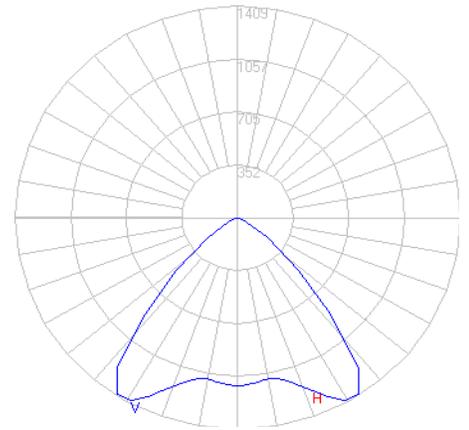


BEGA

File: 24529K4_BEGA_IES.ies

TEST: BE_24529K4
 TEST LAB: BEGA
 DATE: 8/21/2020
 LUMINAIRE: 24 529K4
 LAMP: 24.1W LED

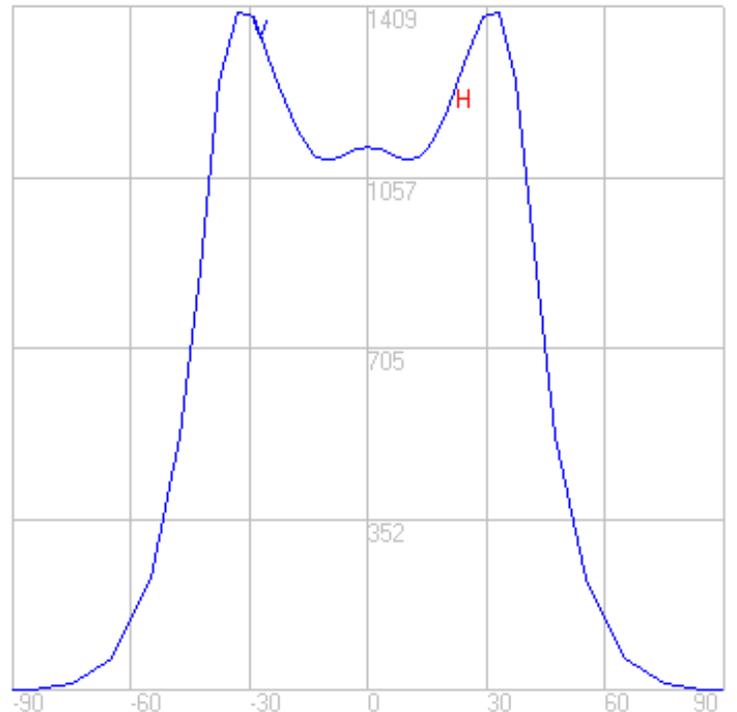
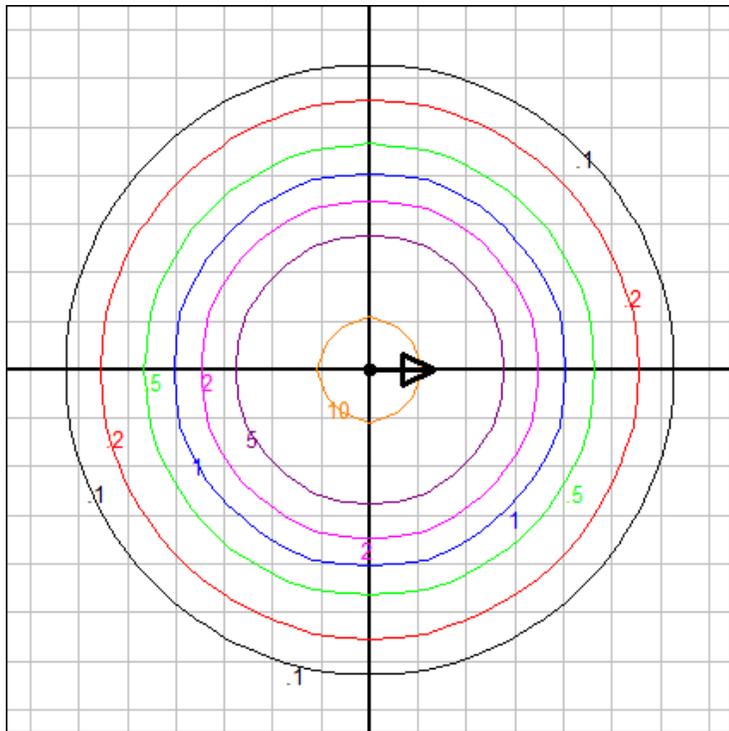


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	1409.2
Maximum Candela Angle	-29 H -15 V
Horizontal Beam Angle (50%)	71.4
Vertical Beam Angle (50%)	85.1
Horizontal Field Angle (10%)	108.4
Vertical Field Angle (10%)	118.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2120
Beam Efficiency	N.A.
Field Lumens	2602
Field Efficiency	N.A.
Spill Lumens	100
Luminaire Lumens	2703
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	105.12
10-20	320.68
20-30	606.65
30-40	823.27
40-50	536.70
50-60	215.99
60-70	67.03
70-80	14.70
80-90	0.87
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: 3 ft.

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

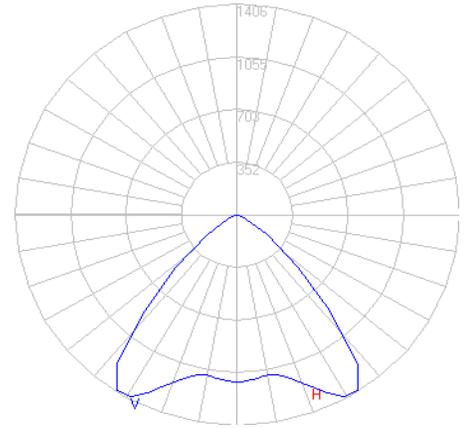
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BEGA

File: 24529K35_BEGA_IES.ies

TEST: BE_24529K4
 TEST LAB: BEGA
 DATE: 8/21/2020
 LUMINAIRE: 24 529K35
 LAMP: 24.1W LED

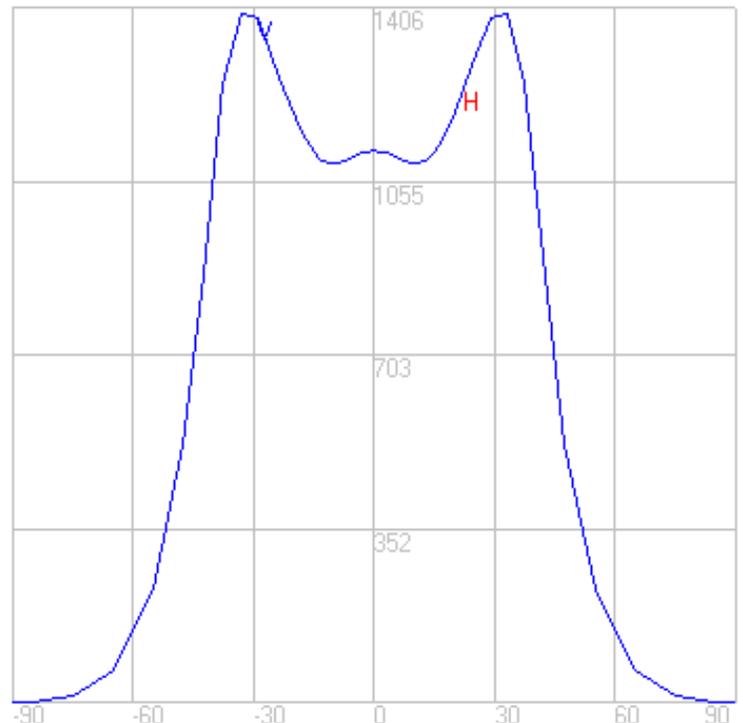
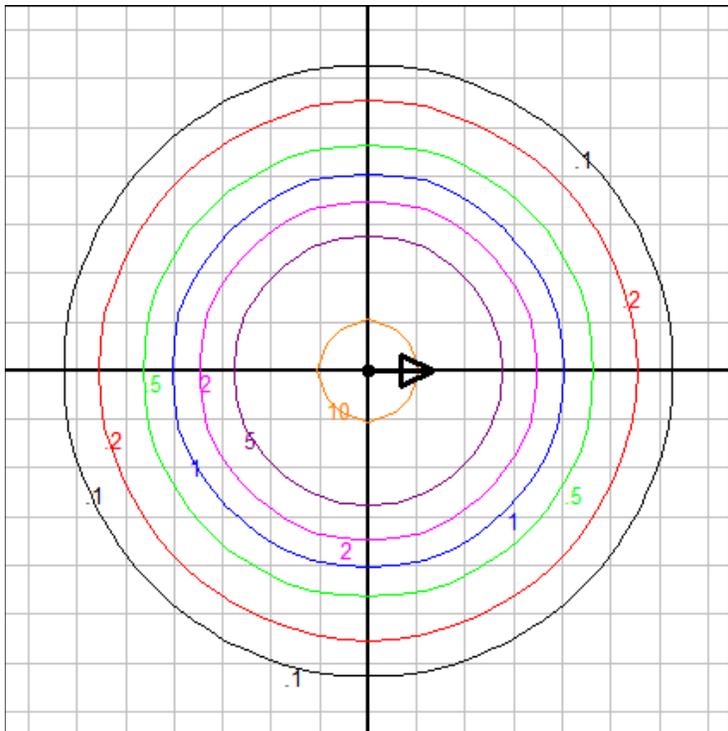


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	1406.383
Maximum Candela Angle	-29 H -15 V
Horizontal Beam Angle (50%)	71.4
Vertical Beam Angle (50%)	85.1
Horizontal Field Angle (10%)	108.4
Vertical Field Angle (10%)	118.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2115
Beam Efficiency	N.A.
Field Lumens	2597
Field Efficiency	N.A.
Spill Lumens	100
Luminaire Lumens	2697
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	104.91
10-20	320.03
20-30	605.44
30-40	821.63
40-50	535.62
50-60	215.56
60-70	66.89
70-80	14.67
80-90	0.87
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: 3 ft.

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

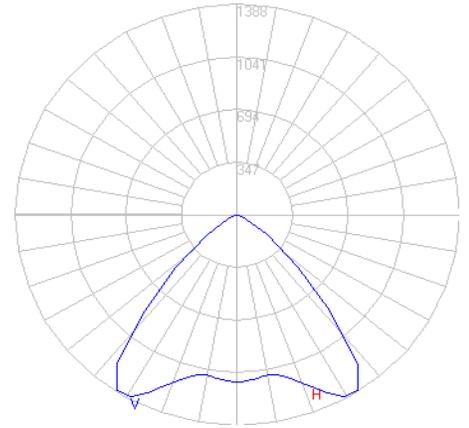
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File: 24529K3_BEGA_IES.ies

TEST: BE_24529K4
 TEST LAB: BEGA
 DATE: 8/21/2020
 LUMINAIRE: 24 529K3
 LAMP: 24.1W LED

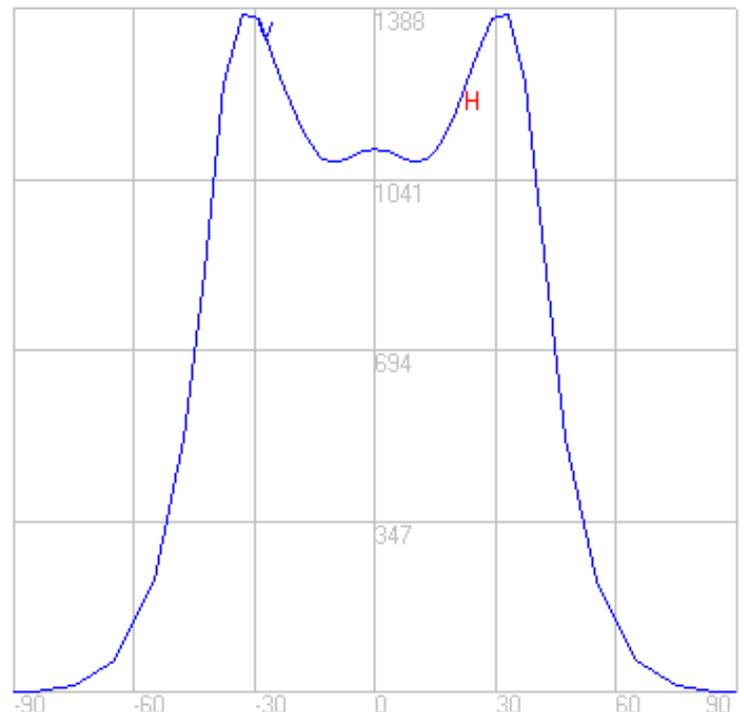
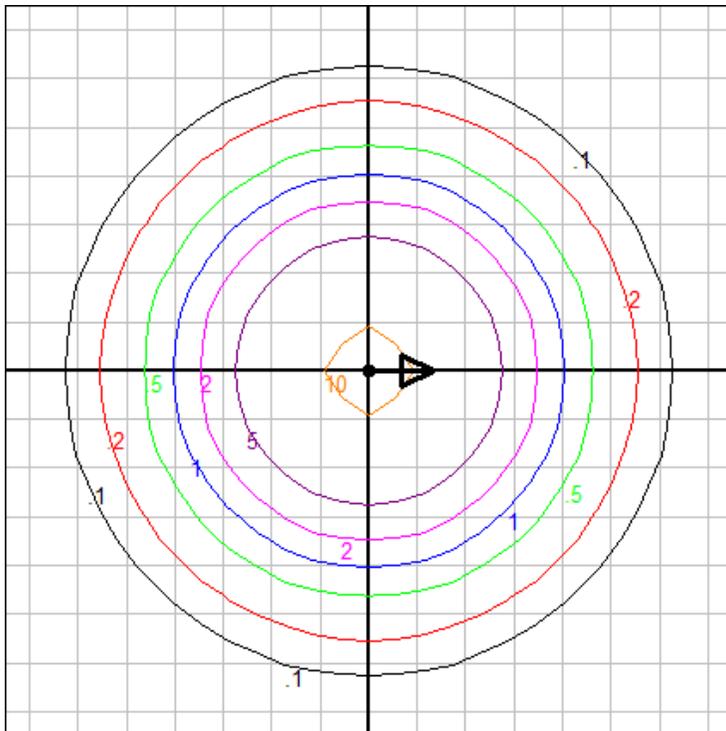


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	1388.064
Maximum Candela Angle	-29 H -15 V
Horizontal Beam Angle (50%)	71.4
Vertical Beam Angle (50%)	85.1
Horizontal Field Angle (10%)	108.4
Vertical Field Angle (10%)	118.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2088
Beam Efficiency	N.A.
Field Lumens	2563
Field Efficiency	N.A.
Spill Lumens	99
Luminaire Lumens	2662
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	103.55
10-20	315.87
20-30	597.55
30-40	810.92
40-50	528.65
50-60	212.75
60-70	66.02
70-80	14.48
80-90	0.86
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: 3ft.

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

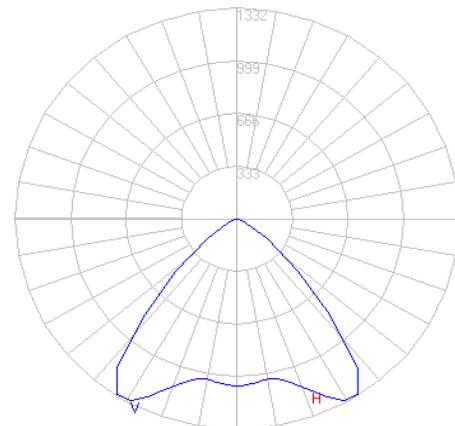
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File: 24529K27_BEGA_IES.ies

TEST: BE_24529K4
 TEST LAB: BEGA
 DATE: 8/21/2020
 LUMINAIRE: 24 529K27
 LAMP: 24.1W LED

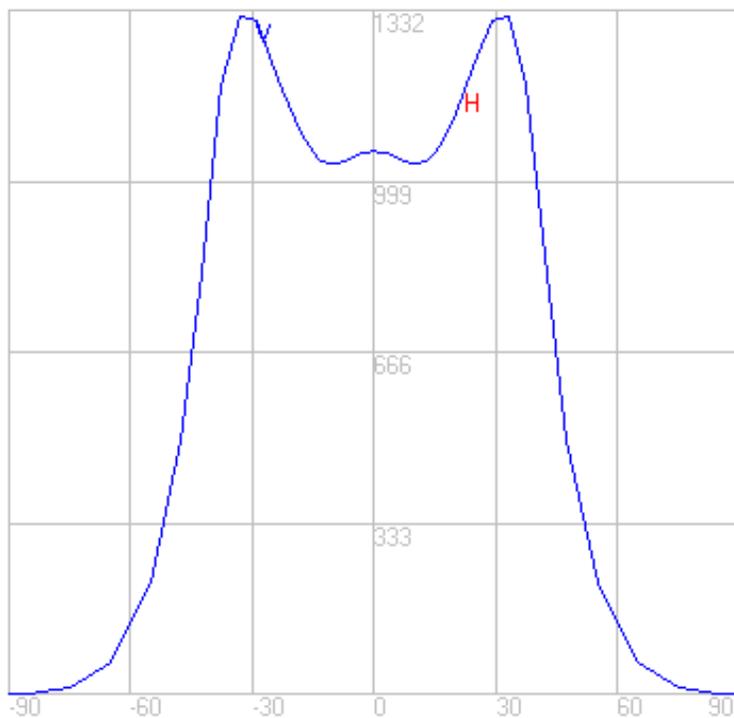
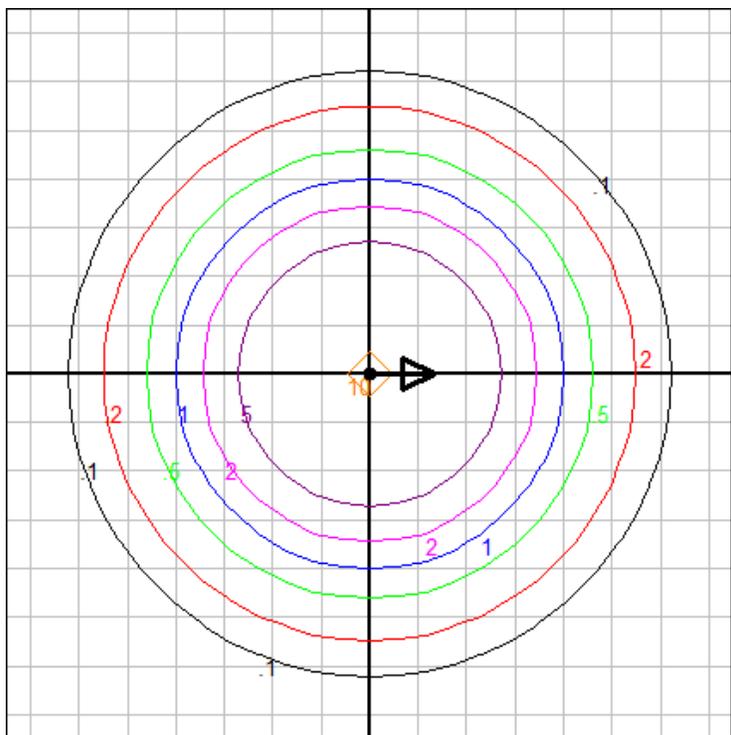


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	1331.695
Maximum Candela Angle	-29 H -15 V
Horizontal Beam Angle (50%)	71.4
Vertical Beam Angle (50%)	85.1
Horizontal Field Angle (10%)	108.4
Vertical Field Angle (10%)	118.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2003
Beam Efficiency	N.A.
Field Lumens	2459
Field Efficiency	N.A.
Spill Lumens	95
Luminaire Lumens	2554
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	99.34
10-20	303.04
20-30	573.29
30-40	777.99
40-50	507.18
50-60	204.11
60-70	63.34
70-80	13.89
80-90	0.82
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: 3 ft.

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