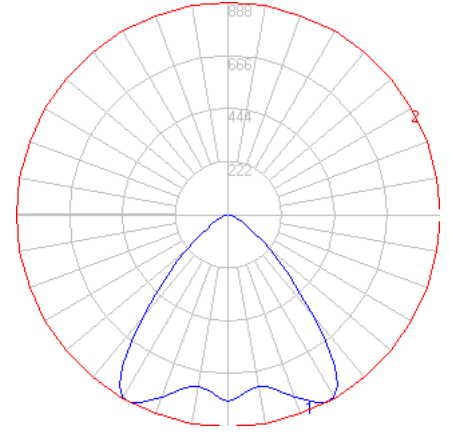


BEGA

File: 24443K4_BEGA_IES.ies

TEST: BE_24443K4
TEST LAB: BEGA
DATE: 9/17/2019
LUMINAIRE: 24 443K4
LAMP: 16.8W LED

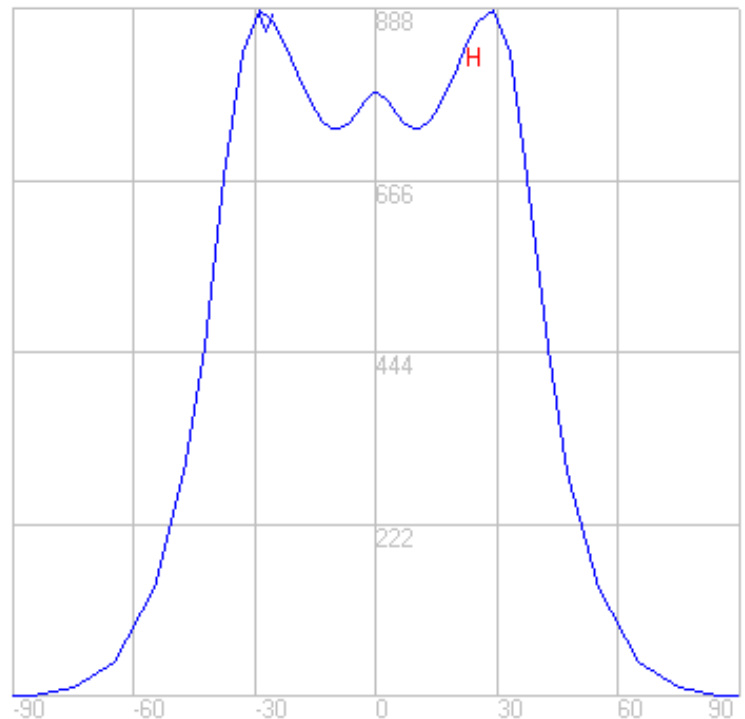
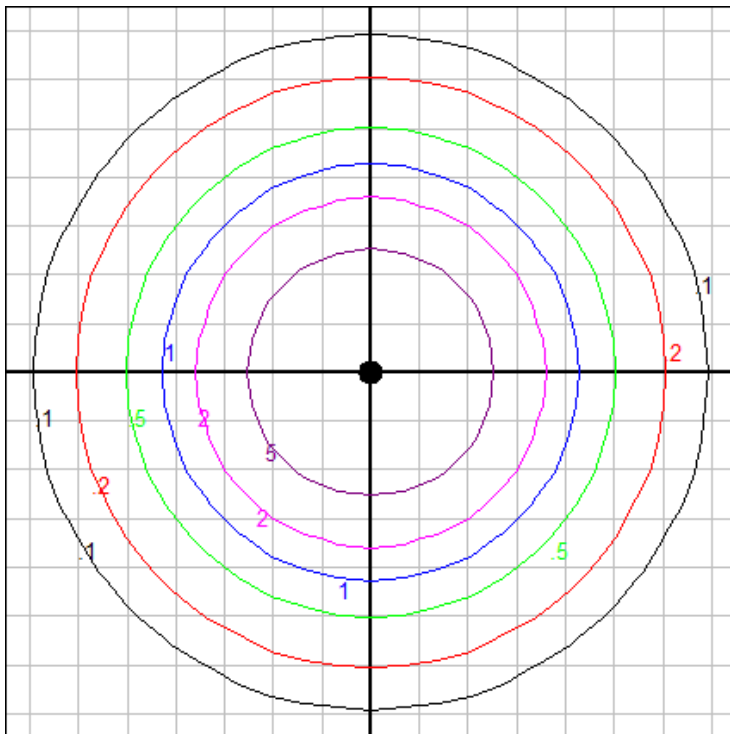


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	888.372
Maximum Candela Angle	-25.5 H -11 V
Horizontal Beam Angle (50%)	71.1
Vertical Beam Angle (50%)	83.2
Horizontal Field Angle (10%)	110.6
Vertical Field Angle (10%)	119.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1259
Beam Efficiency	N.A.
Field Lumens	1564
Field Efficiency	N.A.
Spill Lumens	74
Luminaire Lumens	1638
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	71.16
10-20	217.14
20-30	400.41
30-40	469.26
40-50	285.20
50-60	127.74
60-70	45.78
70-80	13.76
80-90	1.51
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: 2.5 ft.

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

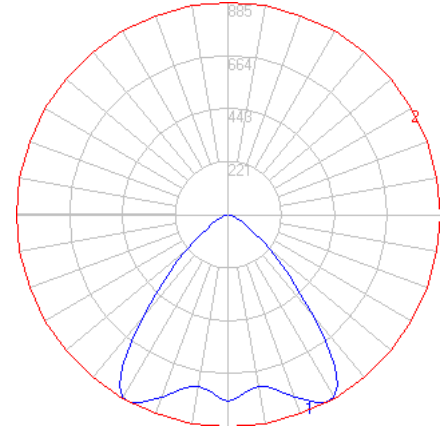
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BEGA

File: 24443K35_BEGA_IES.ies

TEST: BE_24443K4
TEST LAB: BEGA
DATE: 9/17/2019
LUMINAIRE: 24 443K35
LAMP: 16.8W LED

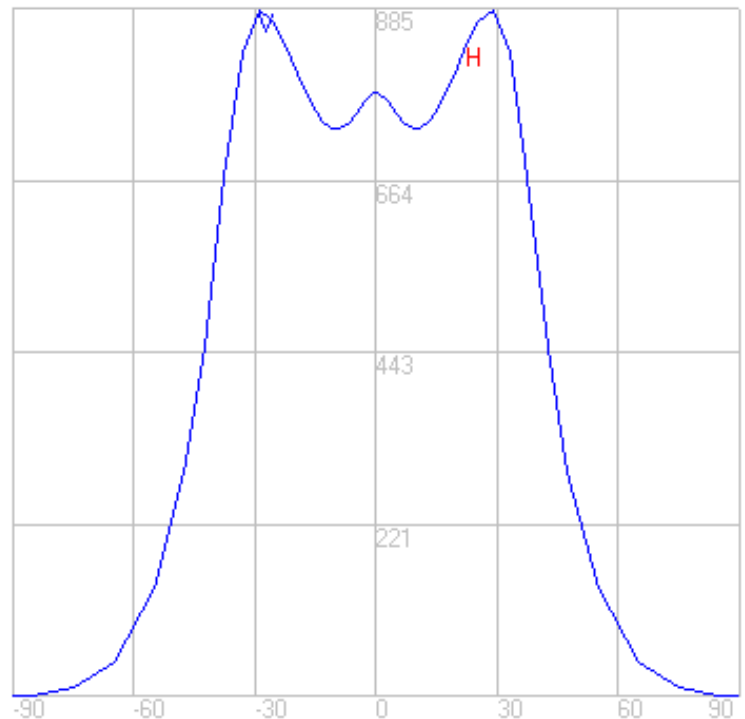
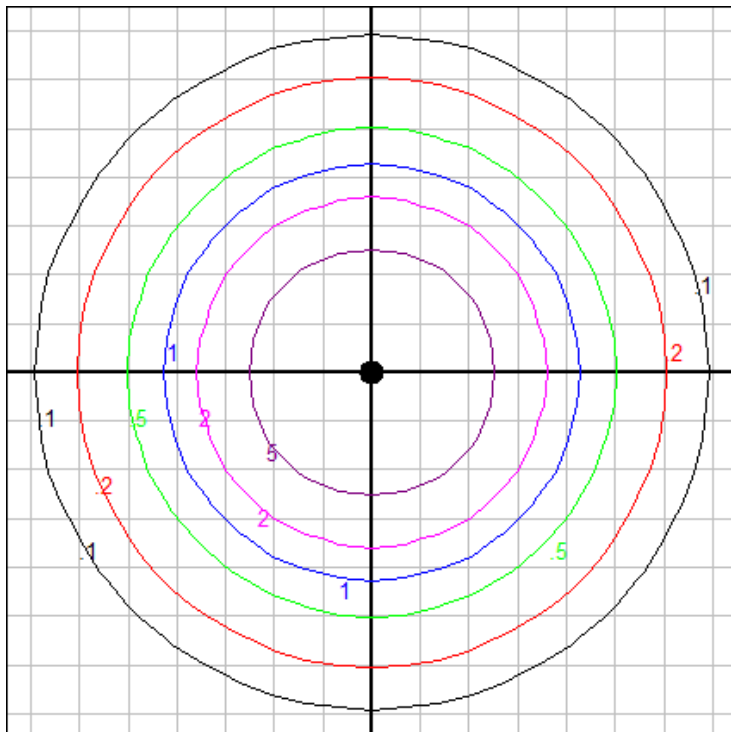


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	885.233
Maximum Candela Angle	-25.5 H -11 V
Horizontal Beam Angle (50%)	71.1
Vertical Beam Angle (50%)	83.2
Horizontal Field Angle (10%)	110.6
Vertical Field Angle (10%)	119.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1255
Beam Efficiency	N.A.
Field Lumens	1559
Field Efficiency	N.A.
Spill Lumens	74
Luminaire Lumens	1632
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	70.91
10-20	216.37
20-30	398.99
30-40	467.60
40-50	284.19
50-60	127.28
60-70	45.62
70-80	13.71
80-90	1.50
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: 2.5 ft.

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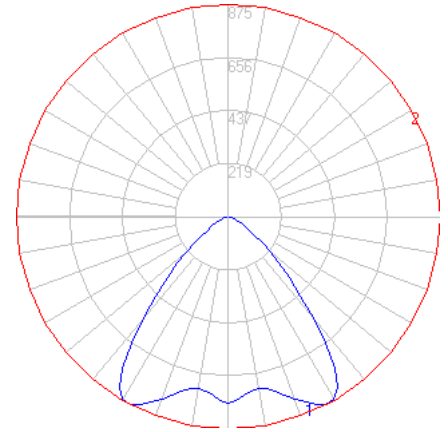
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File: 24443K3_BEGA_IES.ies

TEST: BE_24443K4
TEST LAB: BEGA
DATE: 9/17/2019
LUMINAIRE: 24 443K3
LAMP: 16.8W LED

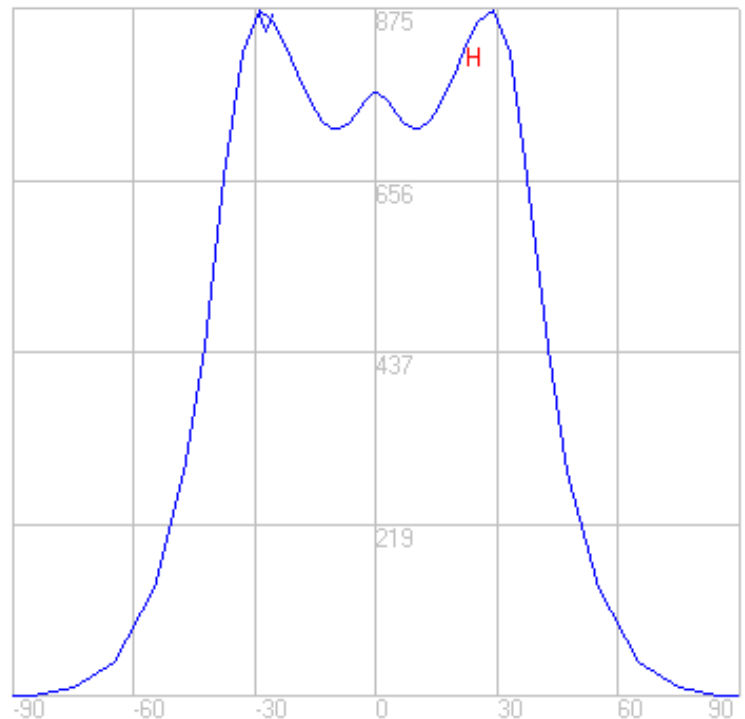
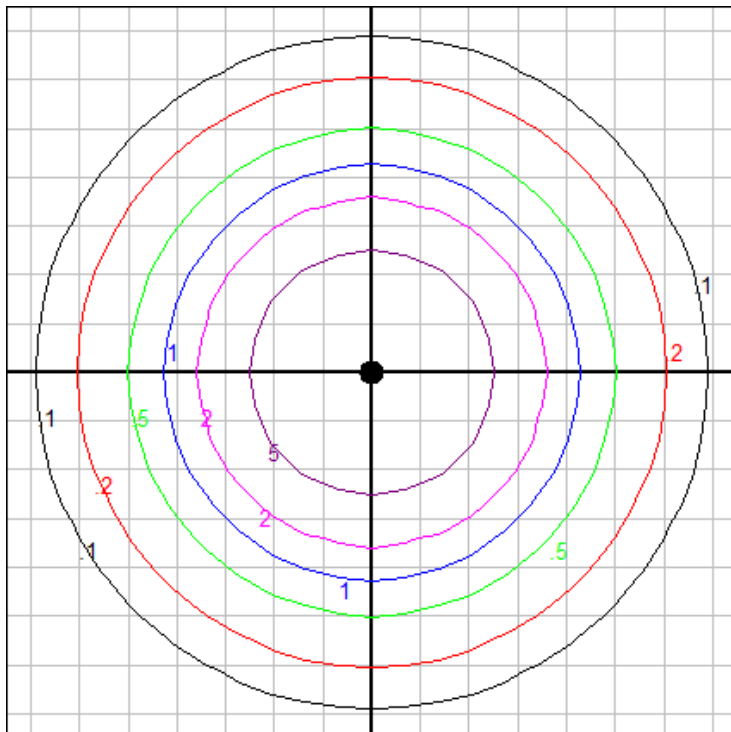


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	874.77
Maximum Candela Angle	-25.5 H -11 V
Horizontal Beam Angle (50%)	71.1
Vertical Beam Angle (50%)	83.2
Horizontal Field Angle (10%)	110.6
Vertical Field Angle (10%)	119.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1240
Beam Efficiency	N.A.
Field Lumens	1540
Field Efficiency	N.A.
Spill Lumens	73
Luminaire Lumens	1613
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	70.07
10-20	213.81
20-30	394.28
30-40	462.08
40-50	280.83
50-60	125.78
60-70	45.08
70-80	13.55
80-90	1.49
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: 2.5 ft.

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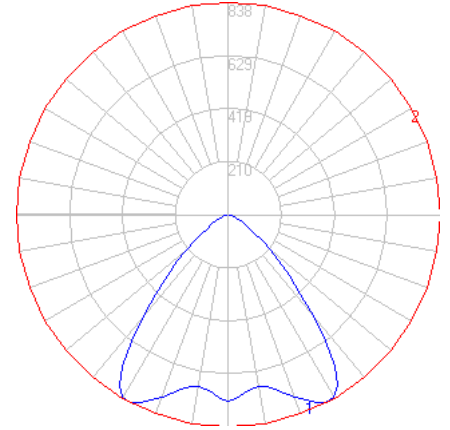
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File: 24443K27_BEGA_IES.ies

TEST: BE_24443K4
TEST LAB: BEGA
DATE: 9/17/2019
LUMINAIRE: 24 443K27
LAMP: 16.8W LED

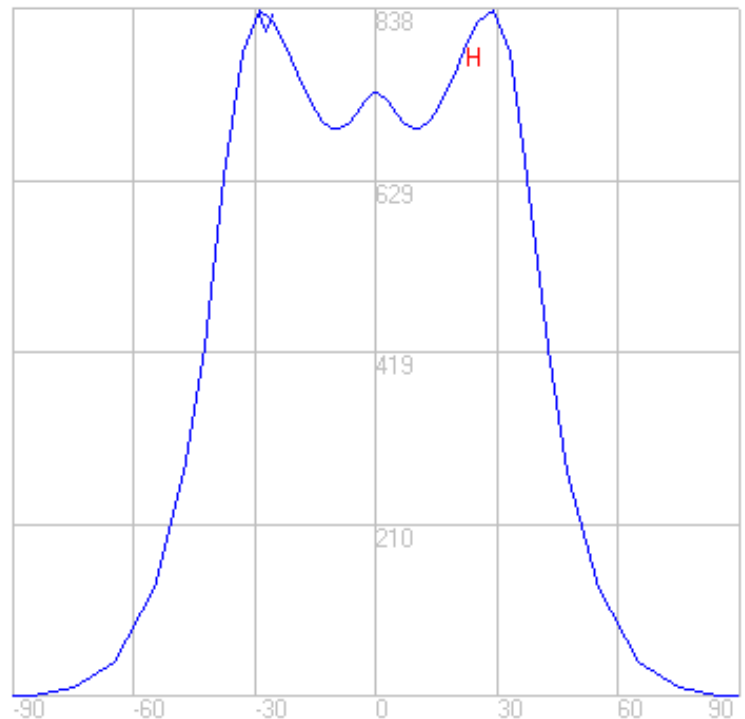
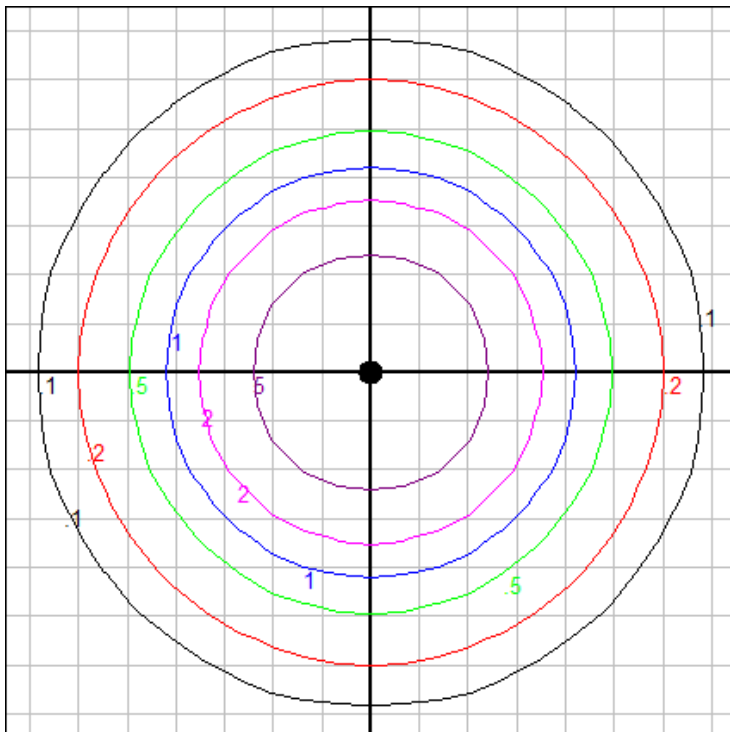


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	838.146
Maximum Candela Angle	-25.5 H -11 V
Horizontal Beam Angle (50%)	71.1
Vertical Beam Angle (50%)	83.2
Horizontal Field Angle (10%)	110.6
Vertical Field Angle (10%)	119.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1188
Beam Efficiency	N.A.
Field Lumens	1476
Field Efficiency	N.A.
Spill Lumens	70
Luminaire Lumens	1545
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	67.14
10-20	204.86
20-30	377.77
30-40	442.73
40-50	269.08
50-60	120.51
60-70	43.19
70-80	12.98
80-90	1.42
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: 2.5 ft.

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