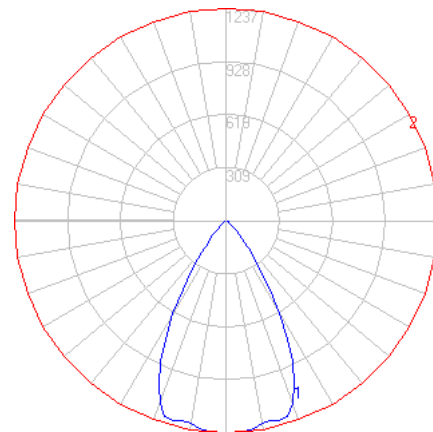


BEGA

File: 24291K4_BEGA_IES.ies

TEST: BE_24291K4
TEST LAB: BEGA
DATE: 6/13/2019
LUMINAIRE: 24 291K4
LAMP: 12.3W LED

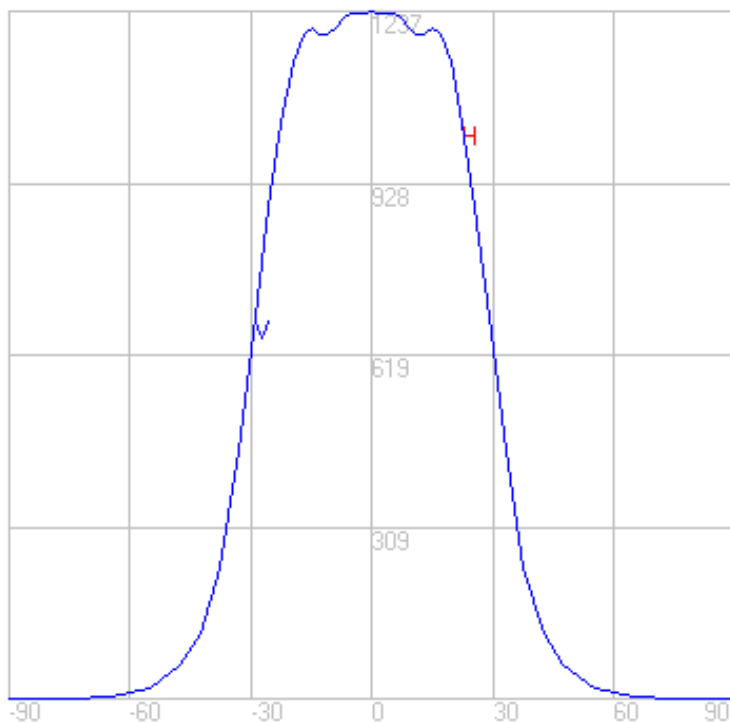
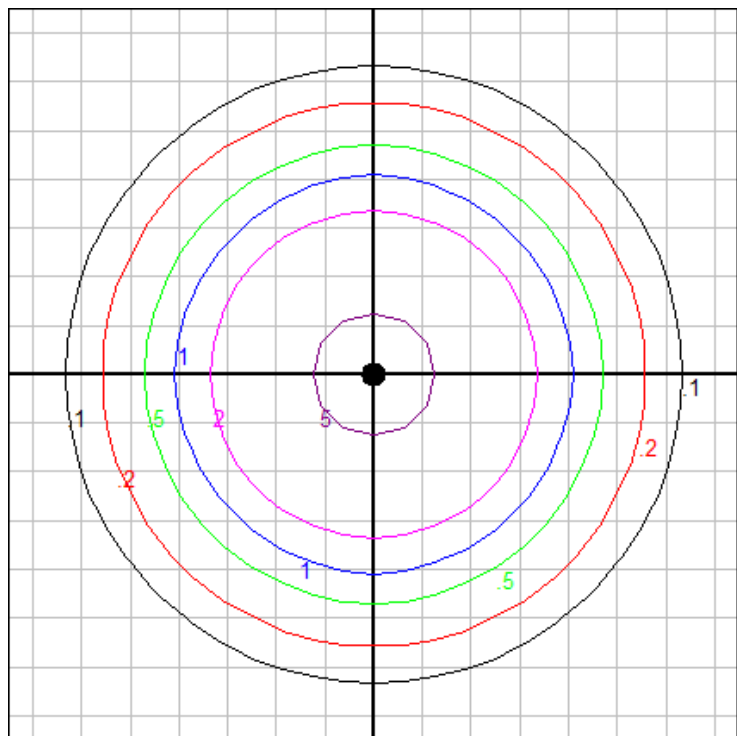


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1237.401
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	60.3
Vertical Beam Angle (50%)	60.3
Horizontal Field Angle (10%)	84.4
Vertical Field Angle (10%)	84.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	860
Beam Efficiency	N.A.
Field Lumens	1111
Field Efficiency	N.A.
Spill Lumens	74
Luminaire Lumens	1185
Total Efficiency	N.A.
Total Luminaire Watts	14
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	116.76
10-20	337.13
20-30	410.27
30-40	221.81
40-50	68.70
50-60	18.87
60-70	4.79
70-80	1.89
80-90	0.58
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: 15 ft.

Grid Spacing: 2.5 ft.

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

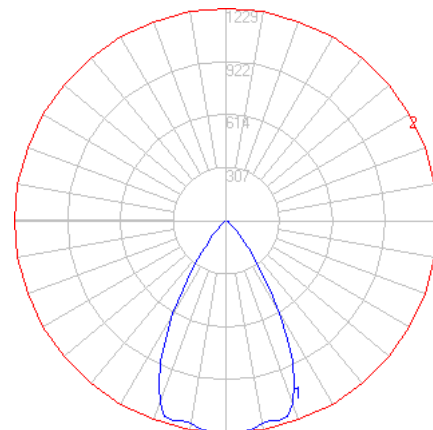
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File: 24291K35_BEGA_IES.ies

TEST: BE_24291K4
TEST LAB: BEGA
DATE: 6/13/2019
LUMINAIRE: 24 291K35
LAMP: 12.3W LED

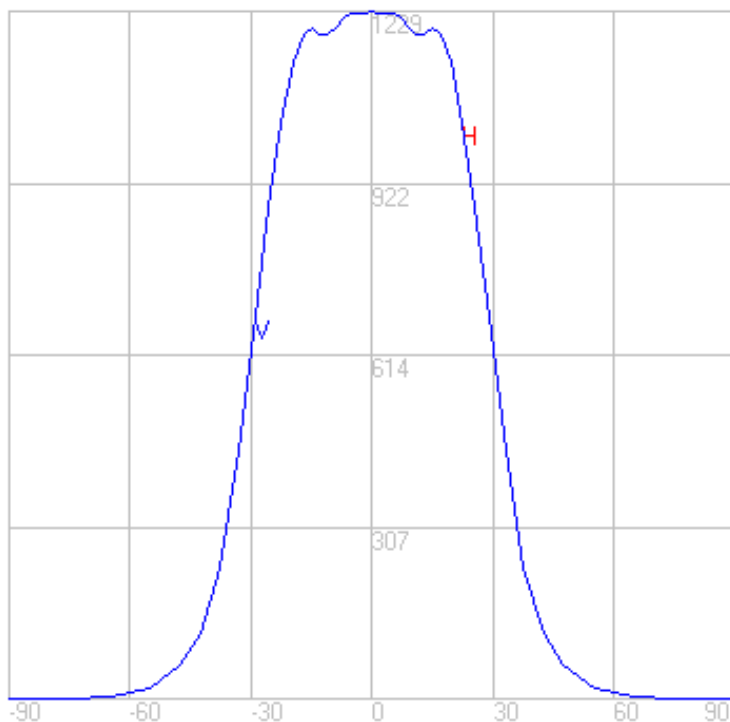
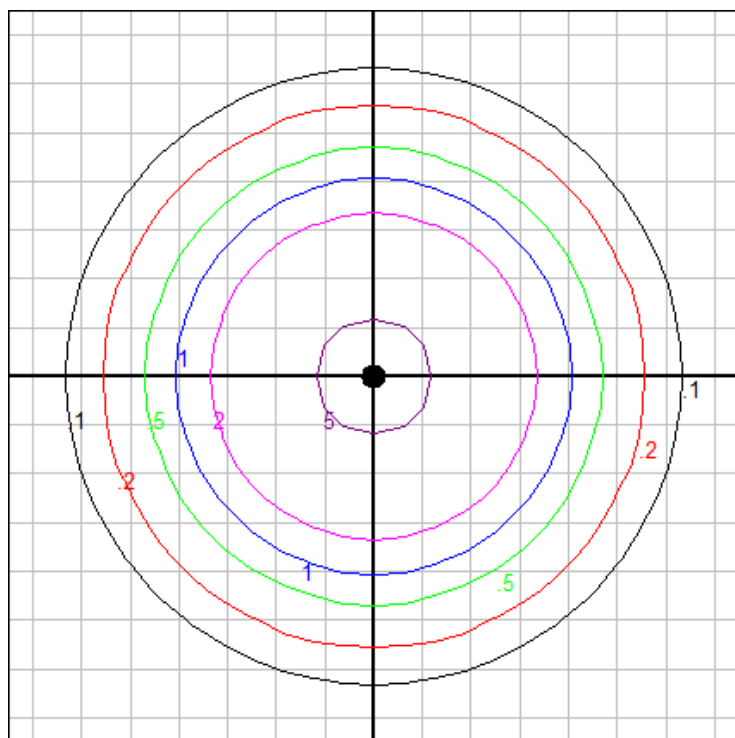


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1228.867
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	60.3
Vertical Beam Angle (50%)	60.3
Horizontal Field Angle (10%)	84.4
Vertical Field Angle (10%)	84.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	854
Beam Efficiency	N.A.
Field Lumens	1103
Field Efficiency	N.A.
Spill Lumens	73
Luminaire Lumens	1177
Total Efficiency	N.A.
Total Luminaire Watts	14
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	115.96
10-20	334.81
20-30	407.44
30-40	220.28
40-50	68.23
50-60	18.74
60-70	4.76
70-80	1.88
80-90	0.58
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: 15 ft.

Grid Spacing: 2.5 ft.

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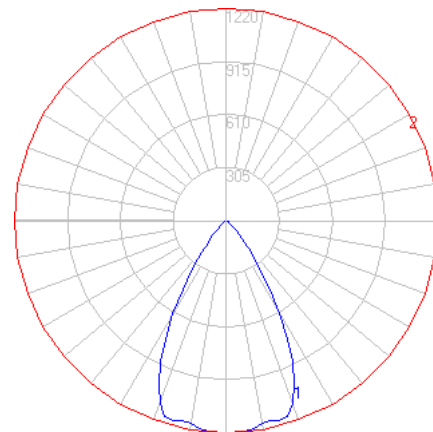
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File: 24291K3_BEGA_IES.ies

TEST: BE_24291K4
TEST LAB: BEGA
DATE: 6/13/2019
LUMINAIRE: 24 291K3
LAMP: 12.3W LED

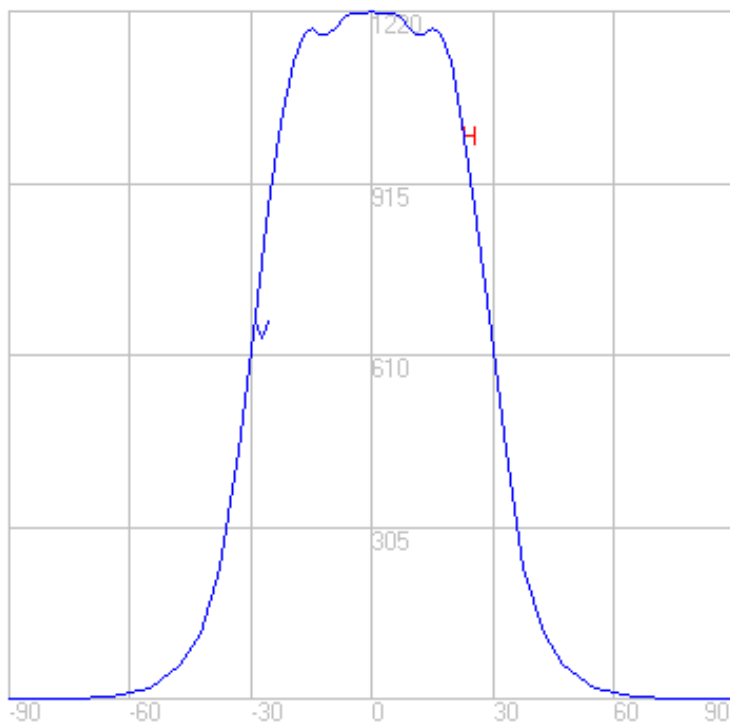
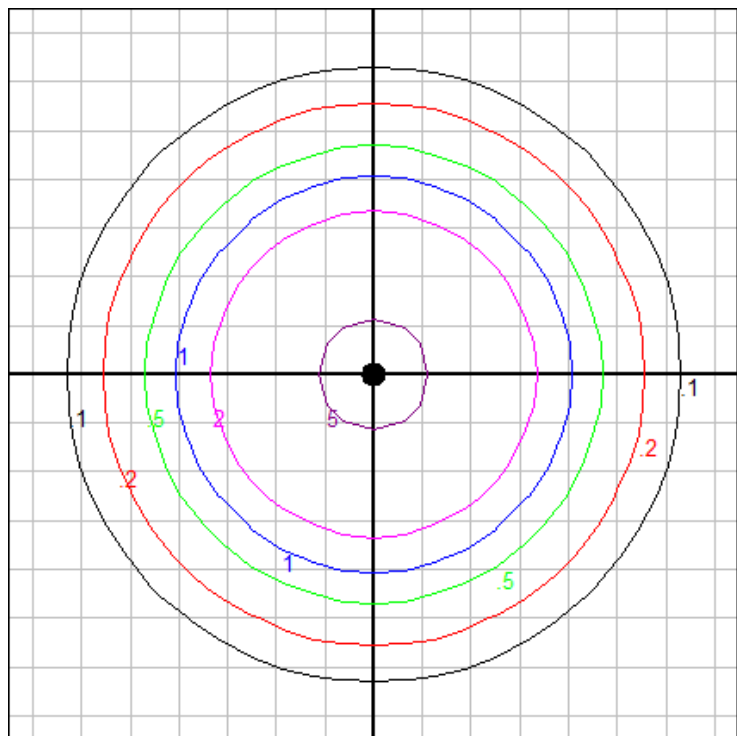


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1220.333
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	60.3
Vertical Beam Angle (50%)	60.3
Horizontal Field Angle (10%)	84.4
Vertical Field Angle (10%)	84.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	848
Beam Efficiency	N.A.
Field Lumens	1096
Field Efficiency	N.A.
Spill Lumens	73
Luminaire Lumens	1168
Total Efficiency	N.A.
Total Luminaire Watts	14
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	115.15
10-20	332.48
20-30	404.61
30-40	218.75
40-50	67.75
50-60	18.61
60-70	4.72
70-80	1.87
80-90	0.57
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: 15 ft.

Grid Spacing: 2.5 ft.

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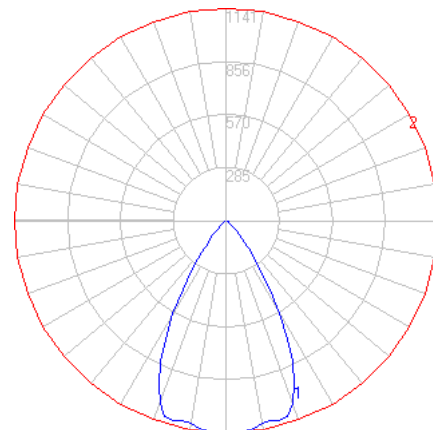
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BEGA

File: 24291K27_BEGA_IES.ies

TEST: BE_24291K4
TEST LAB: BEGA
DATE: 6/13/2019
LUMINAIRE: 24 291K27
LAMP: 12.3W LED

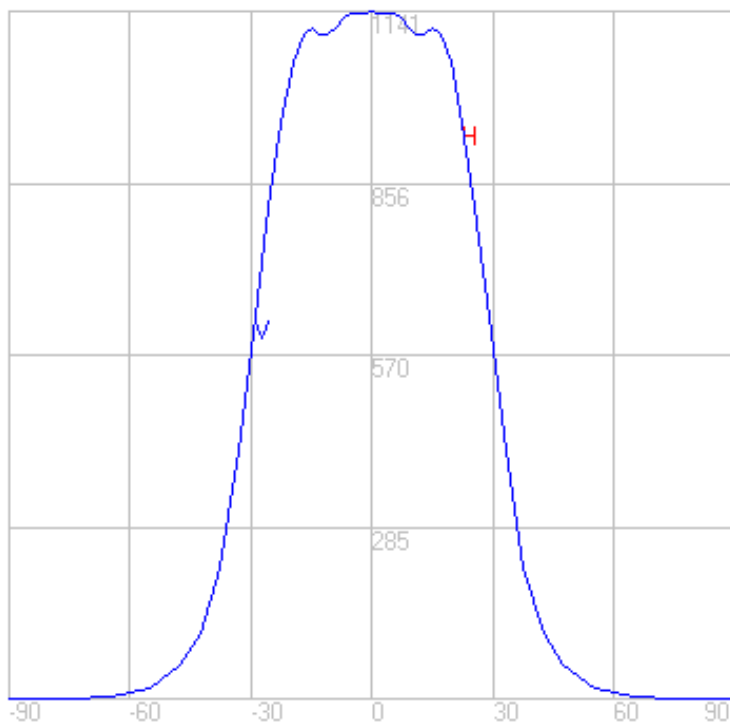
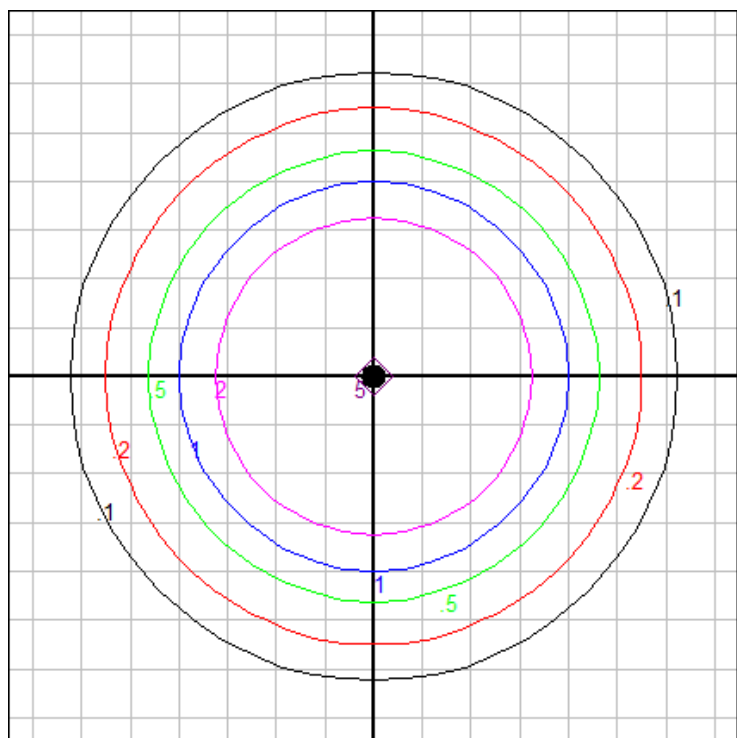


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1140.685
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	60.3
Vertical Beam Angle (50%)	60.3
Horizontal Field Angle (10%)	84.4
Vertical Field Angle (10%)	84.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	793
Beam Efficiency	N.A.
Field Lumens	1024
Field Efficiency	N.A.
Spill Lumens	68
Luminaire Lumens	1092
Total Efficiency	N.A.
Total Luminaire Watts	14
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	107.64
10-20	310.78
20-30	378.21
30-40	204.47
40-50	63.33
50-60	17.40
60-70	4.41
70-80	1.74
80-90	0.53
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: 15 ft.

Grid Spacing: 2.5 ft.

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