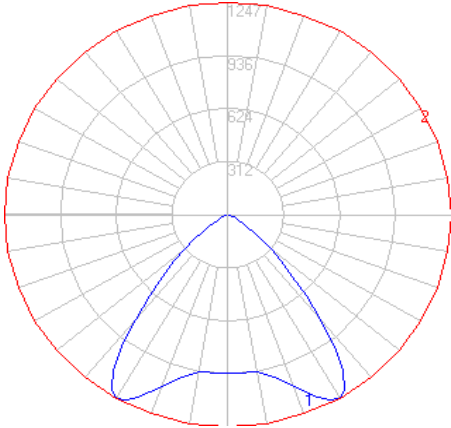


BEGA

File: 24445K4_BEGA_IES.ies

TEST: BE_24445K4
TEST LAB: BEGA
DATE: 6/14/2019
LUMINAIRE: 24 445K4
LAMP: 24.1W LED

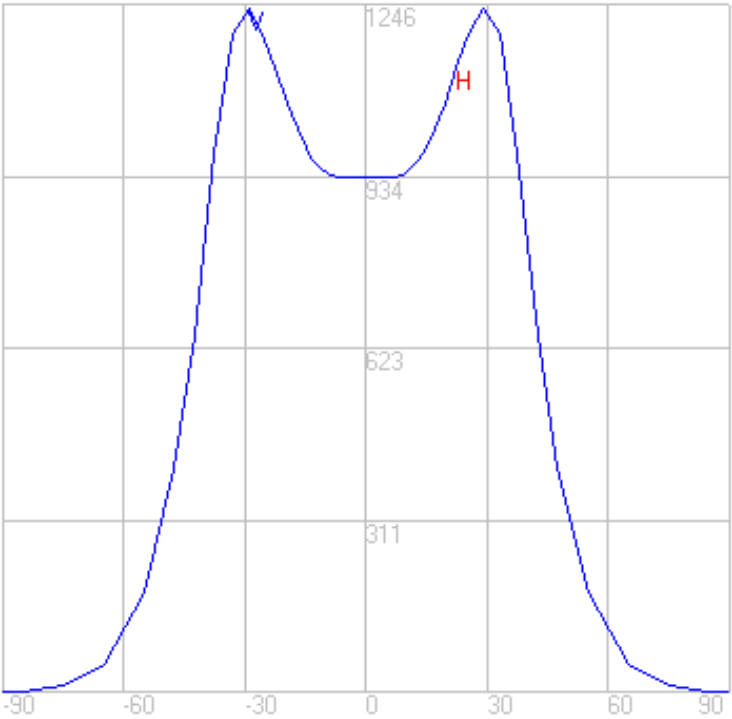
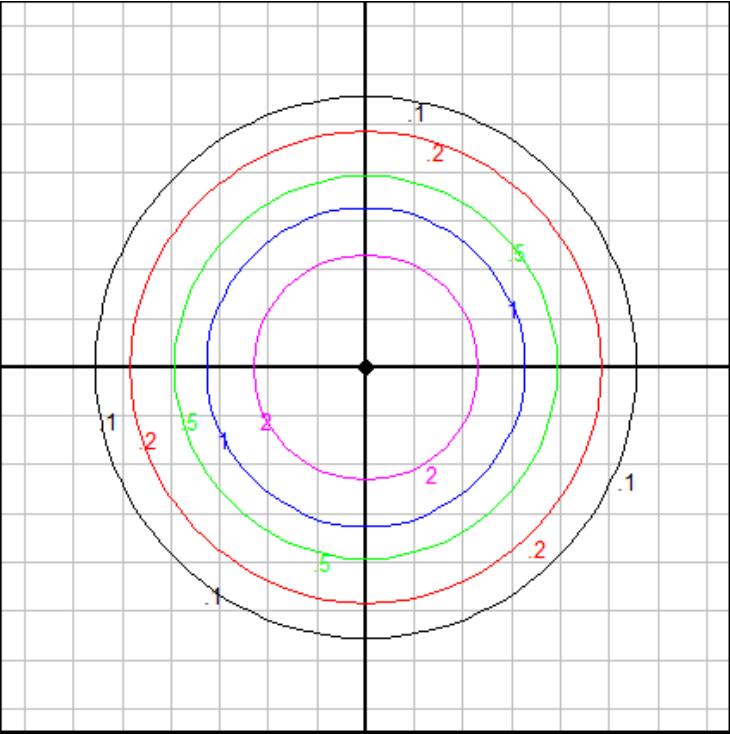


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	1245.552
Maximum Candela Angle	-29 H -7 V
Horizontal Beam Angle (50%)	66.4
Vertical Beam Angle (50%)	85.0
Horizontal Field Angle (10%)	106.3
Vertical Field Angle (10%)	117.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1742
Beam Efficiency	N.A.
Field Lumens	2141
Field Efficiency	N.A.
Spill Lumens	105
Luminaire Lumens	2246
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	89.33
10-20	284.57
20-30	547.19
30-40	675.45
40-50	406.09
50-60	167.73
60-70	52.17
70-80	12.92
80-90	1.19
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.

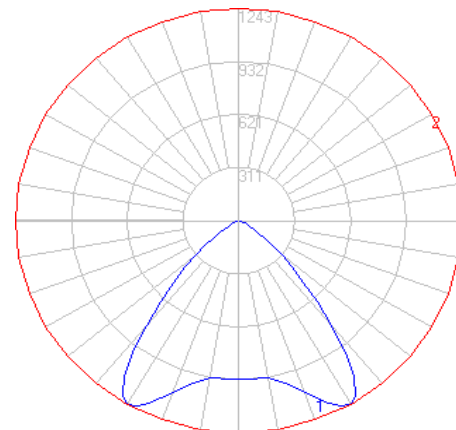
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BEGA

File: 24445K35_BEGA_IES.ies

TEST: BE_24445K4
TEST LAB: BEGA
DATE: 6/14/2019
LUMINAIRE: 24 445K35
LAMP: 24.1W LED

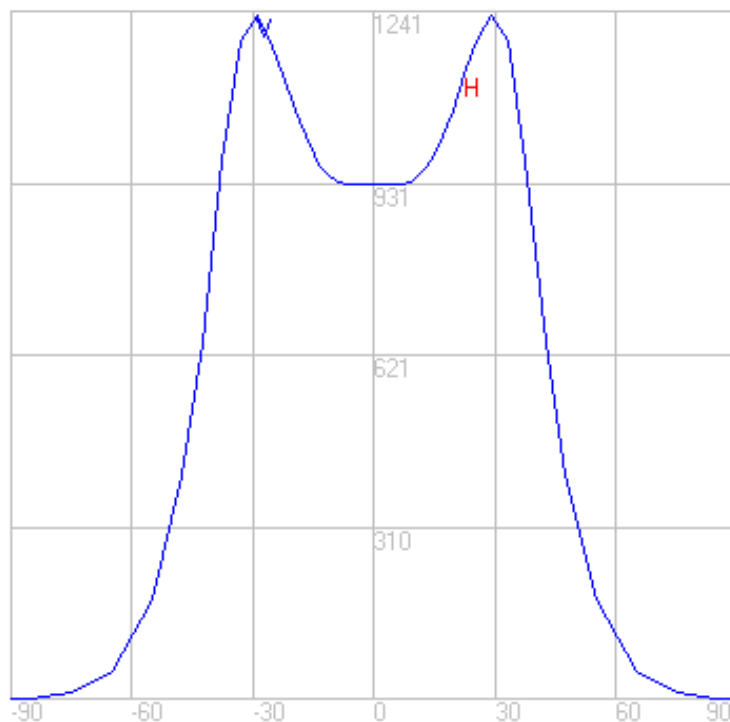
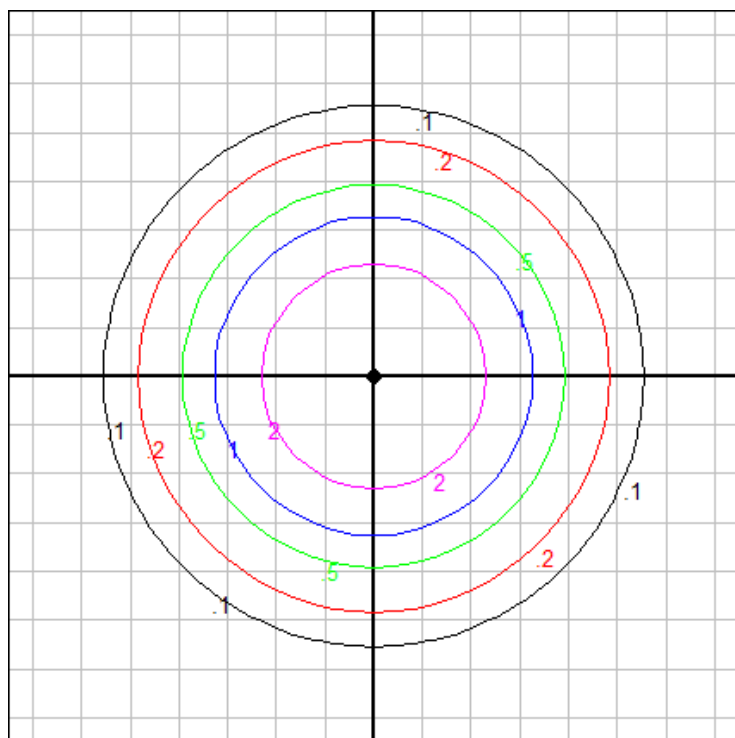


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	1241.15
Maximum Candela Angle	-29 H -7 V
Horizontal Beam Angle (50%)	66.4
Vertical Beam Angle (50%)	85.0
Horizontal Field Angle (10%)	106.3
Vertical Field Angle (10%)	117.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1736
Beam Efficiency	N.A.
Field Lumens	2133
Field Efficiency	N.A.
Spill Lumens	105
Luminaire Lumens	2238
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	89.02
10-20	283.56
20-30	545.26
30-40	673.06
40-50	404.65
50-60	167.14
60-70	51.99
70-80	12.88
80-90	1.18
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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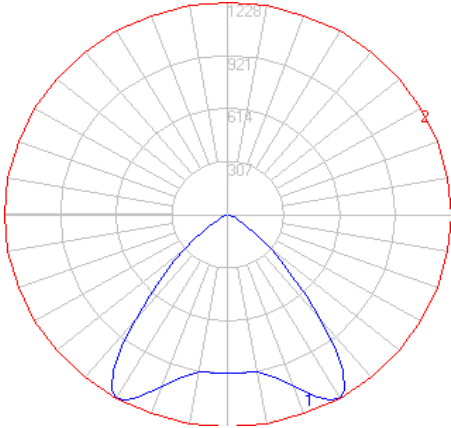
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File: 24445K3_BEGA_IES.ies

TEST: BE_24445K4
TEST LAB: BEGA
DATE: 6/14/2019
LUMINAIRE: 24 445K3
LAMP: 24.1W LED

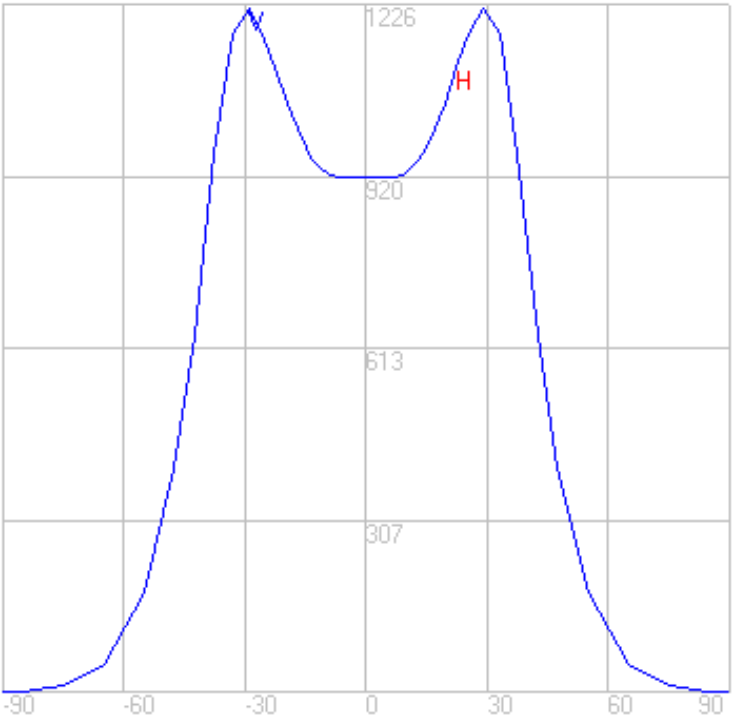
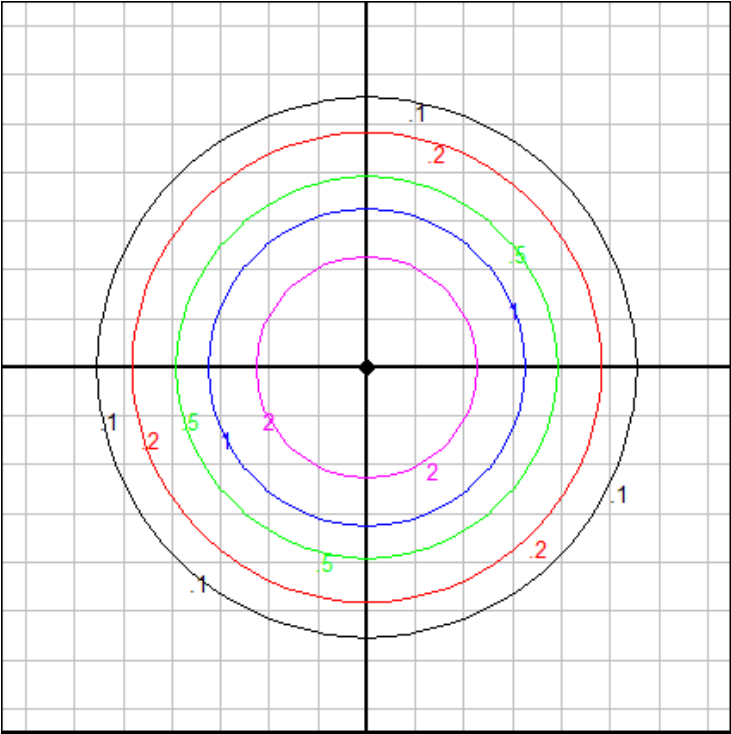


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	1226.479
Maximum Candela Angle	-29 H -7 V
Horizontal Beam Angle (50%)	66.4
Vertical Beam Angle (50%)	85.0
Horizontal Field Angle (10%)	106.3
Vertical Field Angle (10%)	117.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1716
Beam Efficiency	N.A.
Field Lumens	2108
Field Efficiency	N.A.
Spill Lumens	103
Luminaire Lumens	2211
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	87.97
10-20	280.21
20-30	538.82
30-40	665.10
40-50	399.87
50-60	165.16
60-70	51.37
70-80	12.73
80-90	1.17
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.

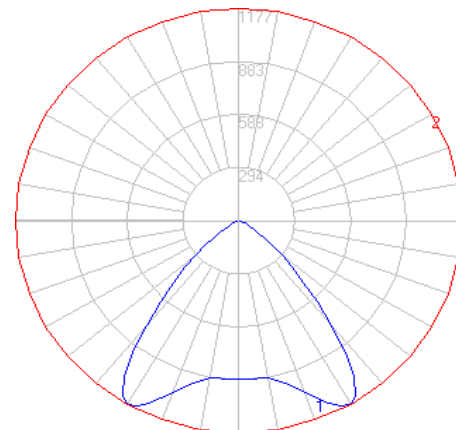
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BEGA

File: 24445K27_BEGA_IES.ies

TEST: BE_24445K4
TEST LAB: BEGA
DATE: 6/14/2019
LUMINAIRE: 24 445K27
LAMP: 24.1W LED

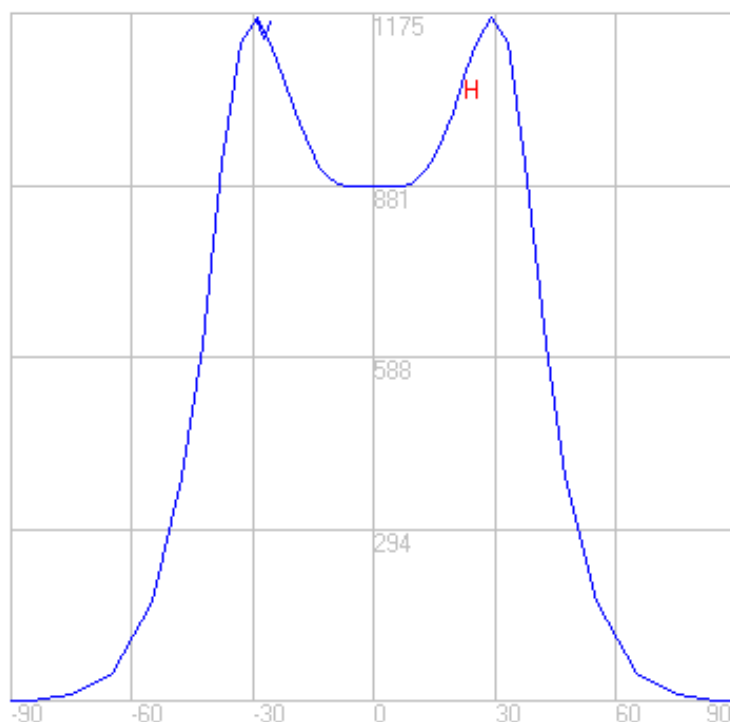
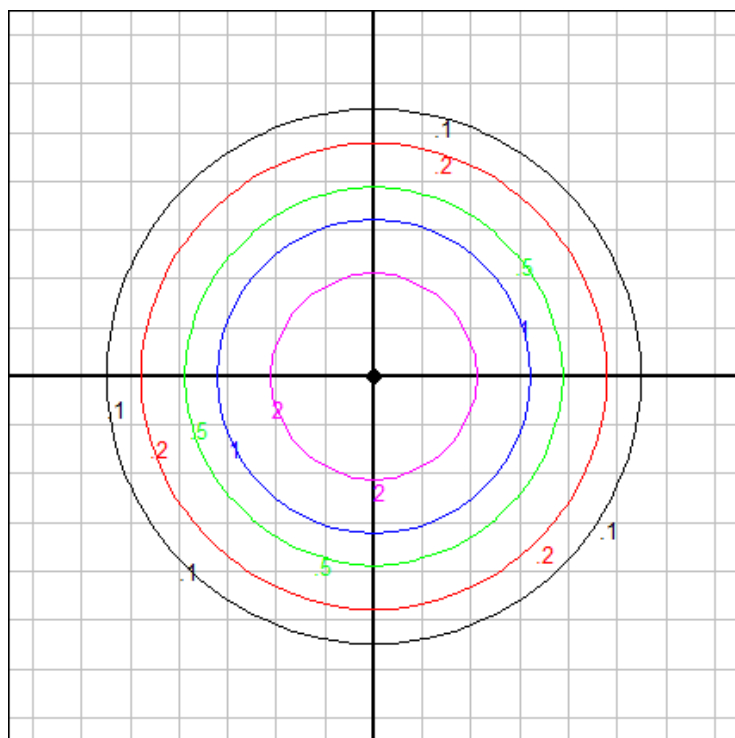


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	1175.132
Maximum Candela Angle	-29 H -7 V
Horizontal Beam Angle (50%)	66.4
Vertical Beam Angle (50%)	85.0
Horizontal Field Angle (10%)	106.3
Vertical Field Angle (10%)	117.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1644
Beam Efficiency	N.A.
Field Lumens	2020
Field Efficiency	N.A.
Spill Lumens	99
Luminaire Lumens	2119
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	84.28
10-20	268.48
20-30	516.26
30-40	637.26
40-50	383.13
50-60	158.25
60-70	49.22
70-80	12.19
80-90	1.12
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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