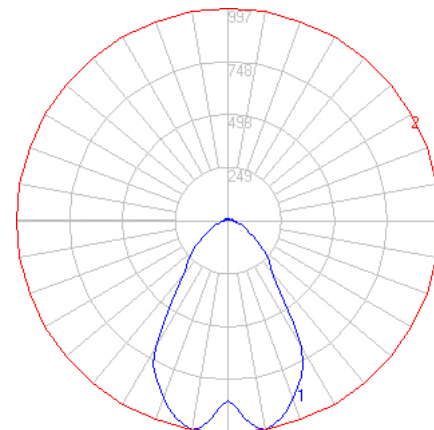


BEGA

File: 50701K4_BEGA_IES.ies

TEST: BE_50701K4
TEST LAB: BEGA
DATE: 07/30/2018
LUMINAIRE: 50 701K4
LAMP: 16.8W LED

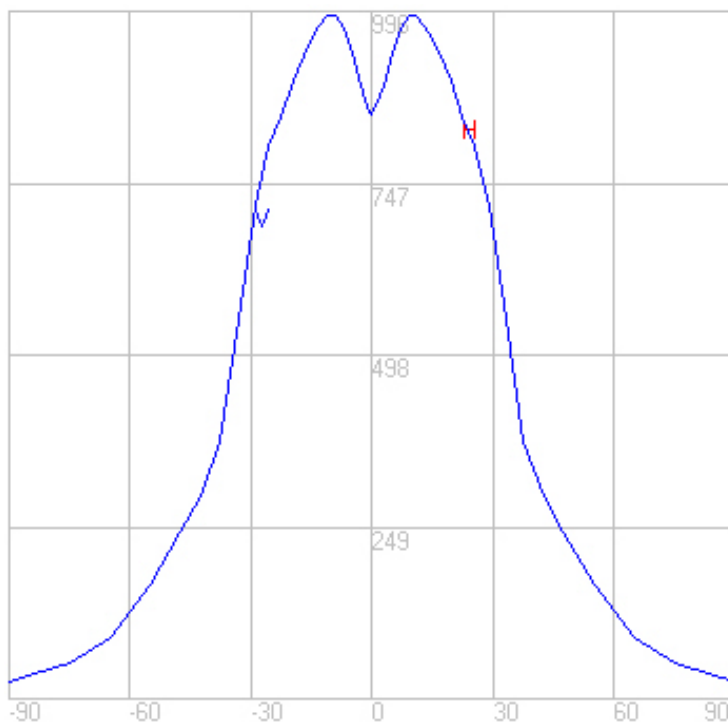
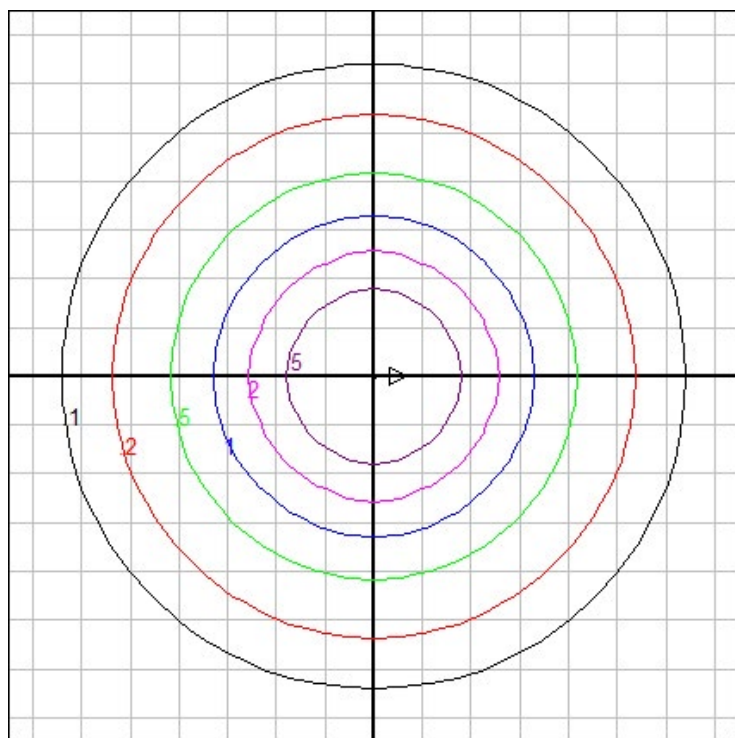


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1634
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	82
Total Luminaire Watts	20
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.18
Spacing Criterion (Diagonal)	1.06
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.47 ft (Diameter)
Luminous Height	0.05 ft

Zonal Lumen Summary

Zone	Lumens
0-10	91.28
10-20	268.34
20-30	368.76
30-40	295.03
40-50	206.71
50-60	147.87
60-70	89.59
70-80	55.06
80-90	34.62
90-100	23.89
100-110	20.46
110-120	14.00
120-130	6.36
130-140	6.14
140-150	5.49
150-160	0.68
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.

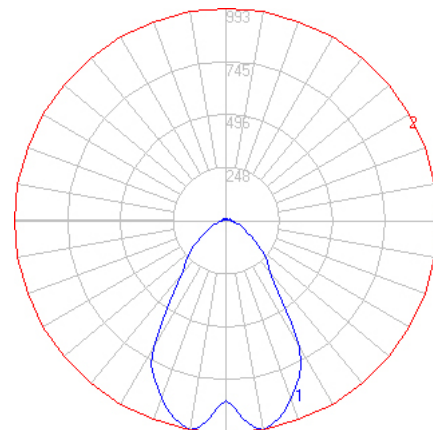
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BEGA

File: 50701K35_BEGA_IES.ies

TEST: BE_50701K4
TEST LAB: BEGA
DATE: 07/30/2018
LUMINAIRE: 50 701K35
LAMP: 16.8W LED

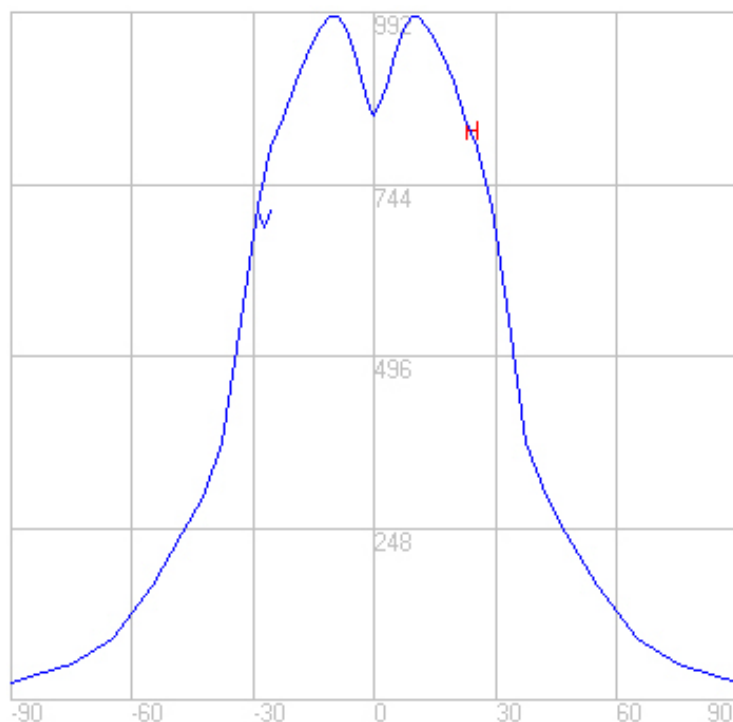
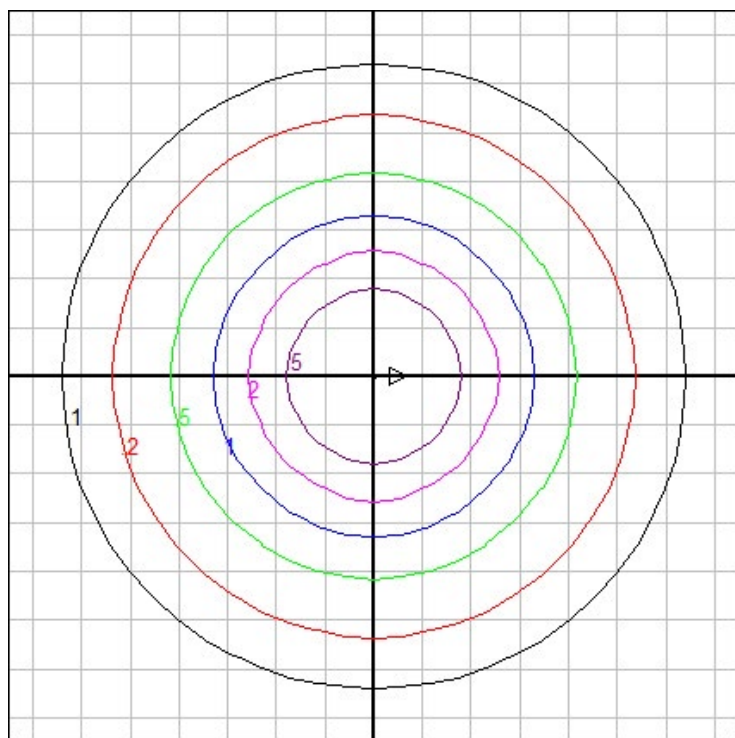


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1628
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	81
Total Luminaire Watts	20
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.18
Spacing Criterion (Diagonal)	1.06
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.47 ft (Diameter)
Luminous Height	0.05 ft

Zonal Lumen Summary

Zone	Lumens
0-10	90.92
10-20	267.26
20-30	367.29
30-40	293.85
40-50	205.89
50-60	147.28
60-70	89.24
70-80	54.84
80-90	34.48
90-100	23.79
100-110	20.38
110-120	13.95
120-130	6.34
130-140	6.11
140-150	5.47
150-160	0.68
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.

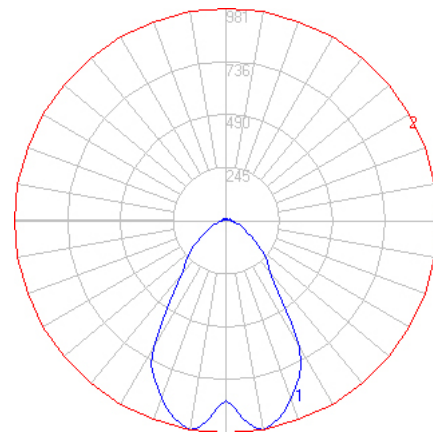
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BEGA

File: 50701K3_BEGA_IES.ies

TEST: BE_50701K4
TEST LAB: BEGA
DATE: 07/30/2018
LUMINAIRE: 50 701K3
LAMP: 16.8W LED

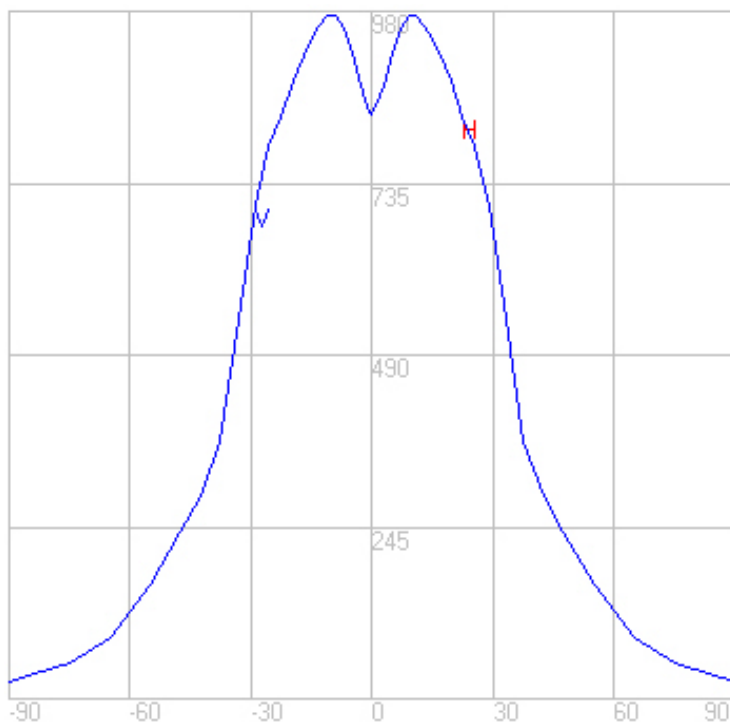
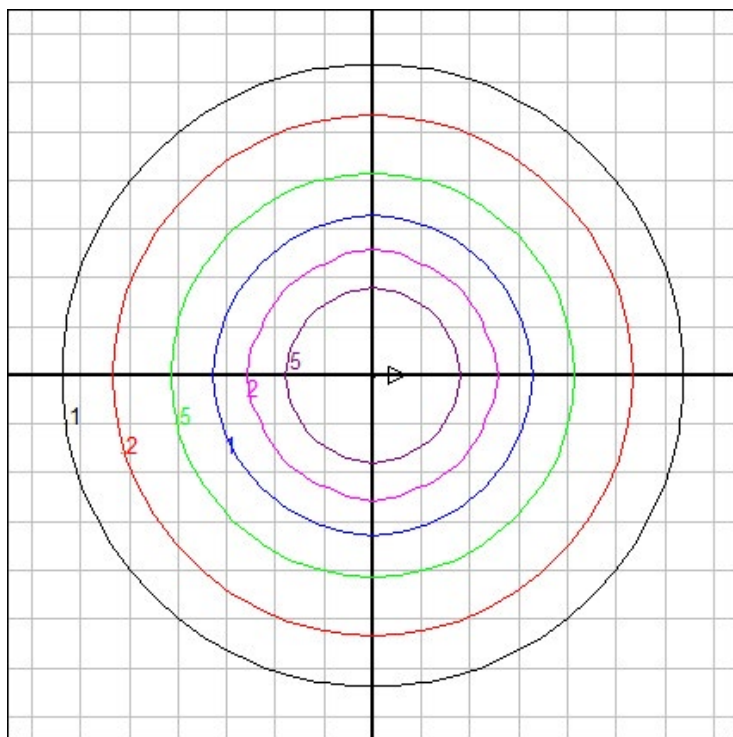


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1608
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	80
Total Luminaire Watts	20
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.18
Spacing Criterion (Diagonal)	1.06
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.47 ft (Diameter)
Luminous Height	0.05 ft

Zonal Lumen Summary

Zone	Lumens
0-10	89.82
10-20	264.04
20-30	362.86
30-40	290.31
40-50	203.41
50-60	145.51
60-70	88.16
70-80	54.18
80-90	34.07
90-100	23.50
100-110	20.13
110-120	13.78
120-130	6.26
130-140	6.04
140-150	5.40
150-160	0.67
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.

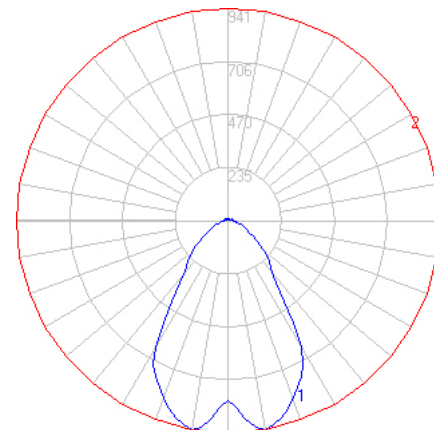
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BEGA

File: 50701K27_BEGA_IES.ies

TEST: BE_50701K4
TEST LAB: BEGA
DATE: 07/30/2018
LUMINAIRE: 50 701K27
LAMP: 16.8W LED

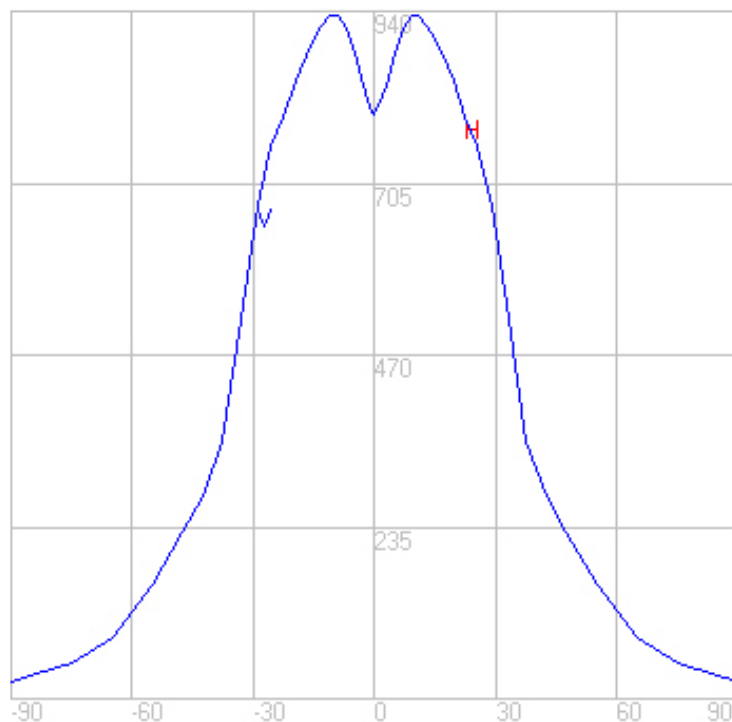
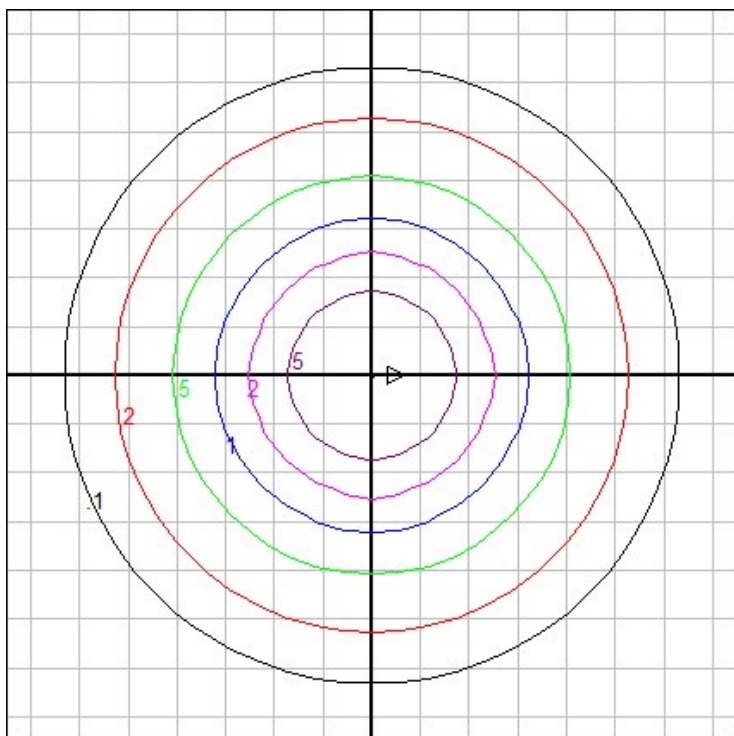


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1543
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	77
Total Luminaire Watts	20
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.18
Spacing Criterion (Diagonal)	1.06
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.47 ft (Diameter)
Luminous Height	0.05 ft

Zonal Lumen Summary

Zone	Lumens
0-10	86.17
10-20	253.31
20-30	348.11
30-40	278.51
40-50	195.14
50-60	139.59
60-70	84.58
70-80	51.98
80-90	32.68
90-100	22.55
100-110	19.32
110-120	13.22
120-130	6.01
130-140	5.79
140-150	5.19
150-160	0.65
160-170	0.00
170-180	0.00



Mounting Height: 10 ft.

Grid Spacing: 3 ft.

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