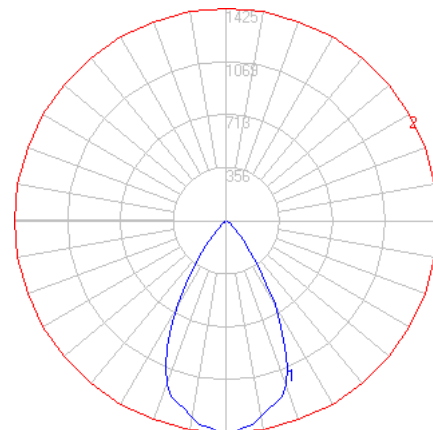


BEGA

File: 24251K4_BEGA_IES.ies

TEST: BE_24251K4
TEST LAB: BEGA
DATE: 6/14/2019
LUMINAIRE: 24 251K4
LAMP: 12.3W LED

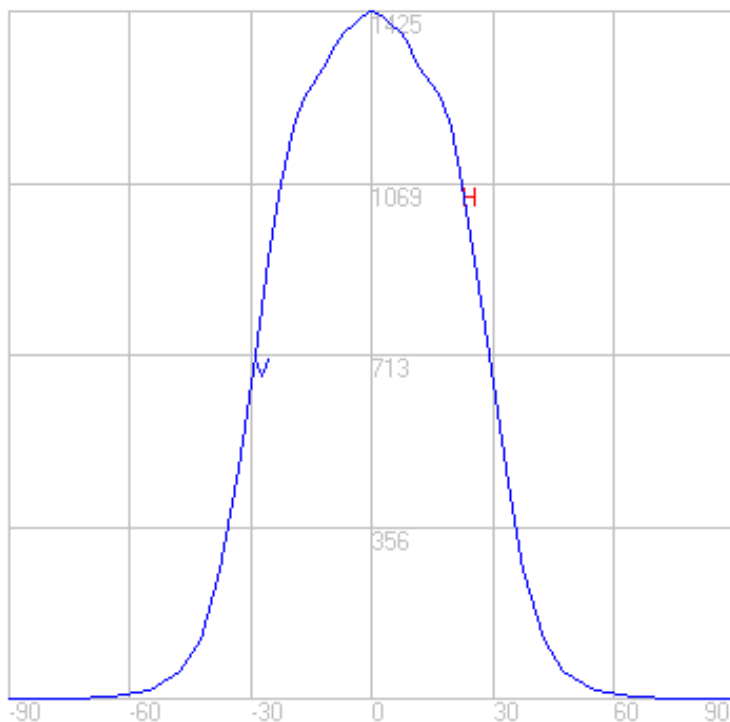
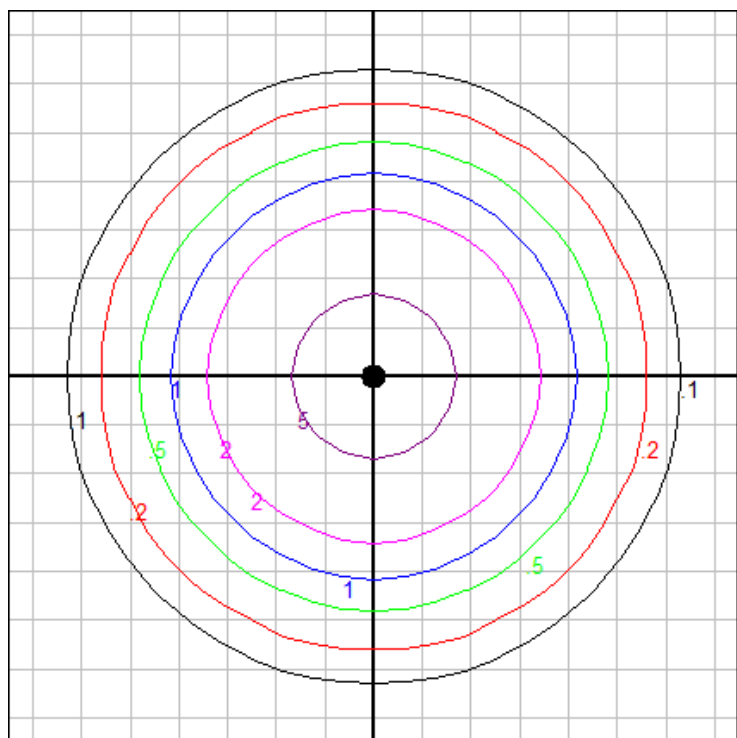


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1425.234
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	58.0
Vertical Beam Angle (50%)	58.0
Horizontal Field Angle (10%)	83.7
Vertical Field Angle (10%)	83.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	879
Beam Efficiency	N.A.
Field Lumens	1179
Field Efficiency	N.A.
Spill Lumens	68
Luminaire Lumens	1247
Total Efficiency	N.A.
Total Luminaire Watts	14
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	131.84
10-20	357.25
20-30	423.46
30-40	239.84
40-50	70.68
50-60	16.41
60-70	2.98
70-80	0.43
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: 15 ft.

Grid Spacing: 2.5 ft.

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

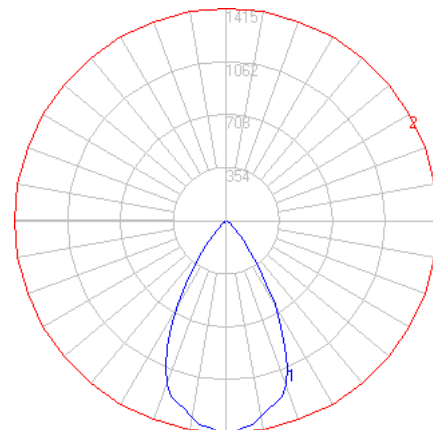
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File: 24251K35_BEGA_IES.ies

TEST: BE_24251K4
TEST LAB: BEGA
DATE: 6/14/2019
LUMINAIRE: 24 251K35
LAMP: 12.3W LED

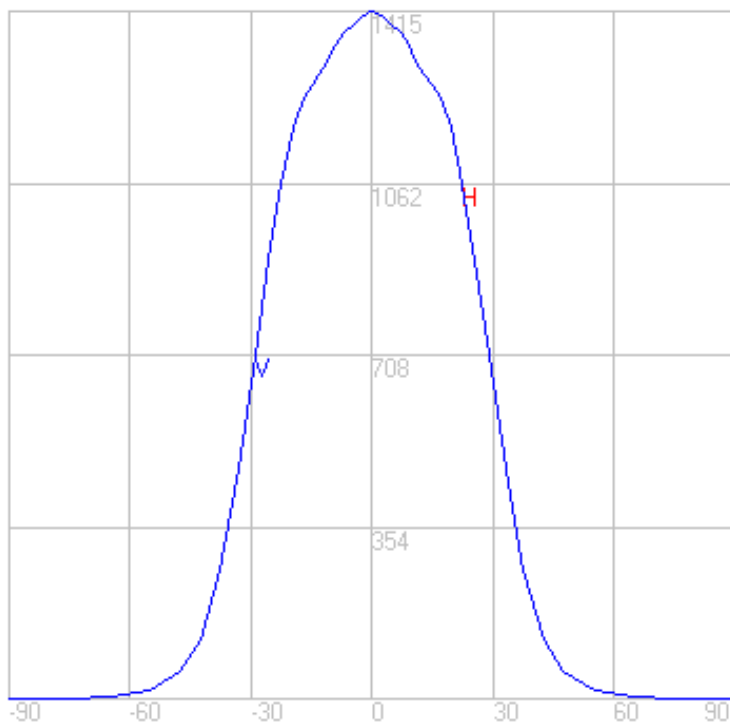
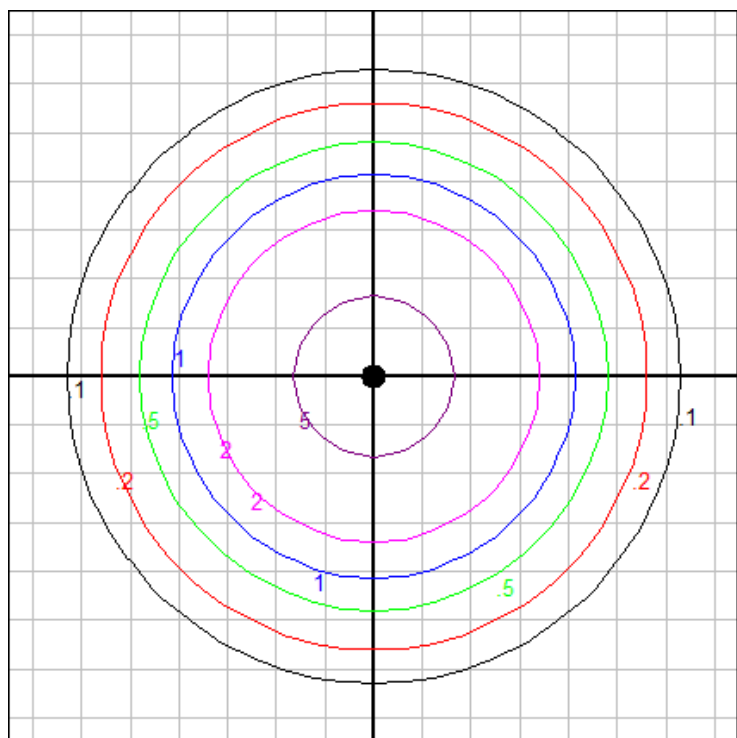


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1415.405
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	58.0
Vertical Beam Angle (50%)	58.0
Horizontal Field Angle (10%)	83.7
Vertical Field Angle (10%)	83.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	873
Beam Efficiency	N.A.
Field Lumens	1171
Field Efficiency	N.A.
Spill Lumens	67
Luminaire Lumens	1238
Total Efficiency	N.A.
Total Luminaire Watts	14
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	130.94
10-20	354.79
20-30	420.54
30-40	238.19
40-50	70.19
50-60	16.29
60-70	2.96
70-80	0.43
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: 15 ft.

Grid Spacing: 2.5 ft.

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

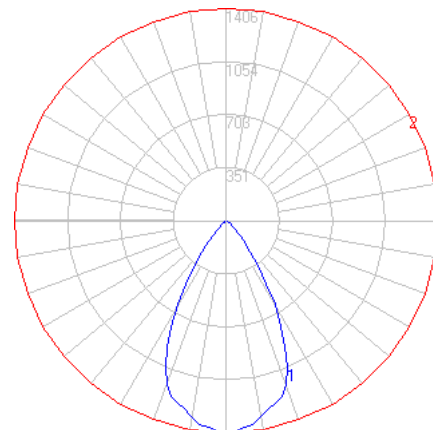
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File: 24251K3_BEGA_IES.ies

TEST: BE_24251K4
TEST LAB: BEGA
DATE: 6/14/2019
LUMINAIRE: 24 251K3
LAMP: 12.3W LED

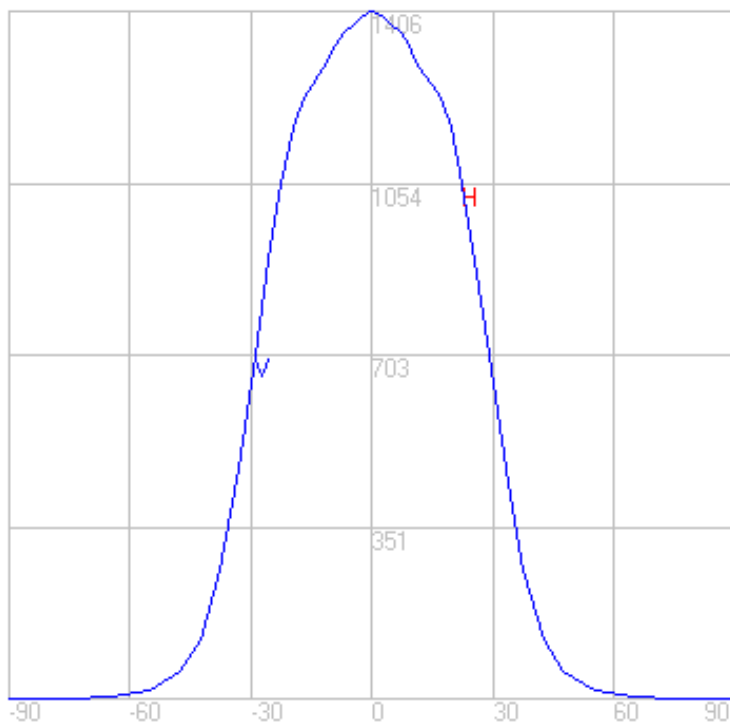
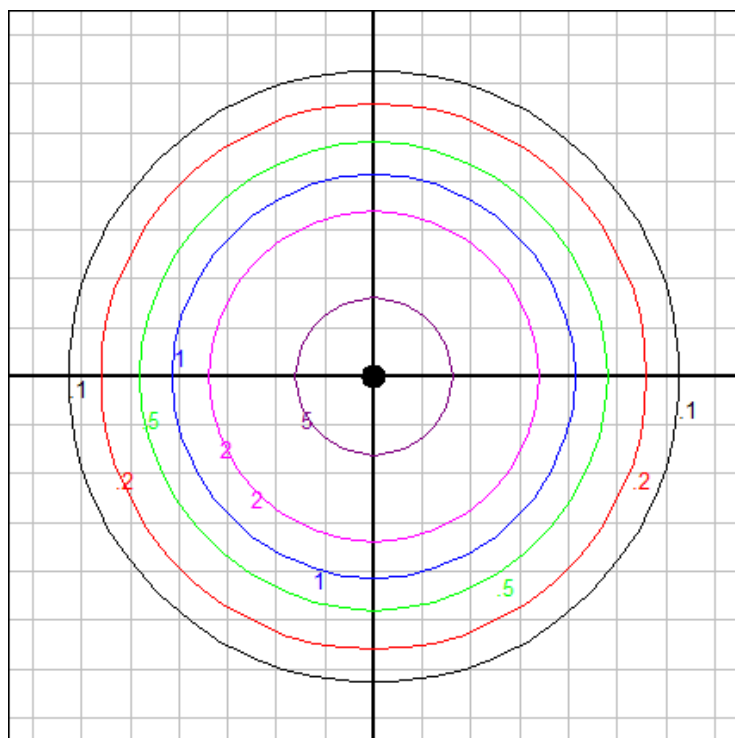


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1405.576
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	58.0
Vertical Beam Angle (50%)	58.0
Horizontal Field Angle (10%)	83.7
Vertical Field Angle (10%)	83.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	867
Beam Efficiency	N.A.
Field Lumens	1163
Field Efficiency	N.A.
Spill Lumens	67
Luminaire Lumens	1230
Total Efficiency	N.A.
Total Luminaire Watts	14
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	130.03
10-20	352.32
20-30	417.62
30-40	236.53
40-50	69.71
50-60	16.18
60-70	2.94
70-80	0.43
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: 15 ft.

Grid Spacing: 2.5 ft.

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

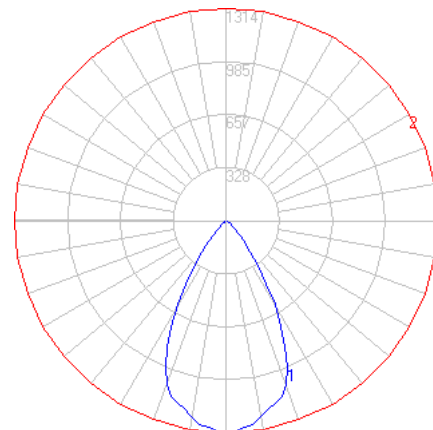
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BEGA

File: 24251K27_BEGA_IES.ies

TEST: BE_24251K4
TEST LAB: BEGA
DATE: 6/14/2019
LUMINAIRE: 24 251K27
LAMP: 12.3W LED

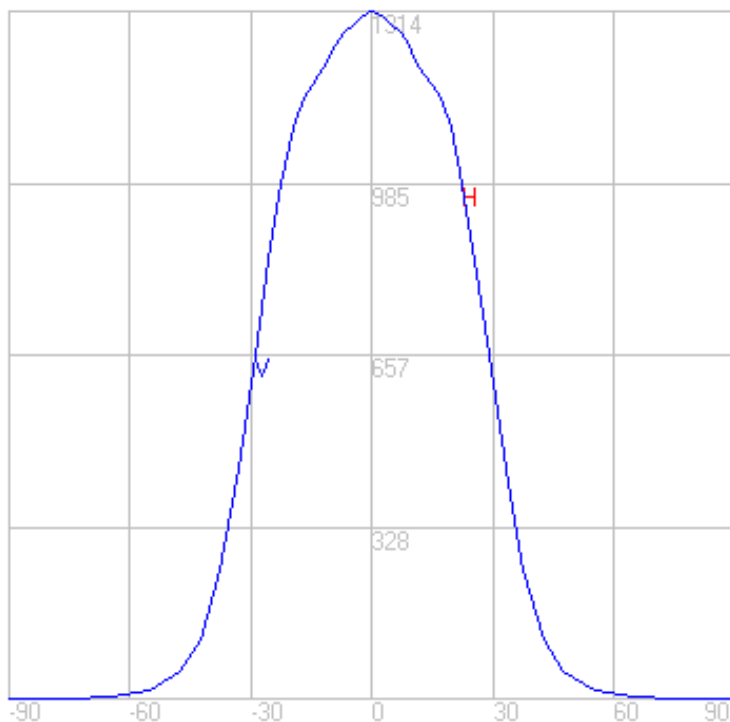
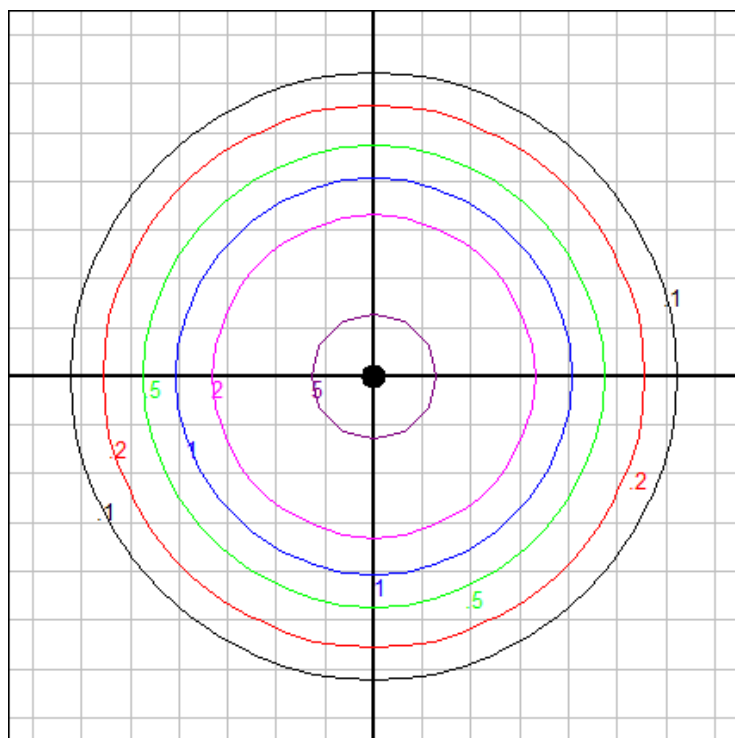


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1313.836
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	58.0
Vertical Beam Angle (50%)	58.0
Horizontal Field Angle (10%)	83.7
Vertical Field Angle (10%)	83.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	811
Beam Efficiency	N.A.
Field Lumens	1087
Field Efficiency	N.A.
Spill Lumens	62
Luminaire Lumens	1149
Total Efficiency	N.A.
Total Luminaire Watts	14
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	121.54
10-20	329.33
20-30	390.36
30-40	221.10
40-50	65.16
50-60	15.13
60-70	2.75
70-80	0.40
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: 15 ft.

Grid Spacing: 2.5 ft.

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