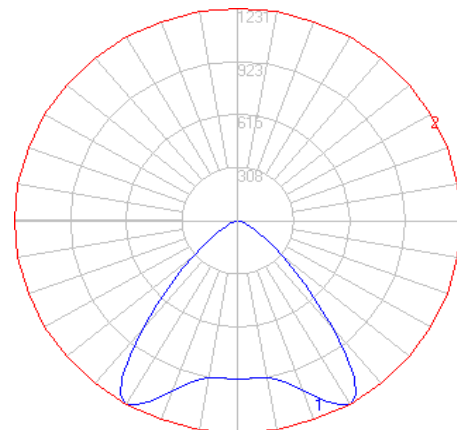
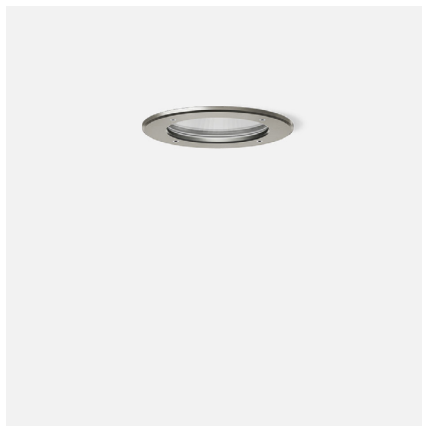


BEGA

File: 24441K4_BEGA_IES.ies

TEST: BE_24441K4
TEST LAB: BEGA
DATE: 6/17/2019
LUMINAIRE: 24 441K4
LAMP: 24.1W LED

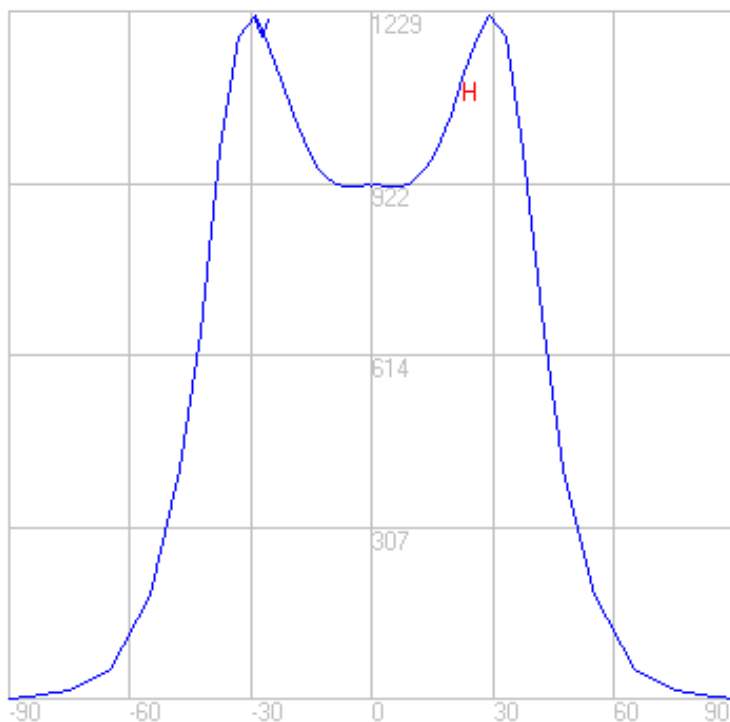
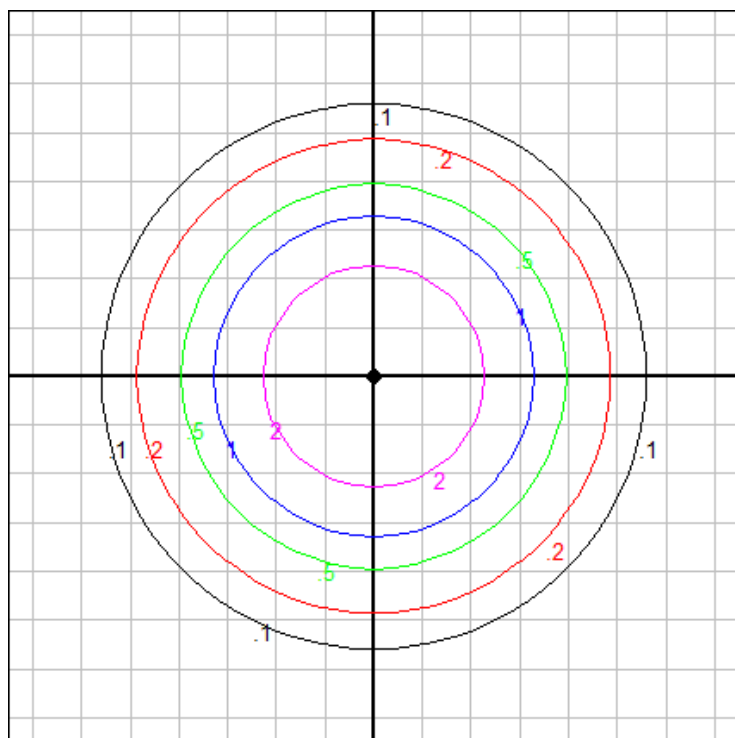


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	1228.785
Maximum Candela Angle	-29 H -7 V
Horizontal Beam Angle (50%)	67.3
Vertical Beam Angle (50%)	85.7
Horizontal Field Angle (10%)	107.2
Vertical Field Angle (10%)	118.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1741
Beam Efficiency	N.A.
Field Lumens	2133
Field Efficiency	N.A.
Spill Lumens	114
Luminaire Lumens	2247
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	87.81
10-20	278.73
20-30	537.43
30-40	673.76
40-50	412.66
50-60	173.79
60-70	55.89
70-80	15.55
80-90	2.68
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: 20 ft.

Grid Spacing: 5 ft.

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

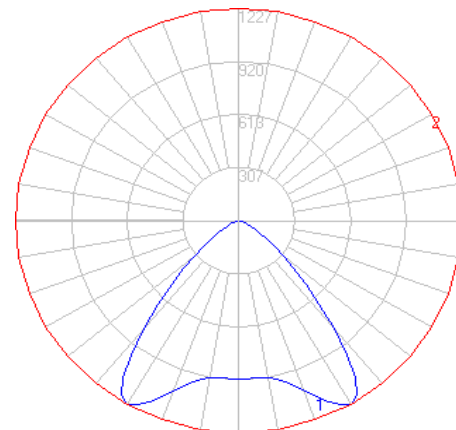
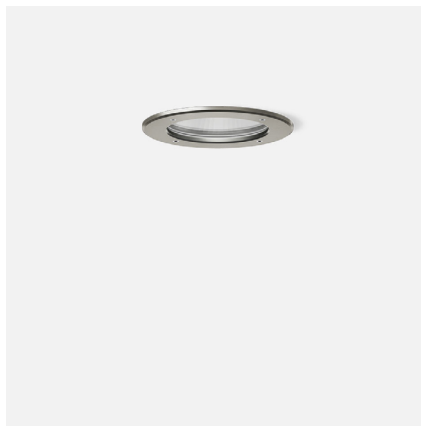
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BEGA

File: 24441K35_BEGA_IES.ies

TEST: BE_24441K4
TEST LAB: BEGA
DATE: 6/17/2019
LUMINAIRE: 24 441K35
LAMP: 24.1W LED

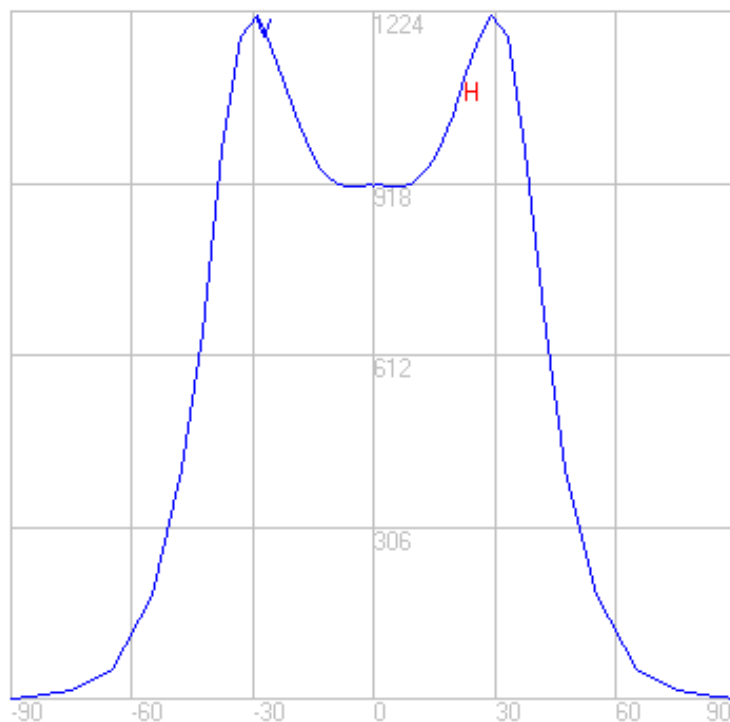
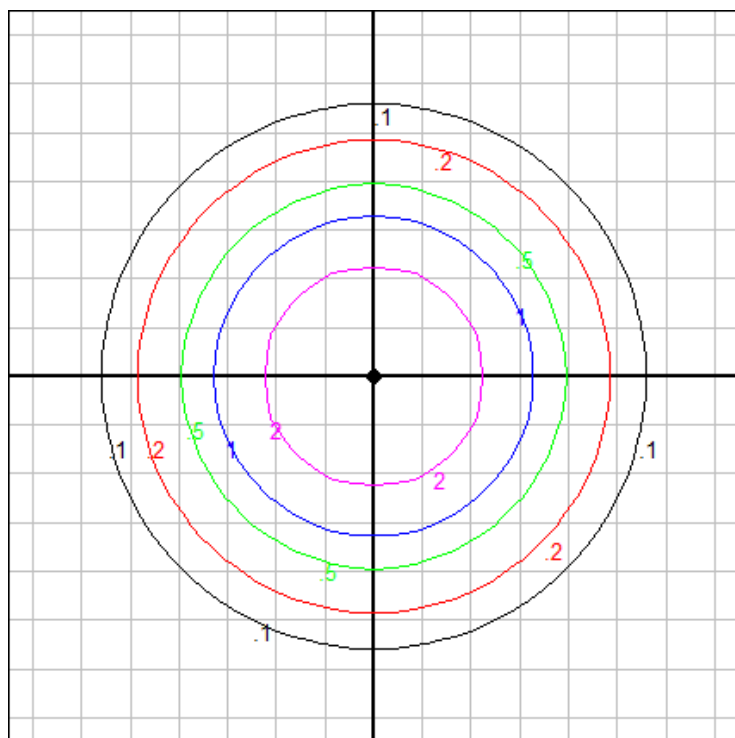


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	1224.443
Maximum Candela Angle	-29 H -7 V
Horizontal Beam Angle (50%)	67.3
Vertical Beam Angle (50%)	85.7
Horizontal Field Angle (10%)	107.2
Vertical Field Angle (10%)	118.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1735
Beam Efficiency	N.A.
Field Lumens	2126
Field Efficiency	N.A.
Spill Lumens	114
Luminaire Lumens	2239
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	87.50
10-20	277.75
20-30	535.53
30-40	671.38
40-50	411.20
50-60	173.18
60-70	55.69
70-80	15.49
80-90	2.67
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: 20 ft.

Grid Spacing: 5 ft.

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

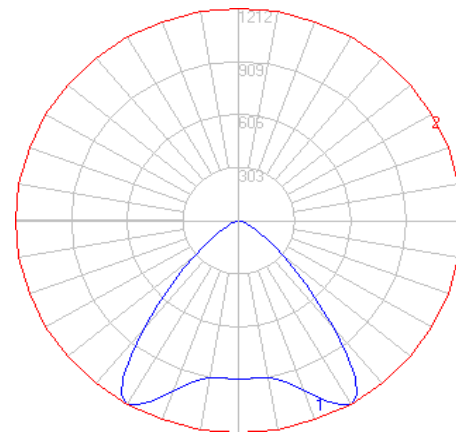
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BEGA

File: 24441K3_BEGA_IES.ies

TEST: BE_24441K4
TEST LAB: BEGA
DATE: 6/17/2019
LUMINAIRE: 24 441K3
LAMP: 24.1W LED

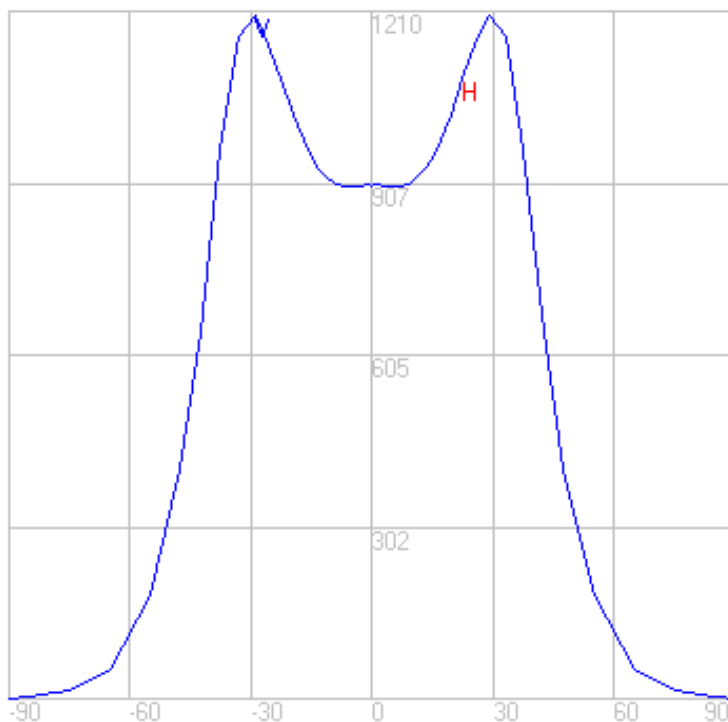
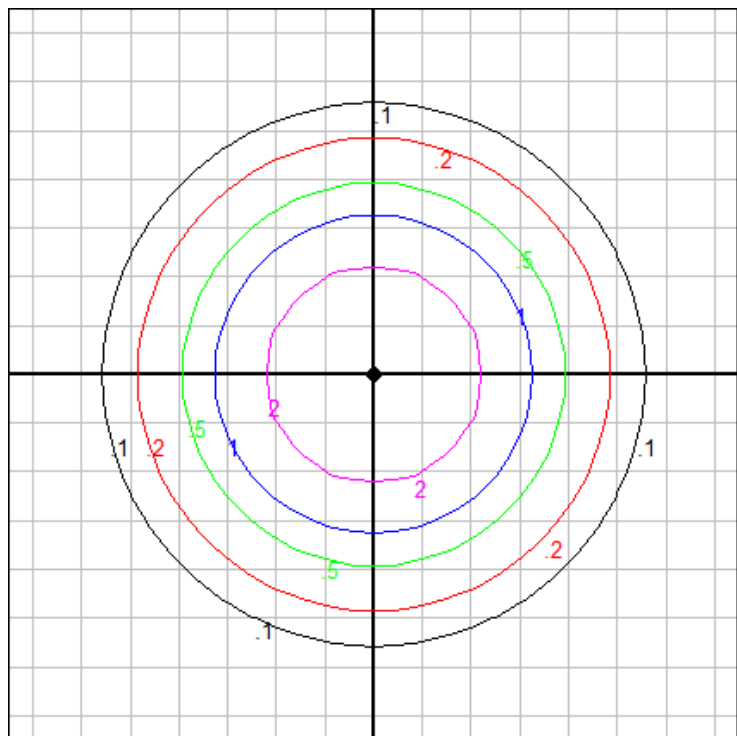


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	1209.969
Maximum Candela Angle	-29 H -7 V
Horizontal Beam Angle (50%)	67.3
Vertical Beam Angle (50%)	85.7
Horizontal Field Angle (10%)	107.2
Vertical Field Angle (10%)	118.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1715
Beam Efficiency	N.A.
Field Lumens	2100
Field Efficiency	N.A.
Spill Lumens	112
Luminaire Lumens	2213
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	86.46
10-20	274.46
20-30	529.20
30-40	663.44
40-50	406.34
50-60	171.13
60-70	55.03
70-80	15.31
80-90	2.64
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: 20 ft.

Grid Spacing: 5 ft.

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

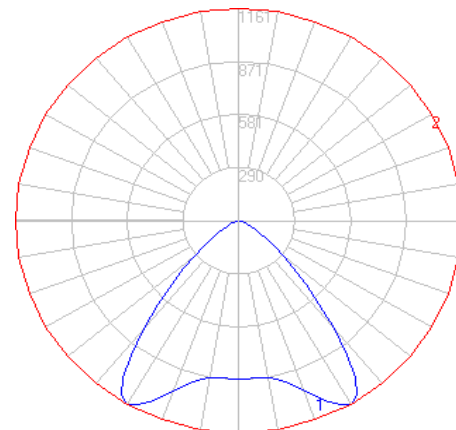
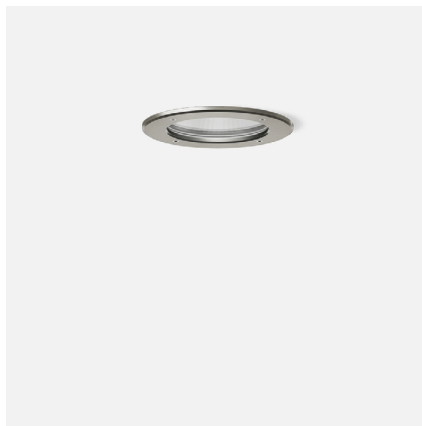
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BEGA

File: 24441K27_BEGA_IES.ies

TEST: BE_24441K4
TEST LAB: BEGA
DATE: 6/17/2019
LUMINAIRE: 24 441K27
LAMP: 24.1W LED

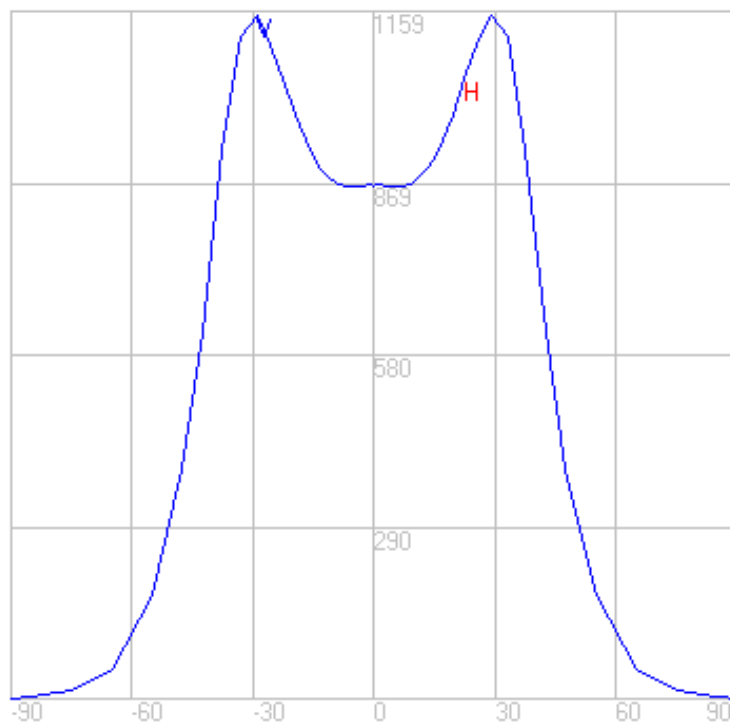
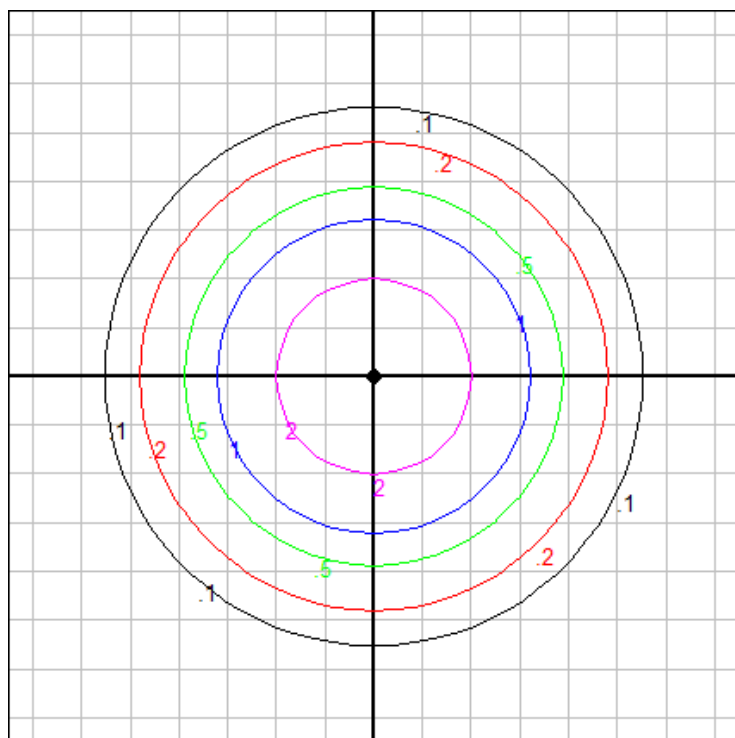


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	1159.313
Maximum Candela Angle	-29 H -7 V
Horizontal Beam Angle (50%)	67.3
Vertical Beam Angle (50%)	85.7
Horizontal Field Angle (10%)	107.2
Vertical Field Angle (10%)	118.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1643
Beam Efficiency	N.A.
Field Lumens	2013
Field Efficiency	N.A.
Spill Lumens	108
Luminaire Lumens	2120
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	82.84
10-20	262.97
20-30	507.05
30-40	635.66
40-50	389.33
50-60	163.97
60-70	52.73
70-80	14.67
80-90	2.53
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: 20 ft.

Grid Spacing: 5 ft.

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