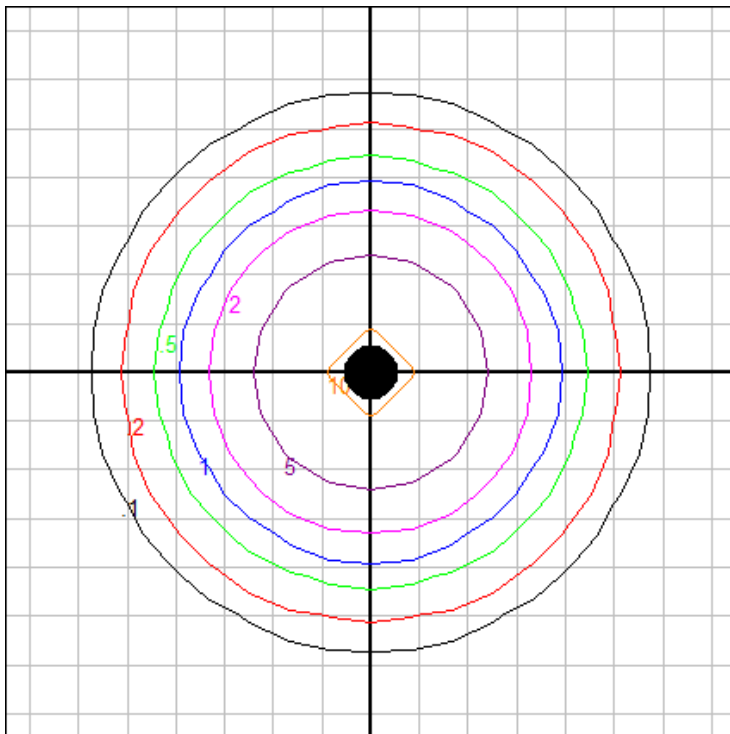


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1240.1
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	54.5
Vertical Beam Angle (50%)	54.5
Horizontal Field Angle (10%)	82.2
Vertical Field Angle (10%)	82.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	612
Beam Efficiency	N.A.
Field Lumens	904
Field Efficiency	N.A.
Spill Lumens	57
Luminaire Lumens	961
Total Efficiency	N.A.
Total Luminaire Watts	12
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	107.64
10-20	277.60
20-30	325.93
30-40	180.69
40-50	53.20
50-60	11.37
60-70	1.84
70-80	0.14
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: 10 ft.

Grid Spacing: 2 ft.

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

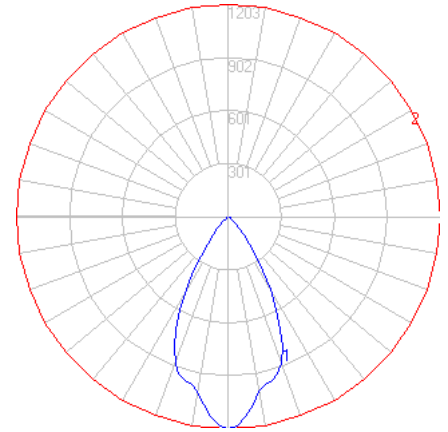
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BEGA

File: 24409K35_BEGA_IES.ies

TEST: BE_24409K4
 TEST LAB: BEGA
 DATE: 7/8/2019
 LUMINAIRE: 24 409K35
 LAMP: 8.0W LED

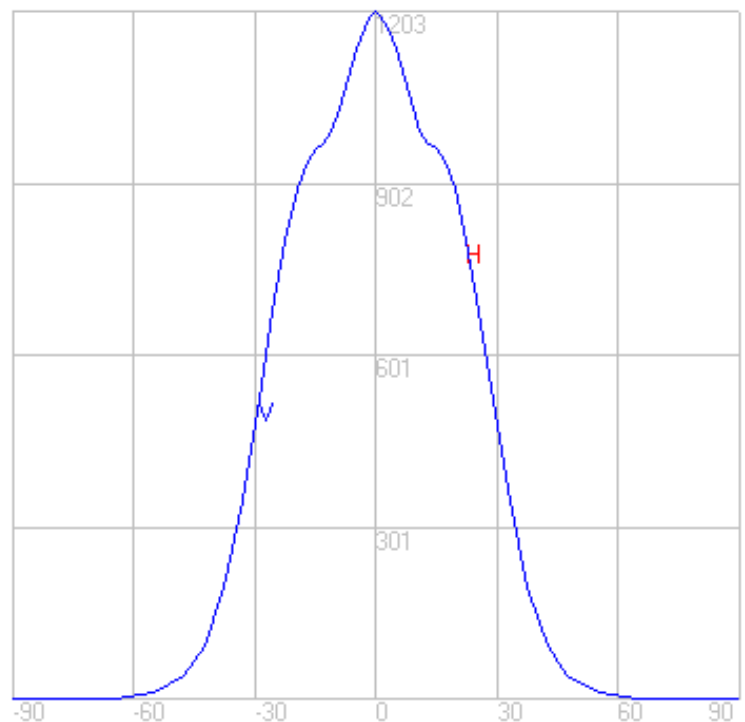
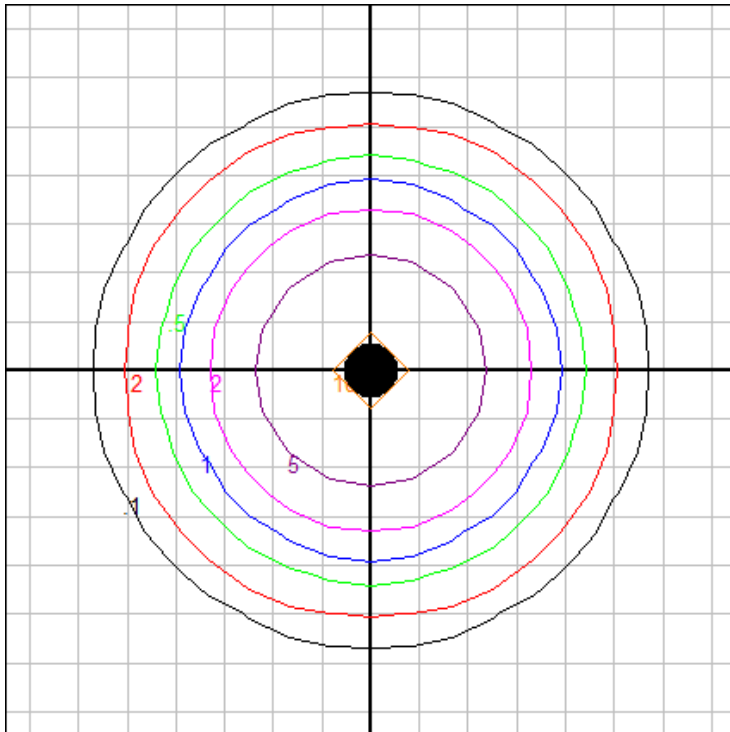


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1202.897
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	54.5
Vertical Beam Angle (50%)	54.5
Horizontal Field Angle (10%)	82.2
Vertical Field Angle (10%)	82.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	594
Beam Efficiency	N.A.
Field Lumens	877
Field Efficiency	N.A.
Spill Lumens	56
Luminaire Lumens	933
Total Efficiency	N.A.
Total Luminaire Watts	12
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	104.41
10-20	269.27
20-30	316.15
30-40	175.27
40-50	51.60
50-60	11.03
60-70	1.78
70-80	0.14
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: 10 ft.

Grid Spacing: 2 ft.

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

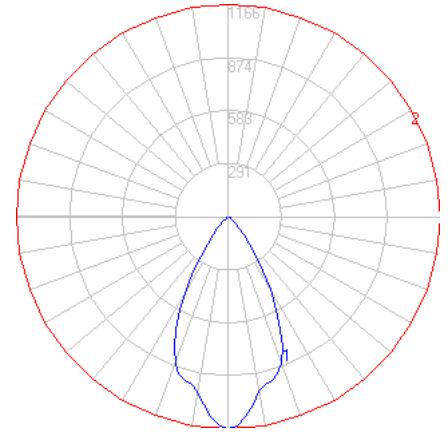
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File: 24409K3_BEGA_IES.ies

TEST: BE_24409K4
TEST LAB: BEGA
DATE: 7/8/2019
LUMINAIRE: 24 409K3
LAMP: 8.0W LED

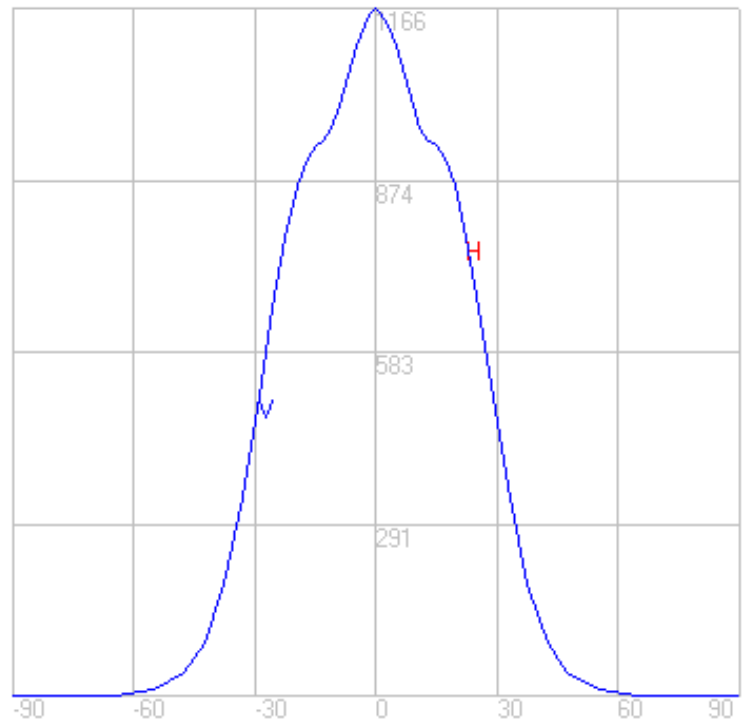
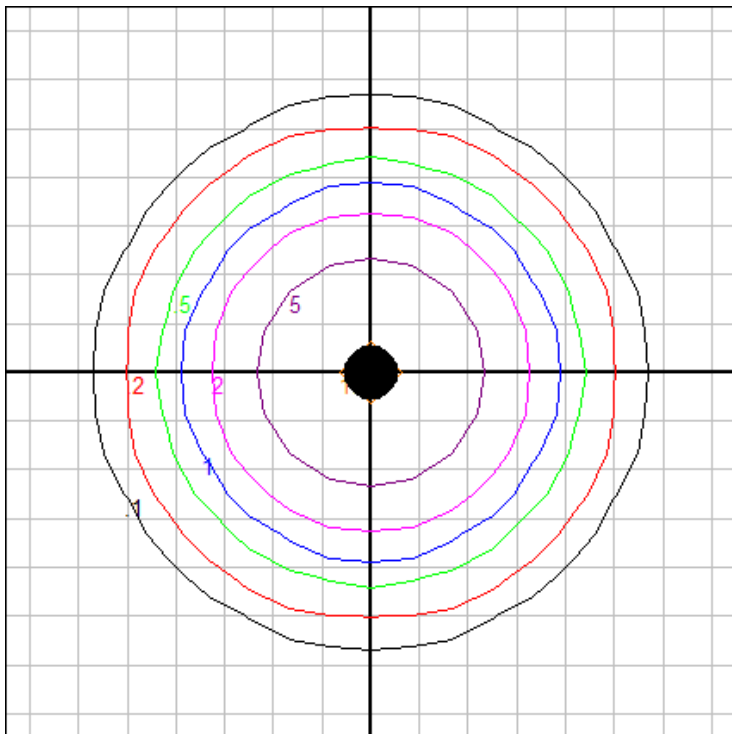


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1165.694
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	54.5
Vertical Beam Angle (50%)	54.5
Horizontal Field Angle (10%)	82.2
Vertical Field Angle (10%)	82.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	576
Beam Efficiency	N.A.
Field Lumens	850
Field Efficiency	N.A.
Spill Lumens	54
Luminaire Lumens	904
Total Efficiency	N.A.
Total Luminaire Watts	12
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	101.18
10-20	260.95
20-30	306.37
30-40	169.85
40-50	50.01
50-60	10.69
60-70	1.73
70-80	0.14
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: 10 ft.

Grid Spacing: 2 ft.

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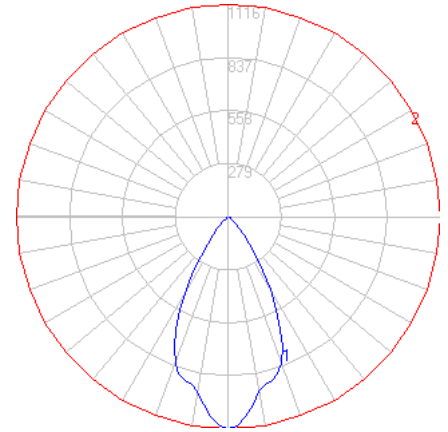
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File: 24409K27_BEGA_IES.ies

TEST: BE_24409K4
TEST LAB: BEGA
DATE: 7/8/2019
LUMINAIRE: 24 409K27
LAMP: 8.0W LED

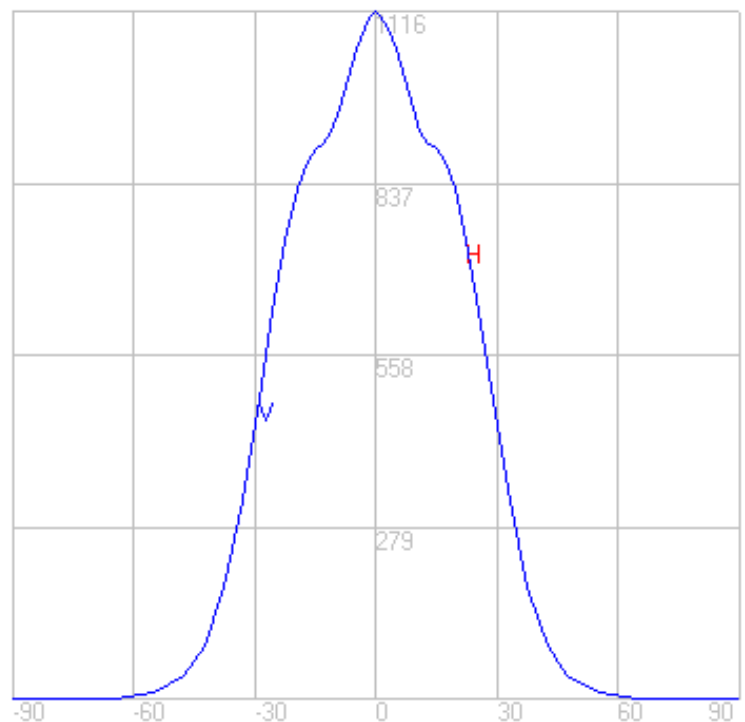
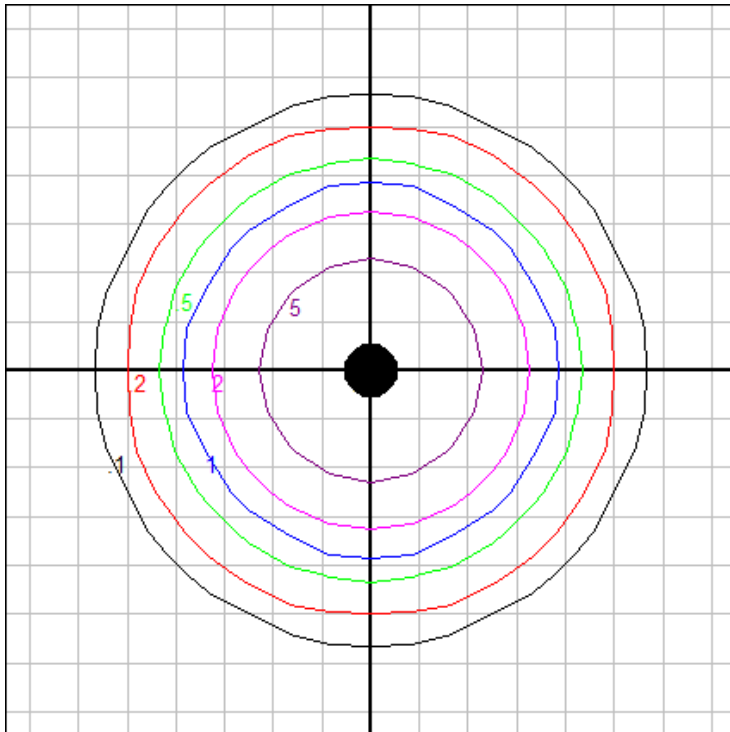


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1116.09
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	54.5
Vertical Beam Angle (50%)	54.5
Horizontal Field Angle (10%)	82.2
Vertical Field Angle (10%)	82.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	551
Beam Efficiency	N.A.
Field Lumens	814
Field Efficiency	N.A.
Spill Lumens	52
Luminaire Lumens	865
Total Efficiency	N.A.
Total Luminaire Watts	12
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	96.88
10-20	249.84
20-30	293.34
30-40	162.62
40-50	47.88
50-60	10.23
60-70	1.65
70-80	0.13
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: 10 ft.

Grid Spacing: 2 ft.

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