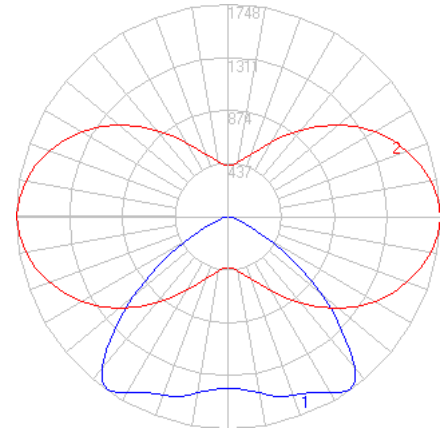


BEGA

File: 24432K4_BEGA_IES.ies

TEST: BE_24432K4
TEST LAB: BEGA
DATE: 7/26/2019
LUMINAIRE: 24 432K4
LAMP: 24.1W LED

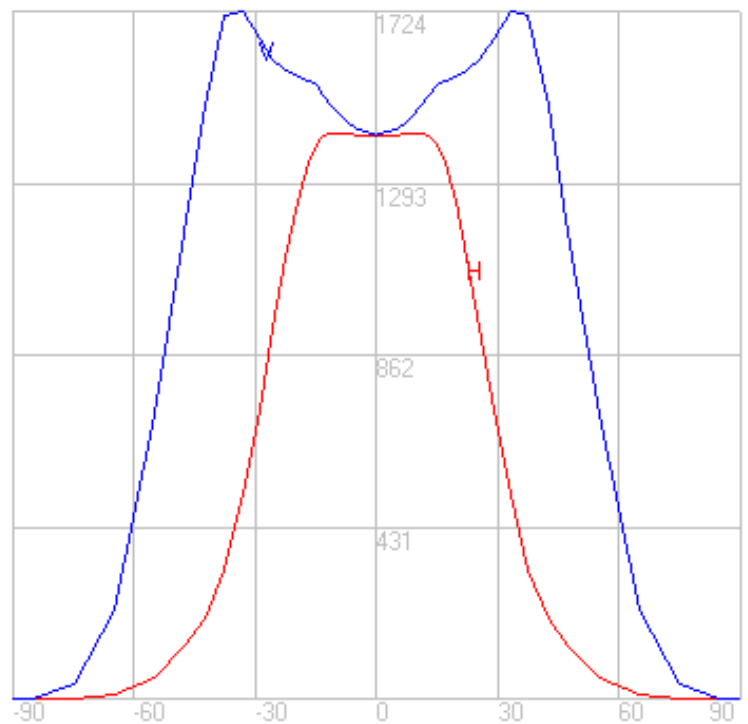
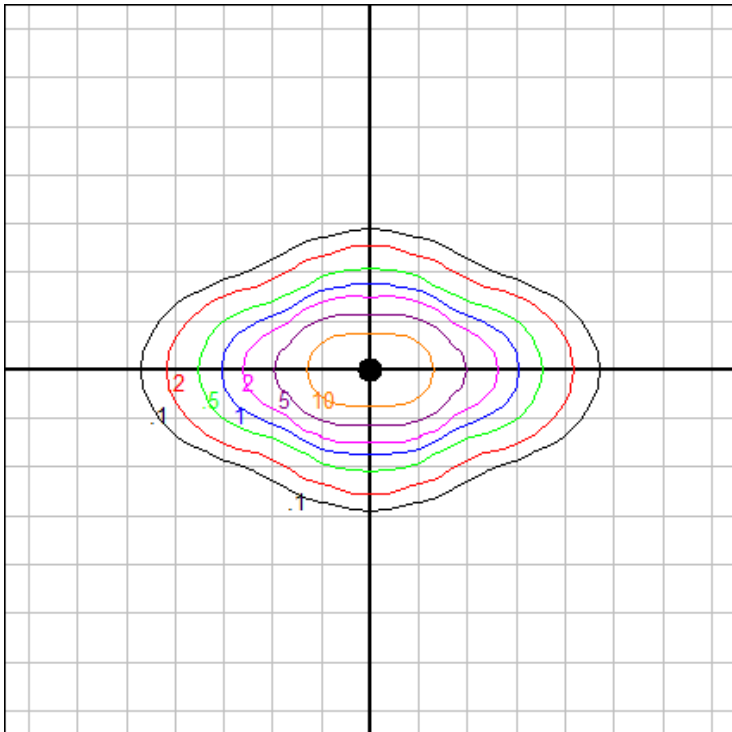


Characteristics

NEMA Type	5 H x 7 V
Maximum Candela	1724.2
Maximum Candela Angle	0 H -33 V
Horizontal Beam Angle (50%)	44.3
Vertical Beam Angle (50%)	105.2
Horizontal Field Angle (10%)	71.3
Vertical Field Angle (10%)	135.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1855
Beam Efficiency	N.A.
Field Lumens	2363
Field Efficiency	N.A.
Spill Lumens	122
Luminaire Lumens	2485
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	136.72
10-20	415.77
20-30	626.84
30-40	645.77
40-50	382.79
50-60	191.33
60-70	62.52
70-80	10.48
80-90	0.21
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: 5 ft.

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

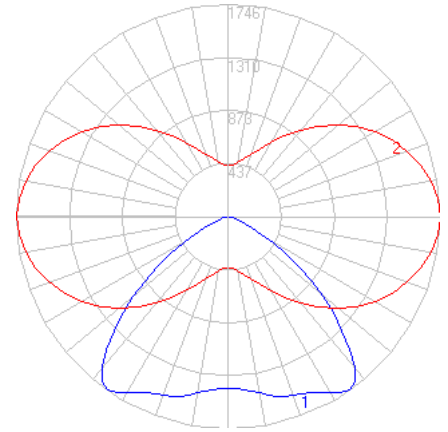
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BEGA

File: 24432K35_BEGA_IES.ies

TEST: BE_24432K4
TEST LAB: BEGA
DATE: 7/26/2019
LUMINAIRE: 24 432K35
LAMP: 24.1W LED

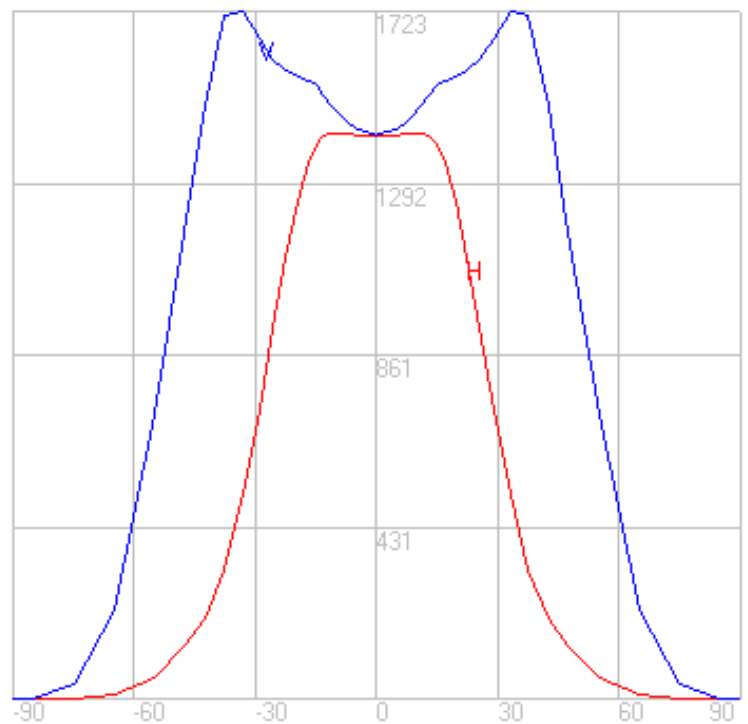
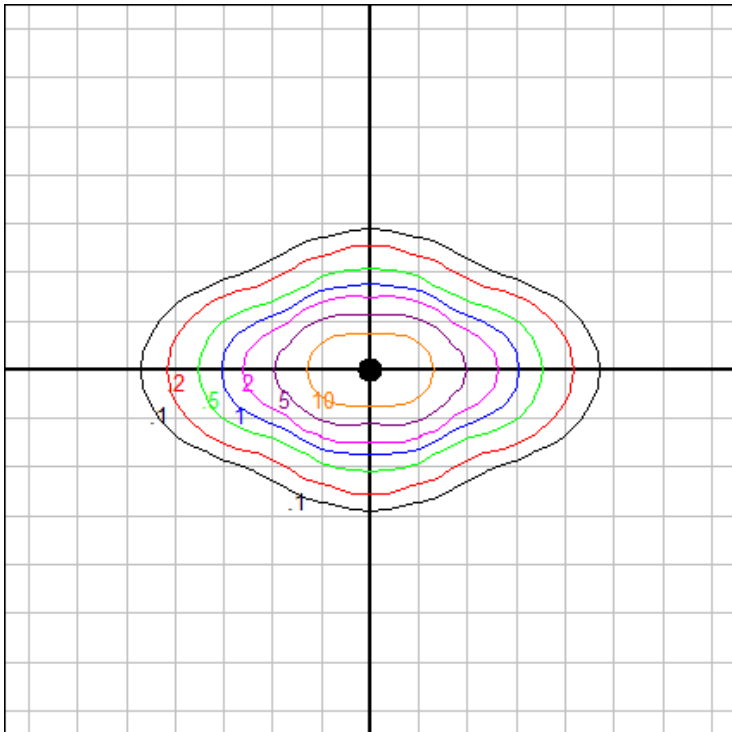


Characteristics

NEMA Type	5 H x 7 V
Maximum Candela	1722.516
Maximum Candela Angle	0 H -33 V
Horizontal Beam Angle (50%)	44.3
Vertical Beam Angle (50%)	105.2
Horizontal Field Angle (10%)	71.3
Vertical Field Angle (10%)	135.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1853
Beam Efficiency	N.A.
Field Lumens	2361
Field Efficiency	N.A.
Spill Lumens	122
Luminaire Lumens	2482
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	136.59
10-20	415.36
20-30	626.21
30-40	645.12
40-50	382.40
50-60	191.14
60-70	62.46
70-80	10.47
80-90	0.21
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: 5 ft.

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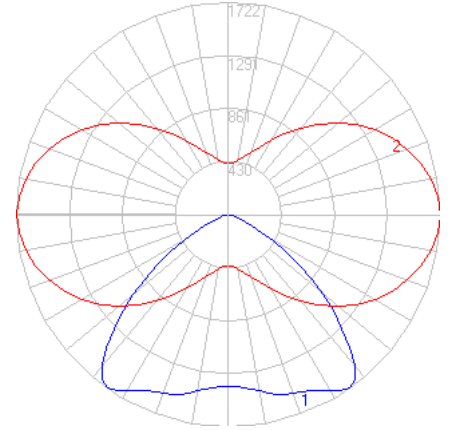
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File: 24432K3_BEGA_IES.ies

TEST: BE_24432K4
TEST LAB: BEGA
DATE: 7/26/2019
LUMINAIRE: 24 432K3
LAMP: 24.1W LED

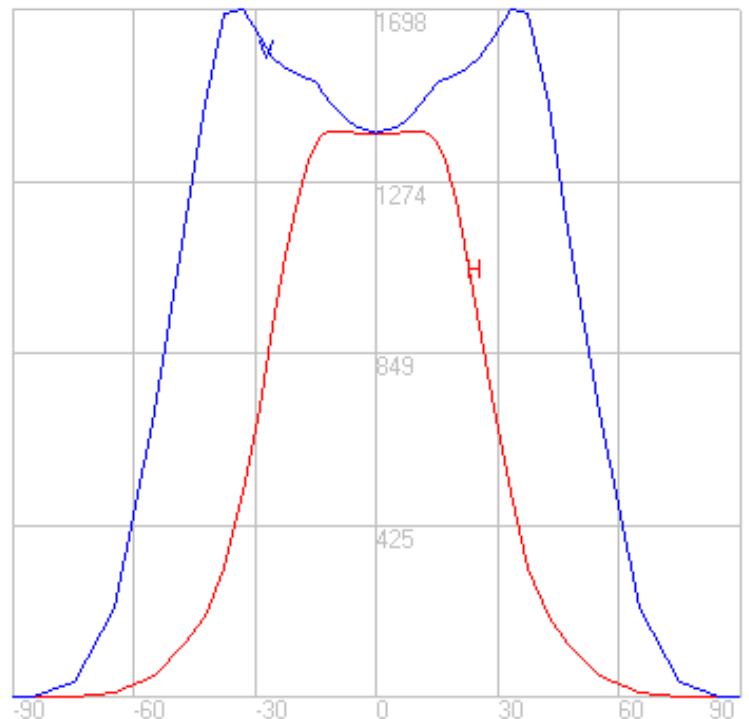
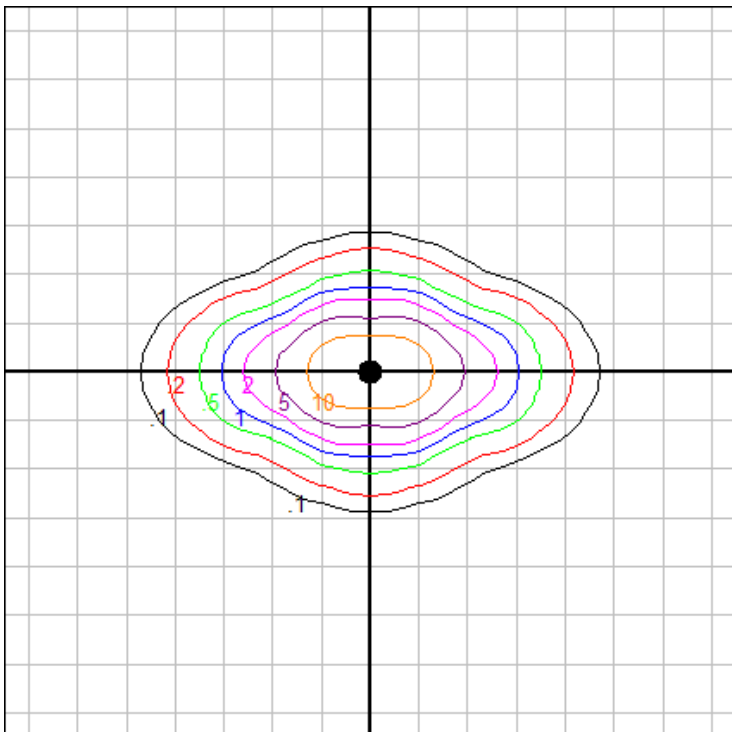


Characteristics

NEMA Type	5 H x 7 V
Maximum Candela	1698.377
Maximum Candela Angle	0 H -33 V
Horizontal Beam Angle (50%)	44.3
Vertical Beam Angle (50%)	105.2
Horizontal Field Angle (10%)	71.3
Vertical Field Angle (10%)	135.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1827
Beam Efficiency	N.A.
Field Lumens	2327
Field Efficiency	N.A.
Spill Lumens	120
Luminaire Lumens	2447
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	134.67
10-20	409.54
20-30	617.44
30-40	636.08
40-50	377.05
50-60	188.46
60-70	61.58
70-80	10.32
80-90	0.20
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: 5 ft.

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

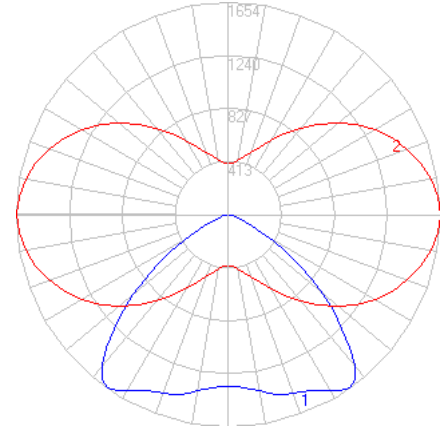
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File: 24432K27_BEGA_IES.ies

TEST: BE_24432K4
TEST LAB: BEGA
DATE: 7/26/2019
LUMINAIRE: 24 432K27
LAMP: 24.1W LED

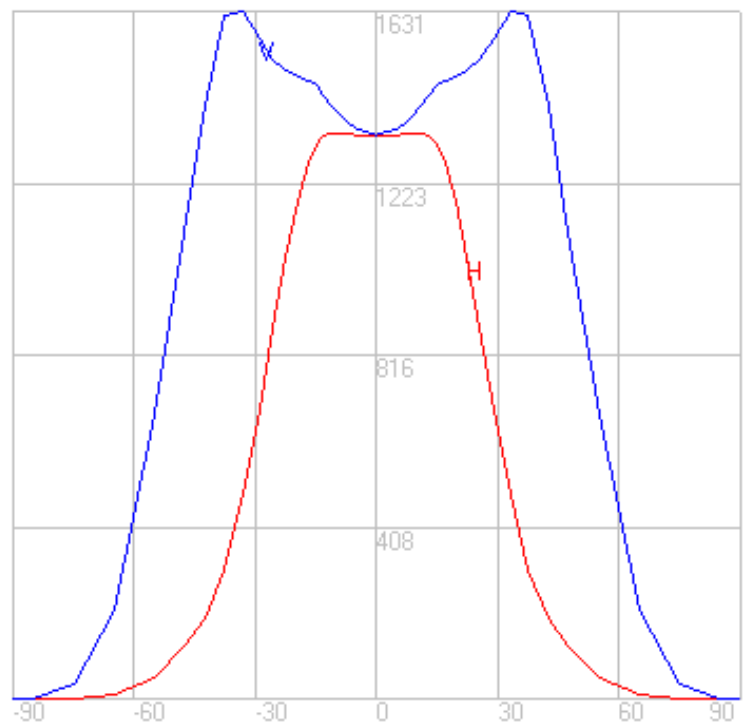
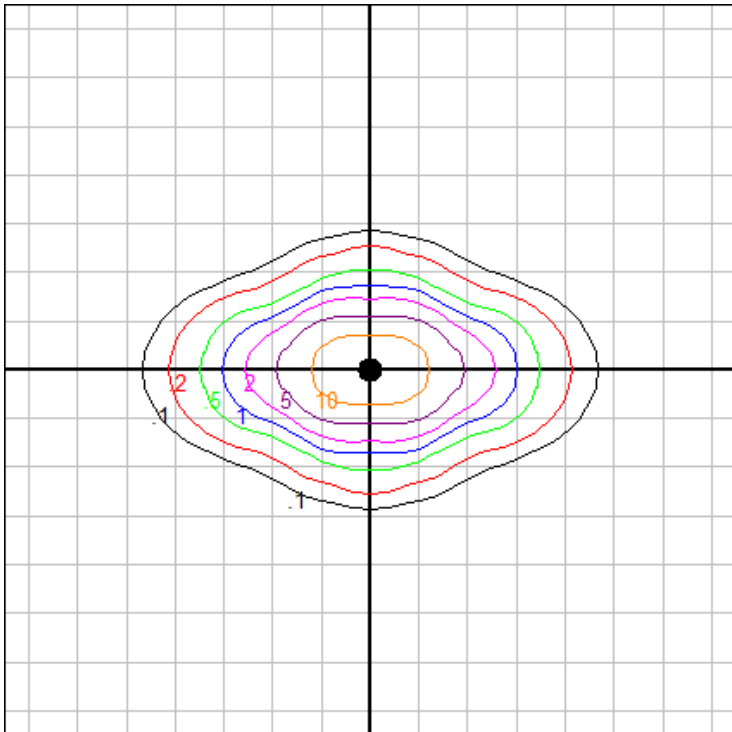


Characteristics

NEMA Type	5 H x 7 V
Maximum Candela	1631.131
Maximum Candela Angle	0 H -33 V
Horizontal Beam Angle (50%)	44.3
Vertical Beam Angle (50%)	105.2
Horizontal Field Angle (10%)	71.3
Vertical Field Angle (10%)	135.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1755
Beam Efficiency	N.A.
Field Lumens	2235
Field Efficiency	N.A.
Spill Lumens	115
Luminaire Lumens	2351
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	129.34
10-20	393.32
20-30	592.99
30-40	610.90
40-50	362.12
50-60	181.00
60-70	59.14
70-80	9.91
80-90	0.20
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: 5 ft.

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