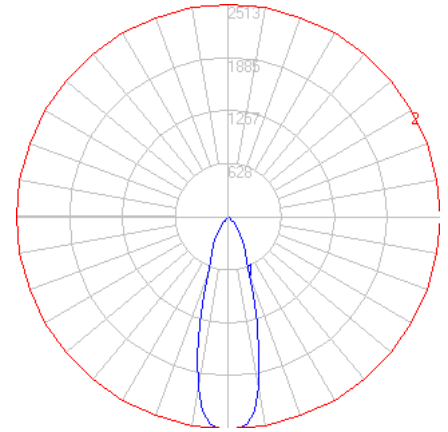


BEGA

File: 24404K4_BEGA_IES.ies

TEST: BE_24404K4
TEST LAB: BEGA
DATE: 7/8/2019
LUMINAIRE: 24 404K4
LAMP: 8.0W LED

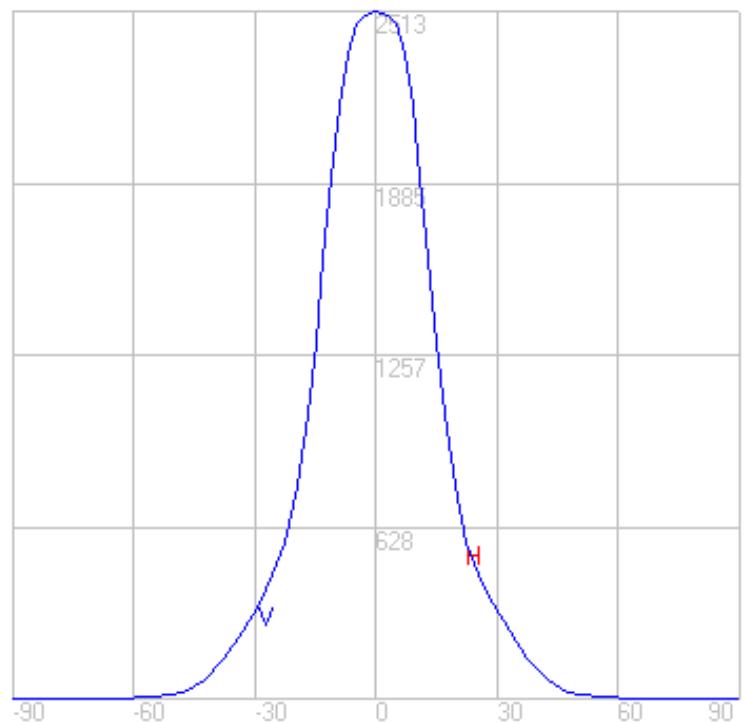
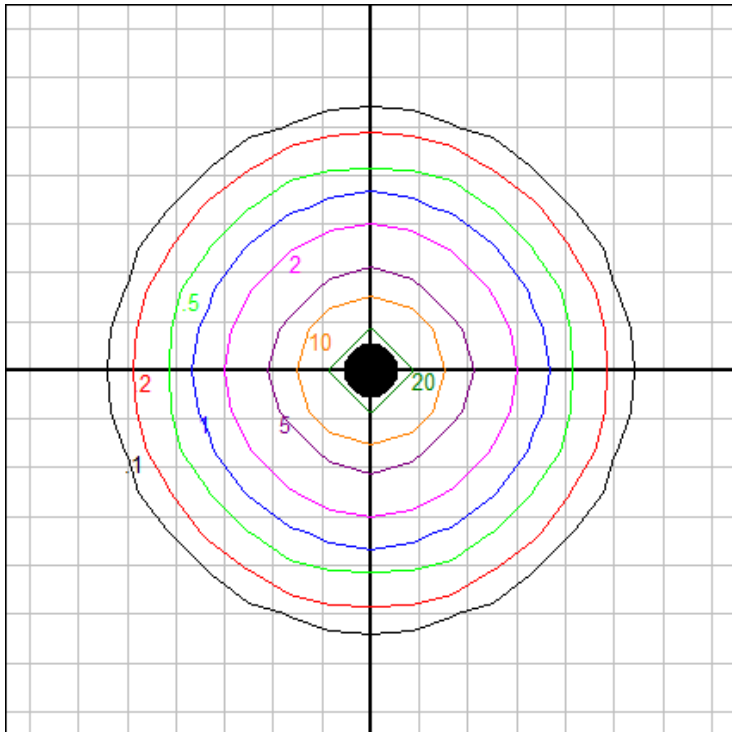


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	2513.1
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	30.7
Vertical Beam Angle (50%)	30.7
Horizontal Field Angle (10%)	65.8
Vertical Field Angle (10%)	65.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	429
Beam Efficiency	N.A.
Field Lumens	850
Field Efficiency	N.A.
Spill Lumens	128
Luminaire Lumens	978
Total Efficiency	N.A.
Total Luminaire Watts	12
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	222.80
10-20	359.95
20-30	221.55
30-40	126.72
40-50	36.71
50-60	7.96
60-70	1.32
70-80	0.05
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.

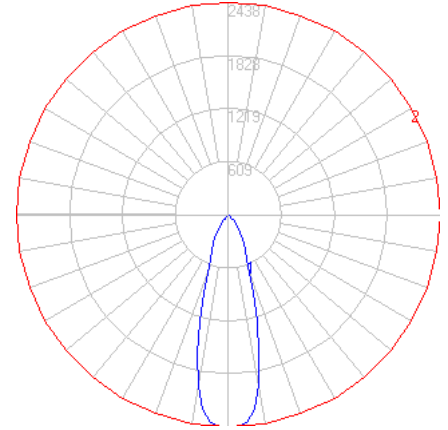
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BEGA

File: 24404K35_BEGA_IES.ies

TEST: BE_24404K4
TEST LAB: BEGA
DATE: 7/8/2019
LUMINAIRE: 24 404K35
LAMP: 8.0W LED

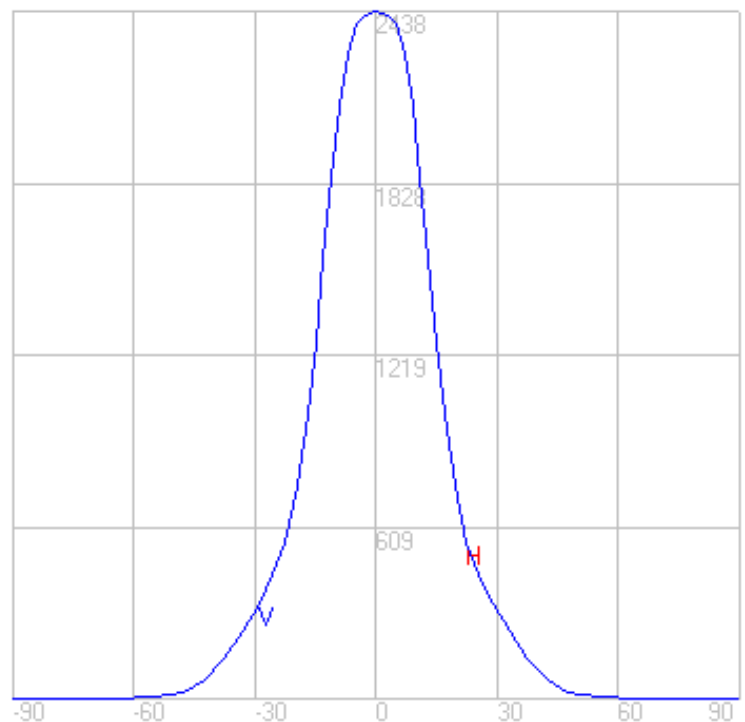
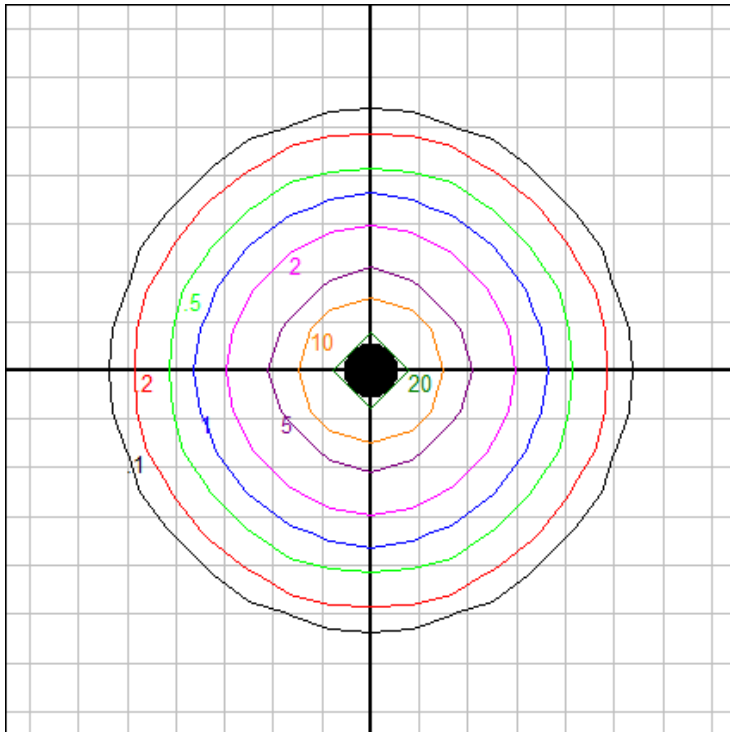


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	2437.707
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	30.7
Vertical Beam Angle (50%)	30.7
Horizontal Field Angle (10%)	65.8
Vertical Field Angle (10%)	65.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	417
Beam Efficiency	N.A.
Field Lumens	825
Field Efficiency	N.A.
Spill Lumens	124
Luminaire Lumens	949
Total Efficiency	N.A.
Total Luminaire Watts	12
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	216.11
10-20	349.15
20-30	214.90
30-40	122.92
40-50	35.61
50-60	7.72
60-70	1.28
70-80	0.05
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.

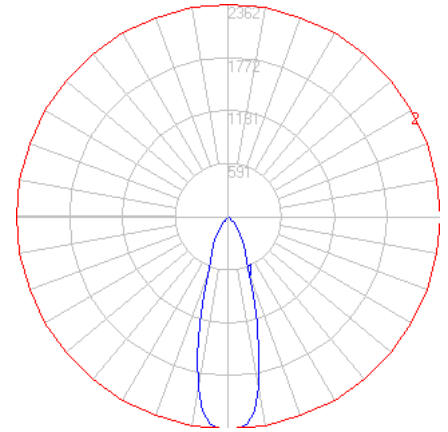
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File: 24404K3_BEGA_IES.ies

TEST: BE_24404K4
 TEST LAB: BEGA
 DATE: 7/8/2019
 LUMINAIRE: 24 404K3
 LAMP: 8.0W LED

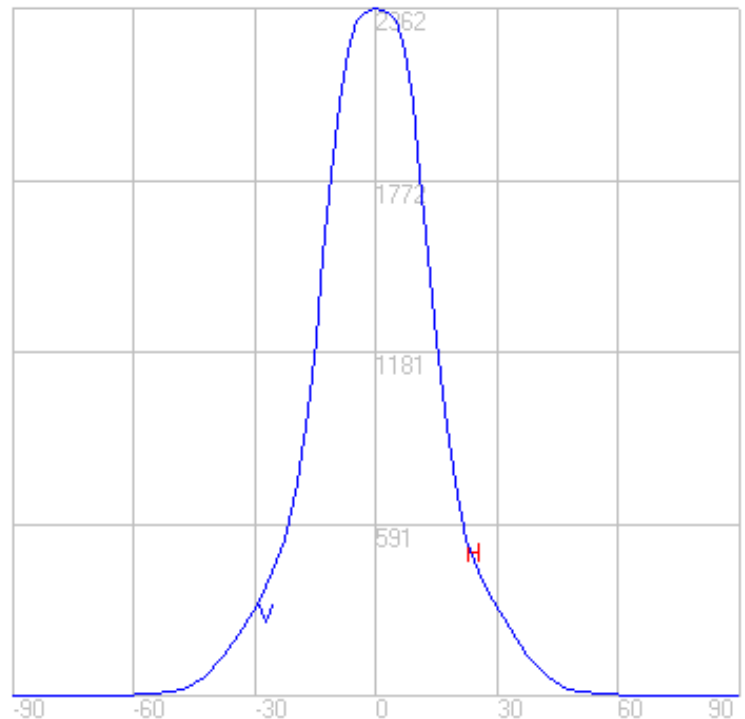
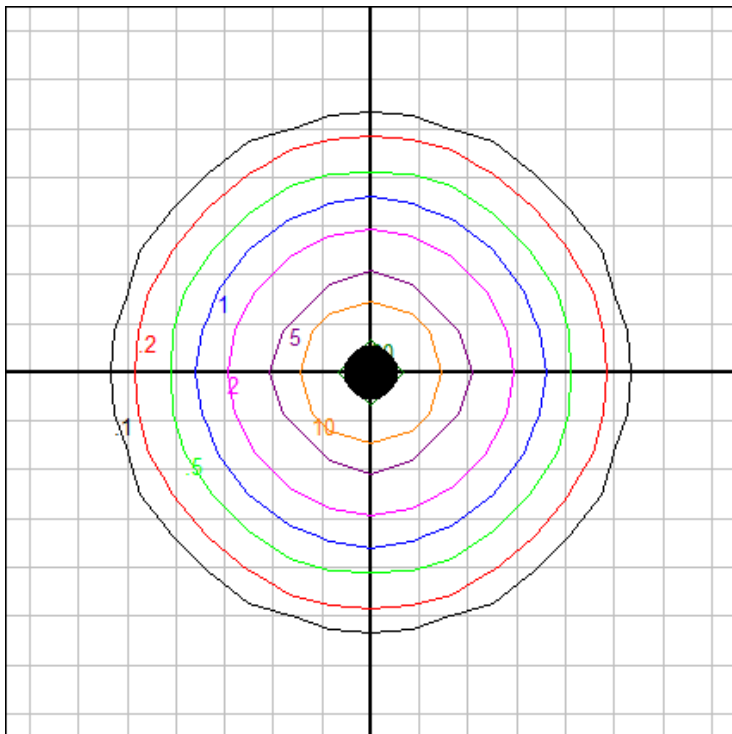


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	2362.314
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	30.7
Vertical Beam Angle (50%)	30.7
Horizontal Field Angle (10%)	65.8
Vertical Field Angle (10%)	65.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	404
Beam Efficiency	N.A.
Field Lumens	799
Field Efficiency	N.A.
Spill Lumens	120
Luminaire Lumens	919
Total Efficiency	N.A.
Total Luminaire Watts	12
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	209.43
10-20	338.35
20-30	208.25
30-40	119.12
40-50	34.51
50-60	7.48
60-70	1.24
70-80	0.05
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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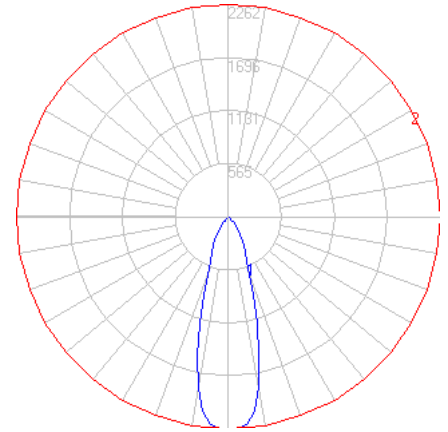
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BEGA

File: 24404K27_BEGA_IES.ies

TEST: BE_24404K4
TEST LAB: BEGA
DATE: 7/8/2019
LUMINAIRE: 24 404K27
LAMP: 8.0W LED

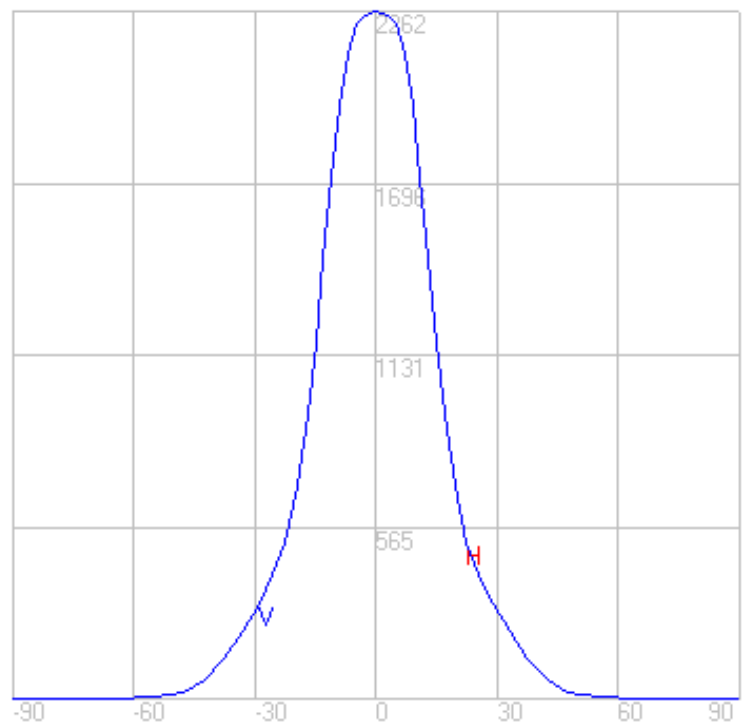
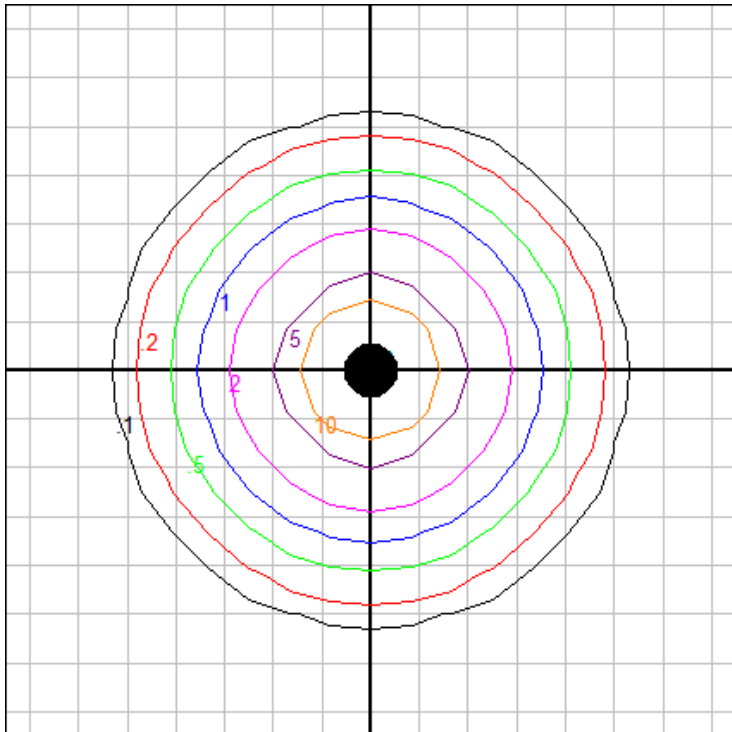


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	2261.79
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	30.7
Vertical Beam Angle (50%)	30.7
Horizontal Field Angle (10%)	65.8
Vertical Field Angle (10%)	65.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	386
Beam Efficiency	N.A.
Field Lumens	765
Field Efficiency	N.A.
Spill Lumens	115
Luminaire Lumens	880
Total Efficiency	N.A.
Total Luminaire Watts	12
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	222.80
10-20	359.95
20-30	221.55
30-40	126.72
40-50	36.71
50-60	7.96
60-70	1.32
70-80	0.05
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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