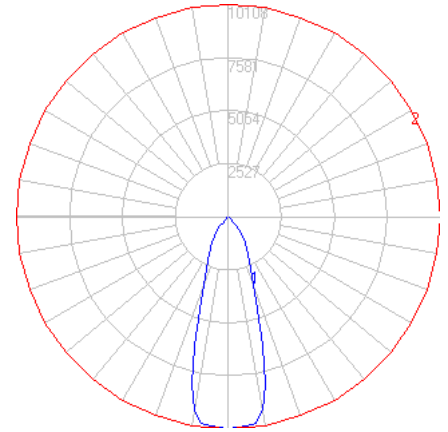


BEGA

File: 24421K4_BEGA_IES.ies

TEST: BE_24421K4
TEST LAB: BEGA
DATE: 7/12/2019
LUMINAIRE: 24 421K4
LAMP: 35.7W LED

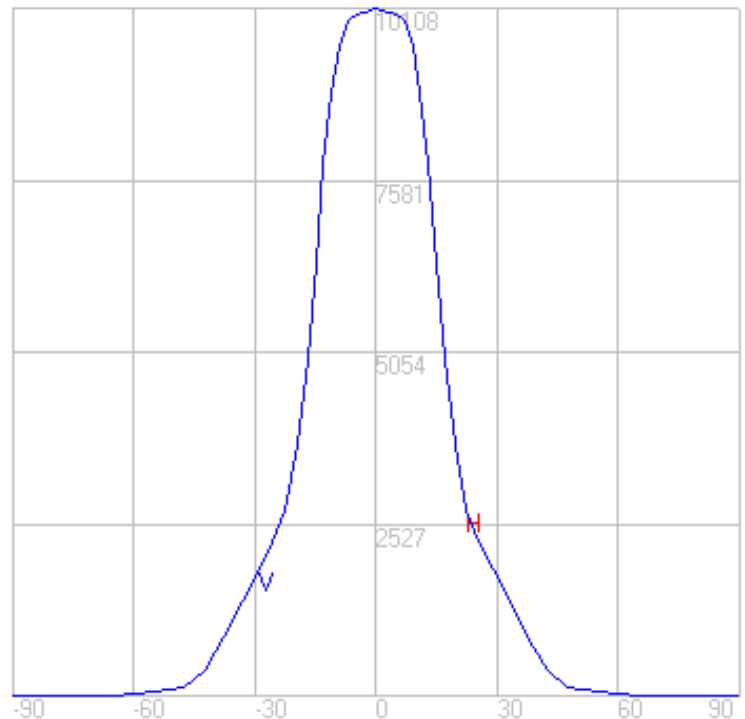
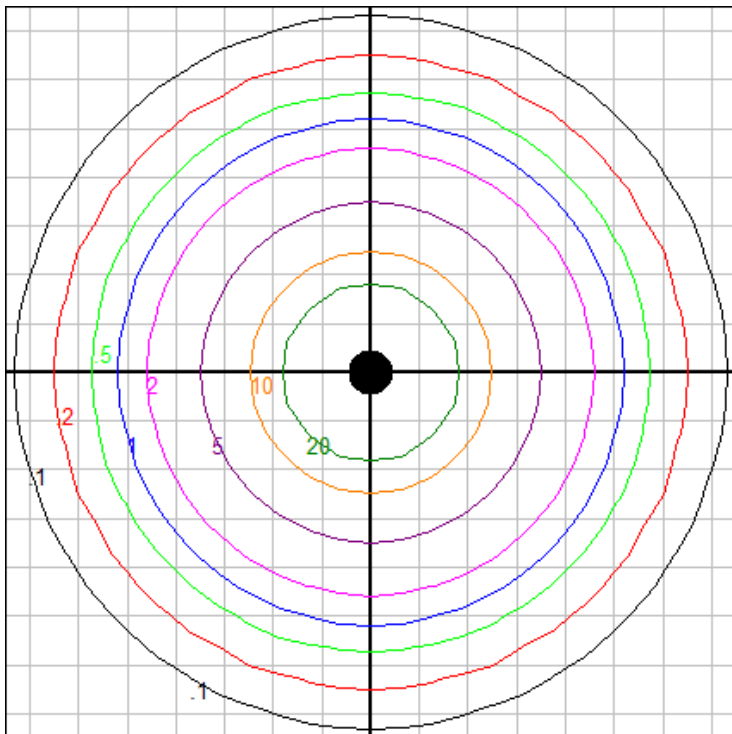


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	10108.1
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	33.8
Vertical Beam Angle (50%)	33.8
Horizontal Field Angle (10%)	72.6
Vertical Field Angle (10%)	72.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2192
Beam Efficiency	N.A.
Field Lumens	4268
Field Efficiency	N.A.
Spill Lumens	455
Luminaire Lumens	4723
Total Efficiency	N.A.
Total Luminaire Watts	41
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	940.34
10-20	1718.23
20-30	1096.26
30-40	714.34
40-50	194.10
50-60	48.51
60-70	5.14
70-80	0.03
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.

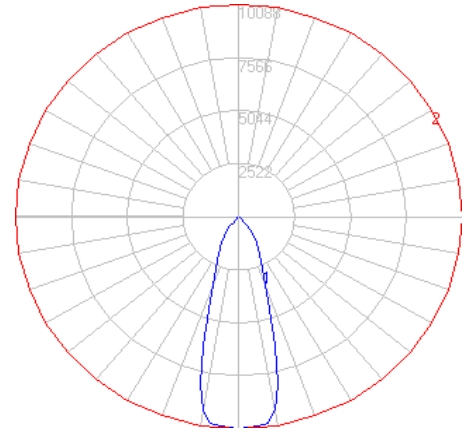
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File: 24421K35_BEGA_IES.ies

TEST: BE_24421K4
TEST LAB: BEGA
DATE: 7/12/2019
LUMINAIRE: 24 421K35
LAMP: 35.7W LED

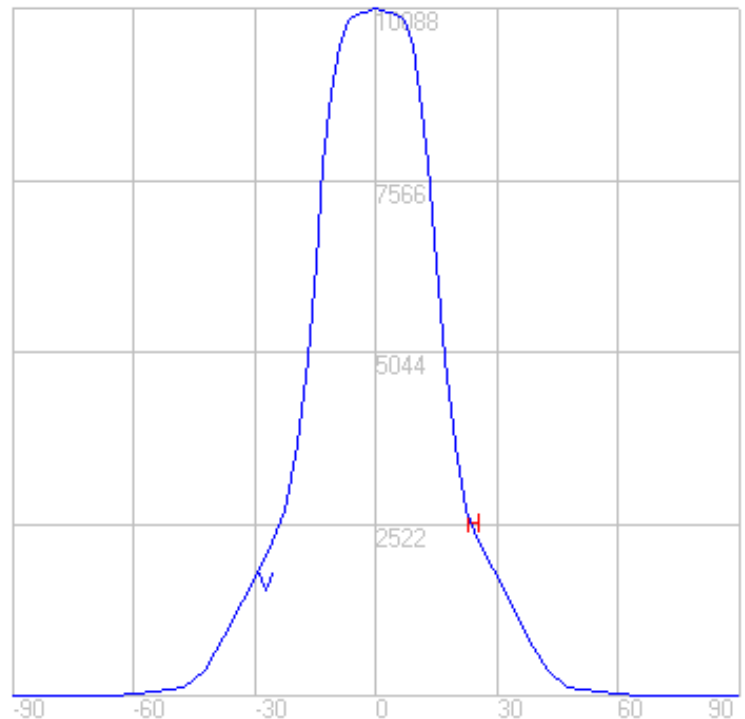
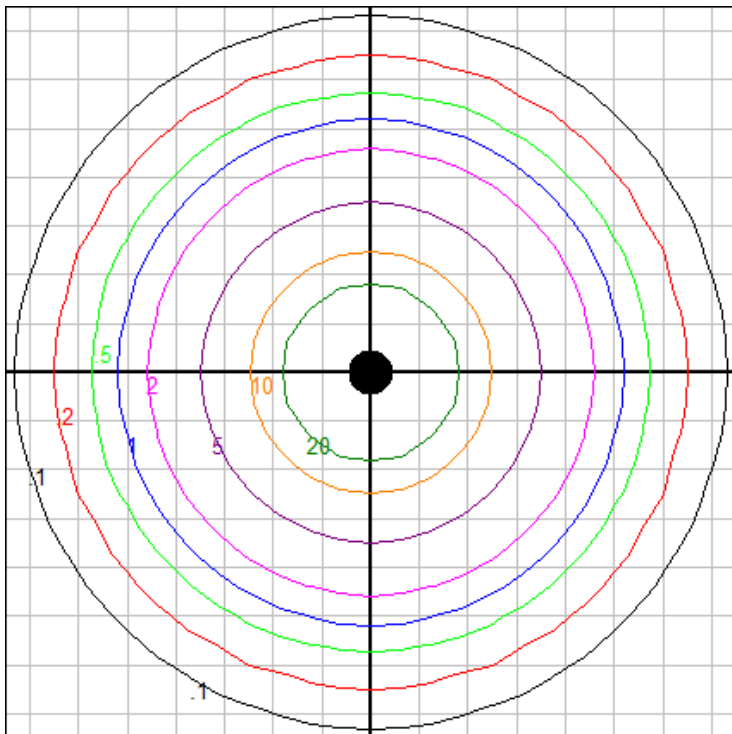


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	10087.884
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	33.8
Vertical Beam Angle (50%)	33.8
Horizontal Field Angle (10%)	72.6
Vertical Field Angle (10%)	72.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2188
Beam Efficiency	N.A.
Field Lumens	4259
Field Efficiency	N.A.
Spill Lumens	454
Luminaire Lumens	4713
Total Efficiency	N.A.
Total Luminaire Watts	41
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	938.46
10-20	1714.8
20-30	1094.07
30-40	712.91
40-50	193.71
50-60	48.41
60-70	5.13
70-80	0.03
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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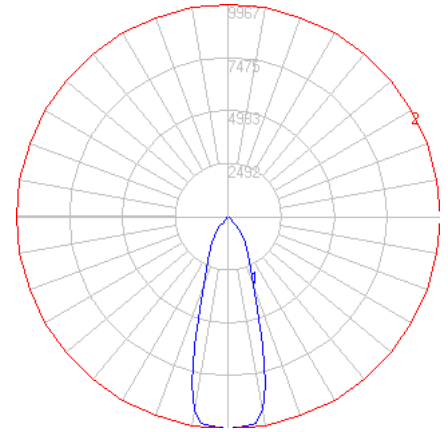
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File: 24421K3_BEGA_IES.ies

TEST: BE_24421K4
TEST LAB: BEGA
DATE: 7/12/2019
LUMINAIRE: 24 421K3
LAMP: 35.7W LED

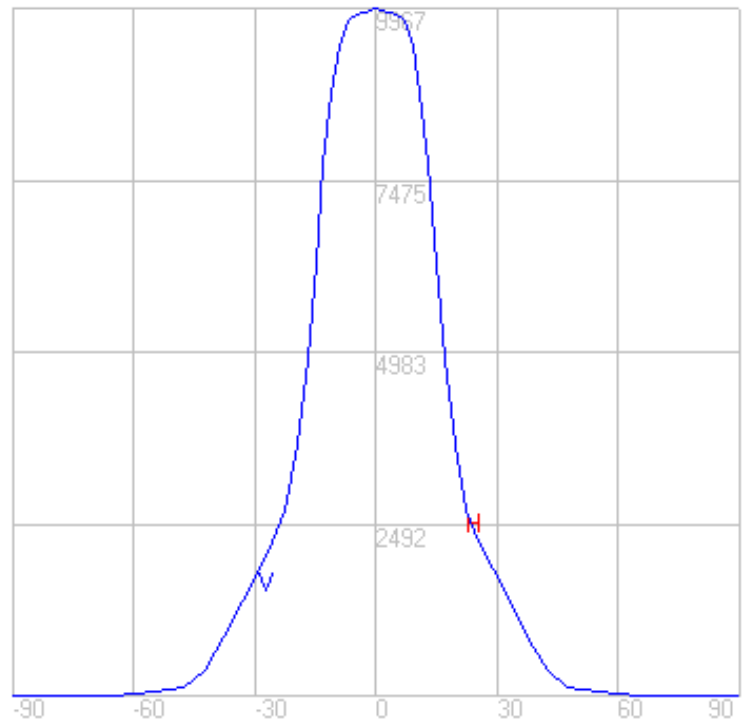
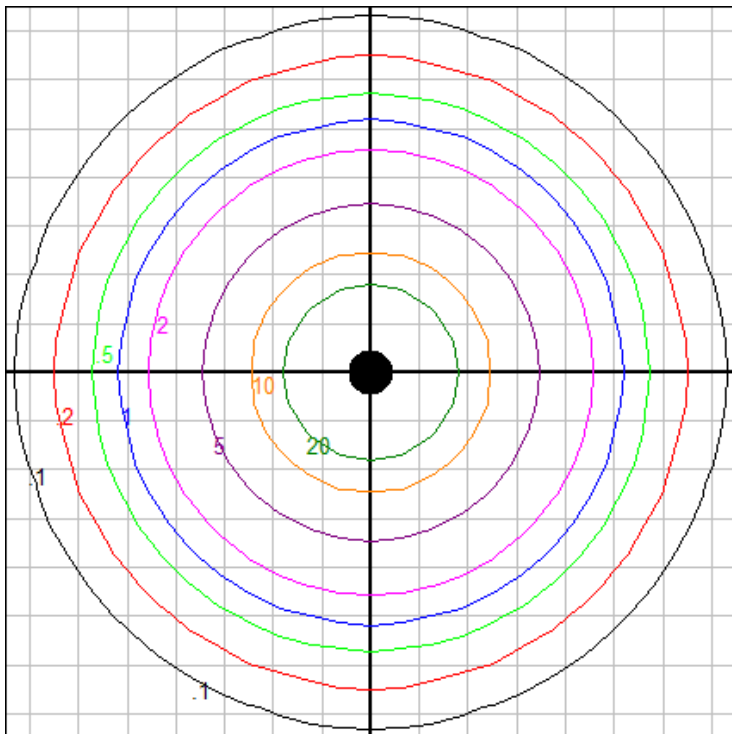


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	9966.587
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	33.8
Vertical Beam Angle (50%)	33.8
Horizontal Field Angle (10%)	72.6
Vertical Field Angle (10%)	72.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2162
Beam Efficiency	N.A.
Field Lumens	4208
Field Efficiency	N.A.
Spill Lumens	448
Luminaire Lumens	4657
Total Efficiency	N.A.
Total Luminaire Watts	41
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	927.17
10-20	1694.18
20-30	1080.91
30-40	704.34
40-50	191.38
50-60	47.83
60-70	5.07
70-80	0.03
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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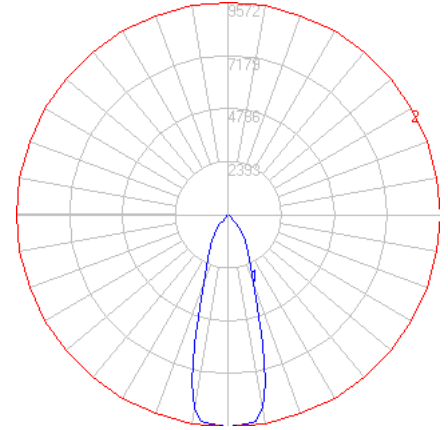
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File: 24421K27_BEGA_IES.ies

TEST: BE_24421K4
TEST LAB: BEGA
DATE: 7/12/2019
LUMINAIRE: 24 421K27
LAMP: 35.7W LED

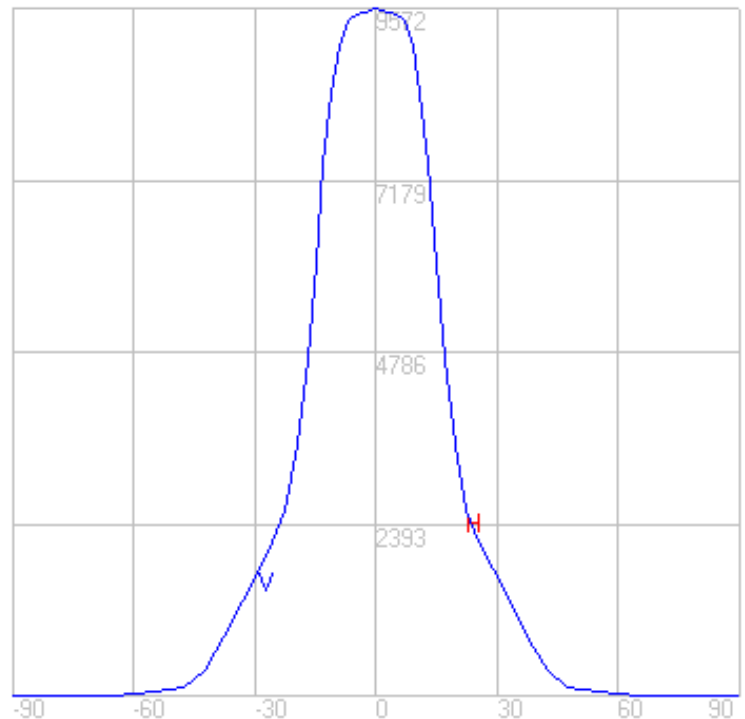
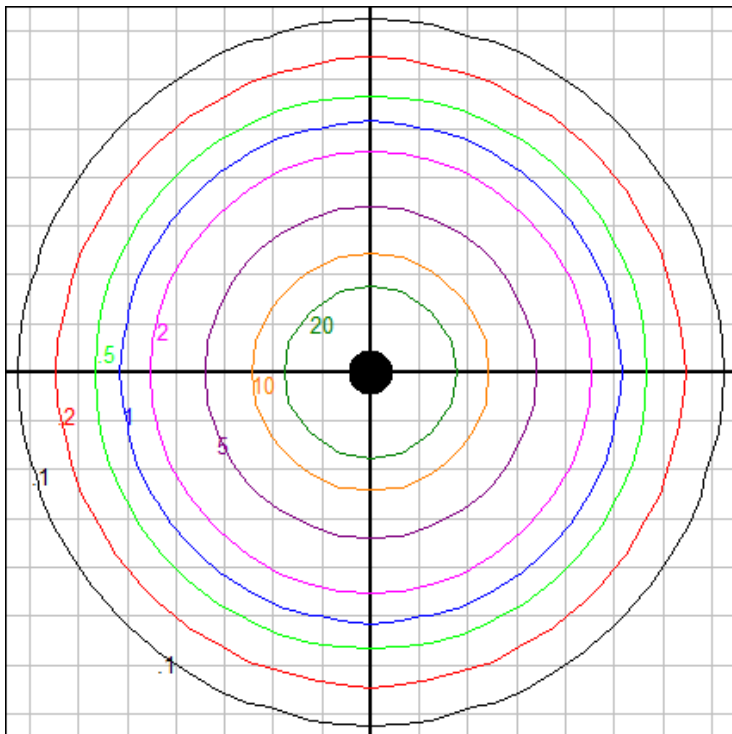


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	9572.371
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	33.8
Vertical Beam Angle (50%)	33.8
Horizontal Field Angle (10%)	72.6
Vertical Field Angle (10%)	72.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2076
Beam Efficiency	N.A.
Field Lumens	4042
Field Efficiency	N.A.
Spill Lumens	431
Luminaire Lumens	4472
Total Efficiency	N.A.
Total Luminaire Watts	41
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	890.50
10-20	1627.17
20-30	1038.16
30-40	676.48
40-50	183.81
50-60	45.93
60-70	4.87
70-80	0.02
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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