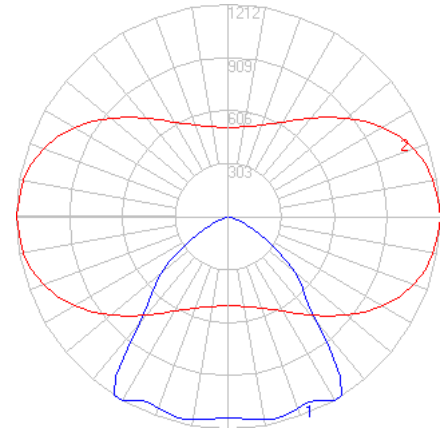


BEGA

File: 24269K4_BEGA_IES.ies

TEST: BE_24269K4
TEST LAB: BEGA
DATE: 6/24/2019
LUMINAIRE: 24 269K4
LAMP: 16.8W LED

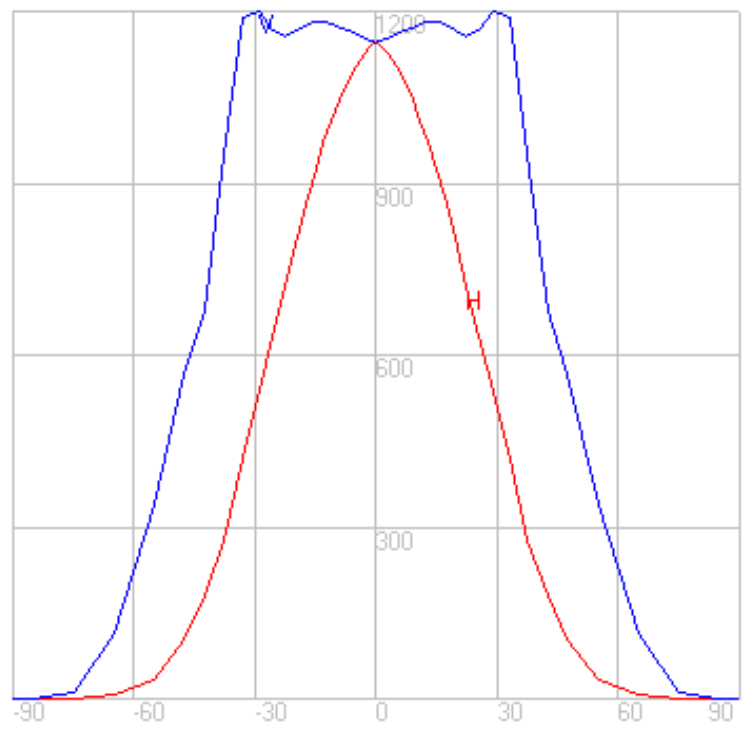
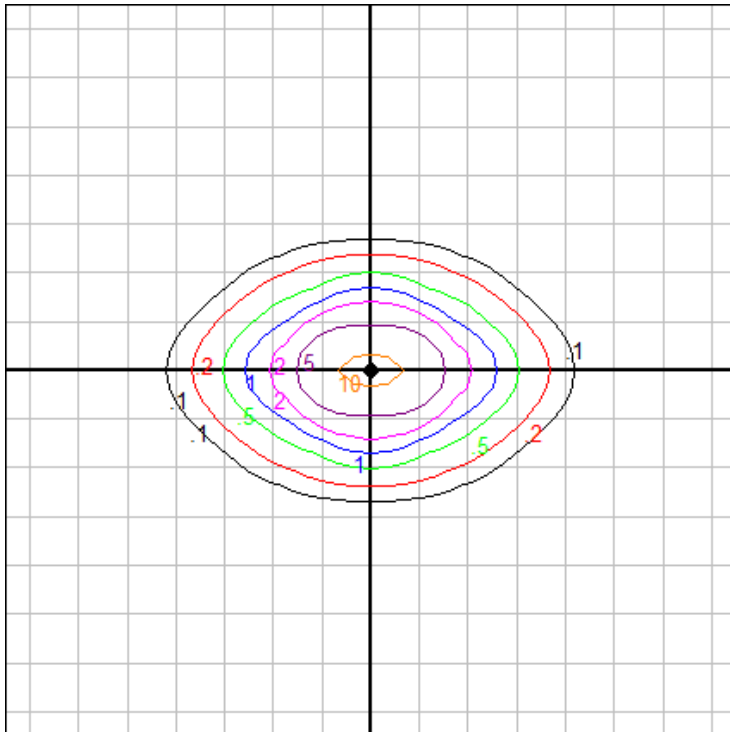


Characteristics

NEMA Type	5 H x 6 V
Maximum Candela	1200.452
Maximum Candela Angle	0 H -29 V
Horizontal Beam Angle (50%)	43.7
Vertical Beam Angle (50%)	92.1
Horizontal Field Angle (10%)	78.9
Vertical Field Angle (10%)	129.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1083
Beam Efficiency	N.A.
Field Lumens	1515
Field Efficiency	N.A.
Spill Lumens	82
Luminaire Lumens	1597
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	107.10
10-20	295.77
20-30	421.97
30-40	394.08
40-50	214.41
50-60	113.14
60-70	38.20
70-80	5.48
80-90	0.01
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: 5 ft.

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

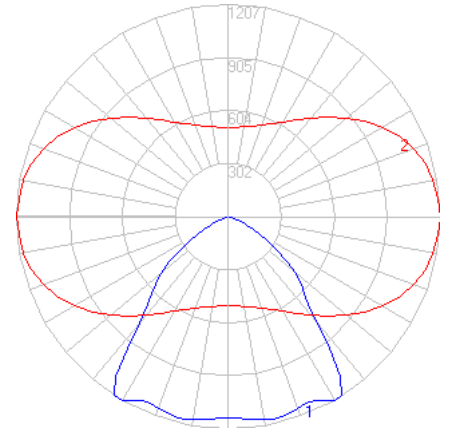
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BEGA

File: 24269K35_BEGA_IES.ies

TEST: BE_24269K4
TEST LAB: BEGA
DATE: 6/24/2019
LUMINAIRE: 24 269K35
LAMP: 16.8W LED

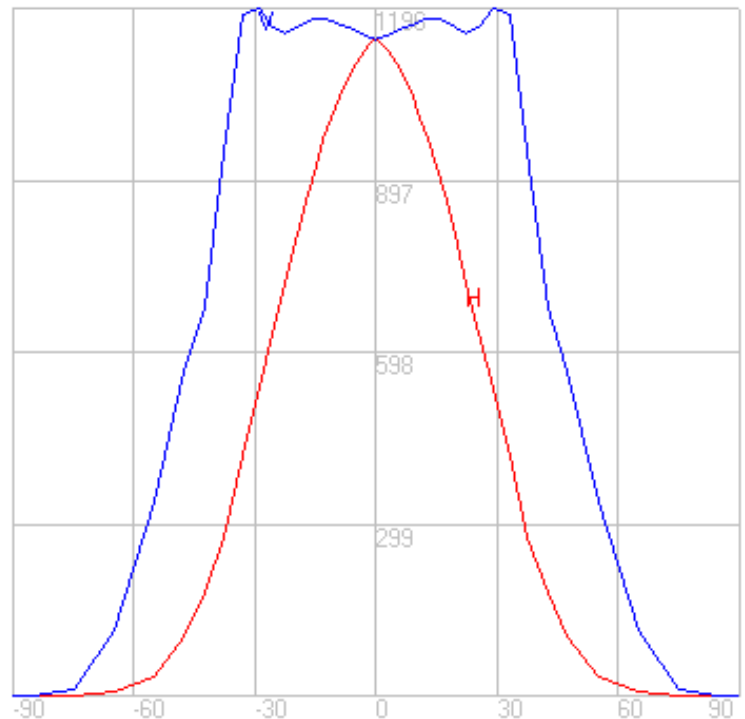
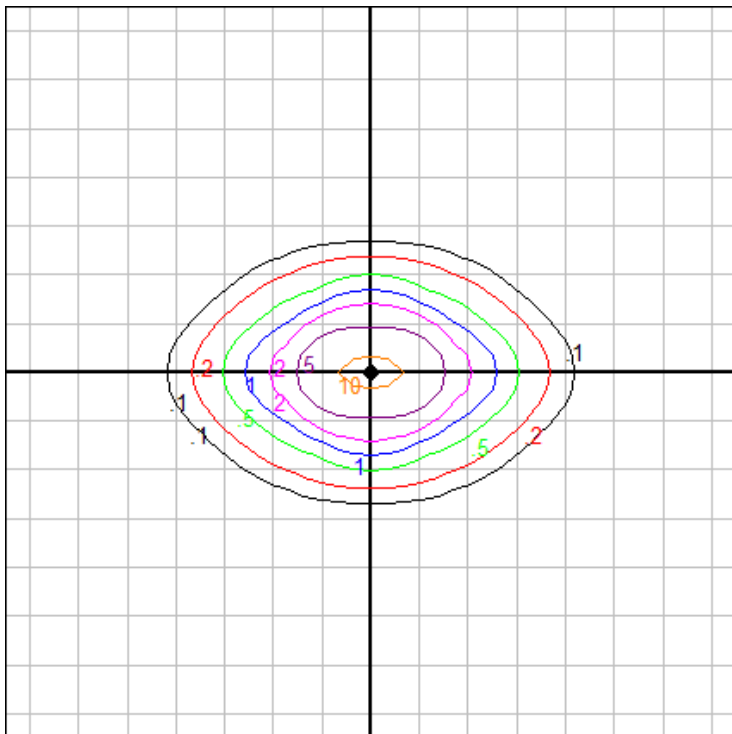


Characteristics

NEMA Type	5 H x 6 V
Maximum Candela	1196.21
Maximum Candela Angle	0 H -29 V
Horizontal Beam Angle (50%)	43.7
Vertical Beam Angle (50%)	92.1
Horizontal Field Angle (10%)	78.9
Vertical Field Angle (10%)	129.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1079
Beam Efficiency	N.A.
Field Lumens	1510
Field Efficiency	N.A.
Spill Lumens	81
Luminaire Lumens	1591
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	106.72
10-20	294.72
20-30	420.48
30-40	392.69
40-50	213.65
50-60	112.74
60-70	38.07
70-80	5.46
80-90	0.01
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: 5 ft.

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

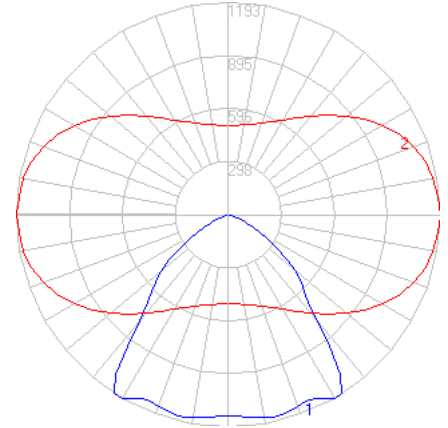
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File: 24269K3_BEGA_IES.ies

TEST: BE_24269K4
TEST LAB: BEGA
DATE: 6/24/2019
LUMINAIRE: 24 269K3
LAMP: 16.8W LED

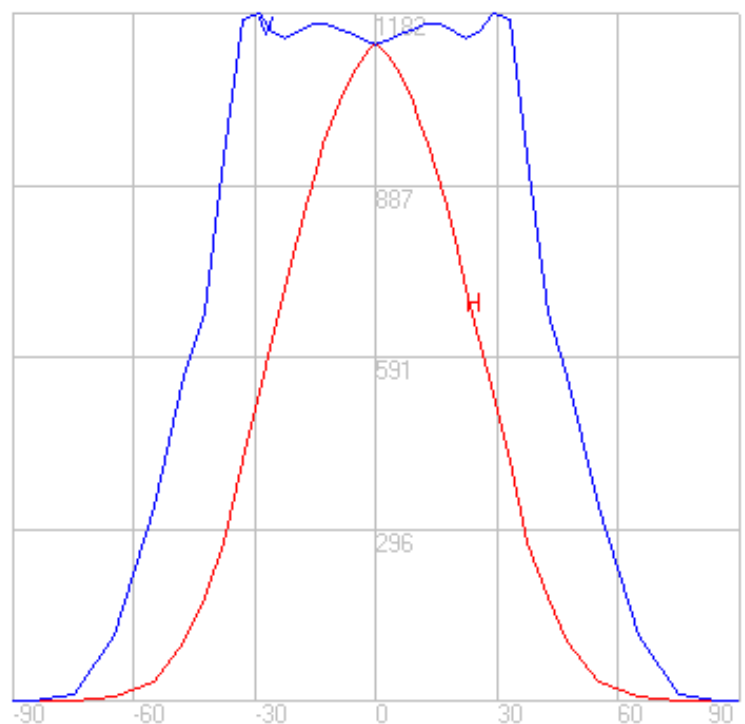
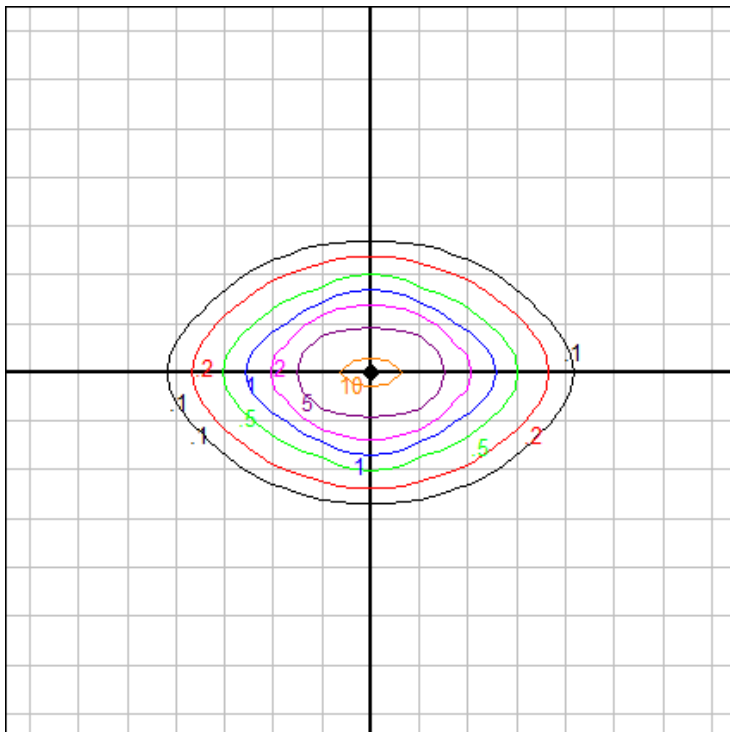


Characteristics

NEMA Type	5 H x 6 V
Maximum Candela	1182.07
Maximum Candela Angle	0 H -29 V
Horizontal Beam Angle (50%)	43.7
Vertical Beam Angle (50%)	92.1
Horizontal Field Angle (10%)	78.9
Vertical Field Angle (10%)	129.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1066
Beam Efficiency	N.A.
Field Lumens	1492
Field Efficiency	N.A.
Spill Lumens	80
Luminaire Lumens	1572
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	105.46
10-20	291.24
20-30	415.51
30-40	388.05
40-50	211.13
50-60	111.41
60-70	37.62
70-80	5.40
80-90	0.01
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: 5 ft.

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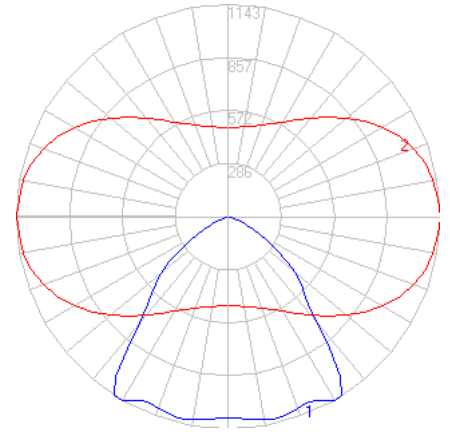
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BEGA

File: 24269K27_BEGA_IES.ies

TEST: BE_24269K4
TEST LAB: BEGA
DATE: 6/24/2019
LUMINAIRE: 24 269K27
LAMP: 16.8W LED

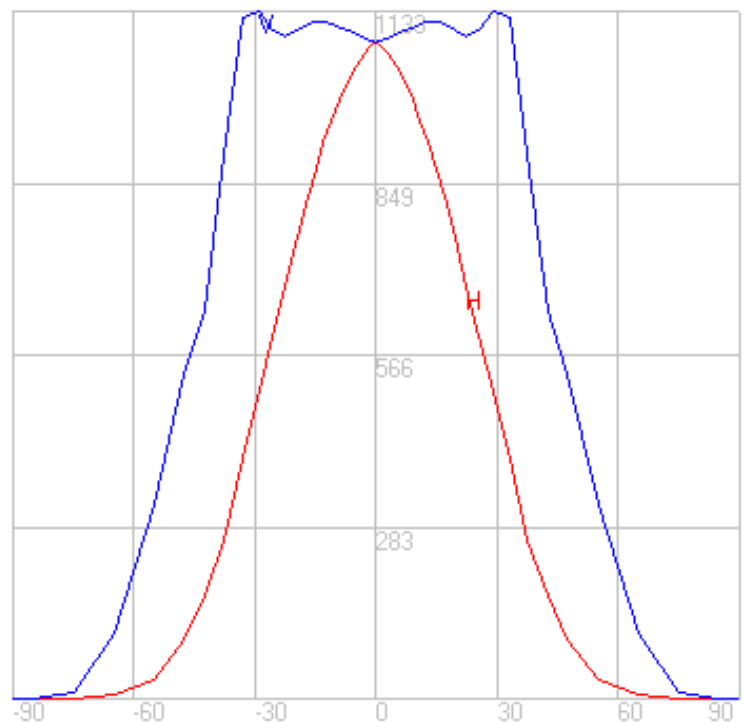
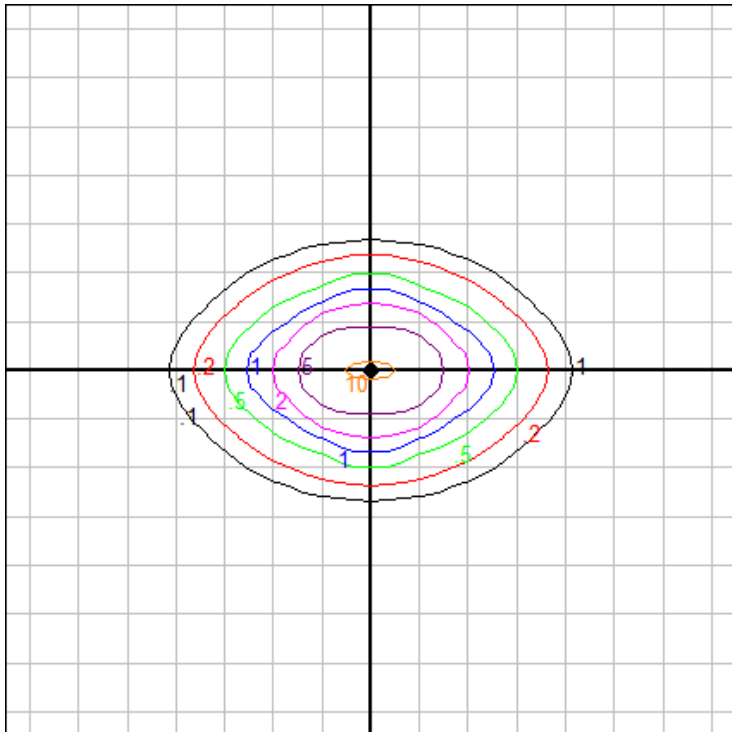


Characteristics

NEMA Type	5 H x 6 V
Maximum Candela	1132.582
Maximum Candela Angle	0 H -29 V
Horizontal Beam Angle (50%)	43.7
Vertical Beam Angle (50%)	92.1
Horizontal Field Angle (10%)	78.9
Vertical Field Angle (10%)	129.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1022
Beam Efficiency	N.A.
Field Lumens	1430
Field Efficiency	N.A.
Spill Lumens	77
Luminaire Lumens	1506
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	101.04
10-20	279.05
20-30	398.11
30-40	371.80
40-50	202.29
50-60	106.74
60-70	36.04
70-80	5.17
80-90	0.01
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: 5 ft.

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