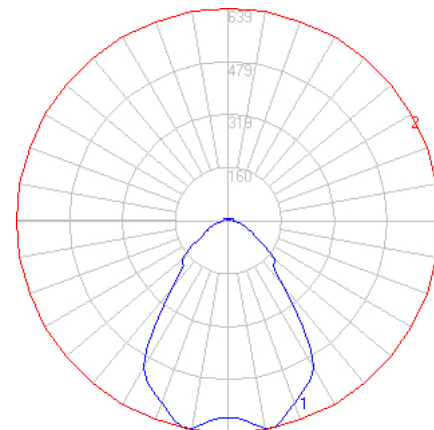


BEGA

File: 50700K4_BEGA_IES.ies

TEST: BE_50700K4
TEST LAB: BEGA
DATE: 06/13/2018
LUMINAIRE: 50 700K4
LAMP: 11.5W LED

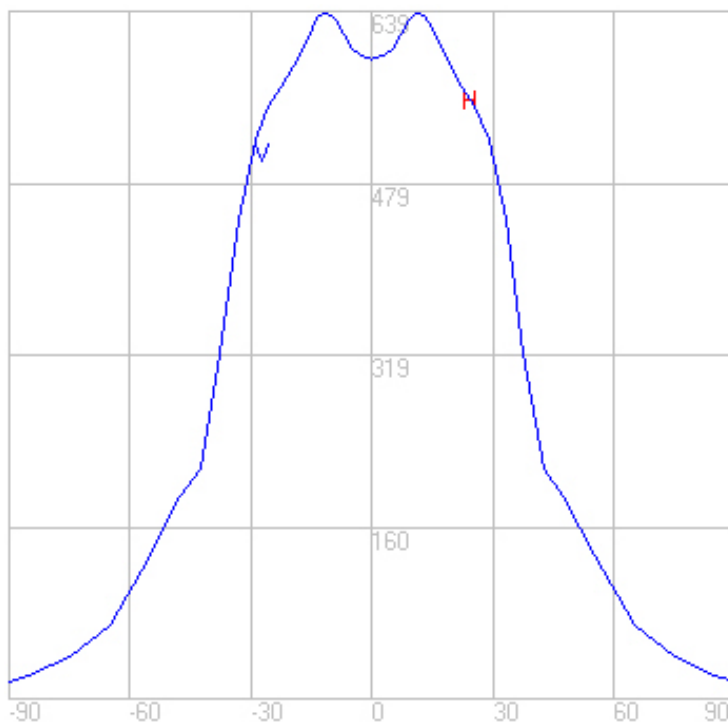
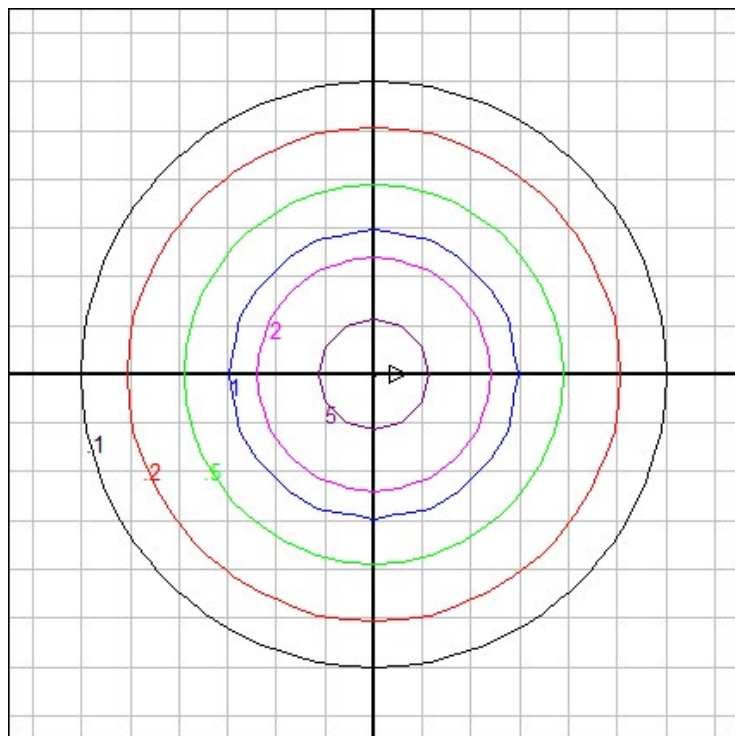


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1196
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	92
Total Luminaire Watts	13
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.24
Spacing Criterion (Diagonal)	1.12
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.41 ft (Diameter)
Luminous Height	0.05 ft

Zonal Lumen Summary

Zone	Lumens
0-10	58.86
10-20	174.55
20-30	254.51
30-40	241.33
40-50	156.84
50-60	120.11
60-70	69.24
70-80	41.93
80-90	22.83
90-100	16.87
100-110	15.84
110-120	10.72
120-130	3.28
130-140	4.87
140-150	3.61
150-160	0.44
160-170	0.05
170-180	0.03



Mounting Height: 10 ft.

Grid Spacing: 3 ft.

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

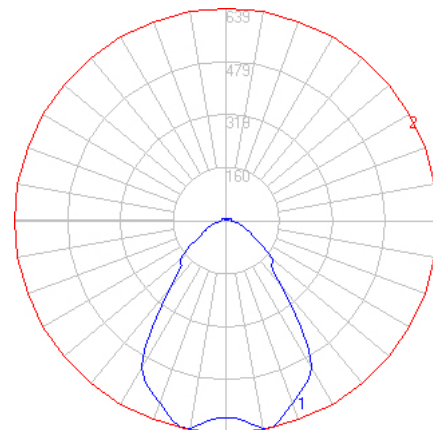
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BEGA

File: 50700K35_BEGA_IES.ies

TEST: BE_50700K4
 TEST LAB: BEGA
 DATE: 06/13/2018
 LUMINAIRE: 50 700K35
 LAMP: 11.5W LED

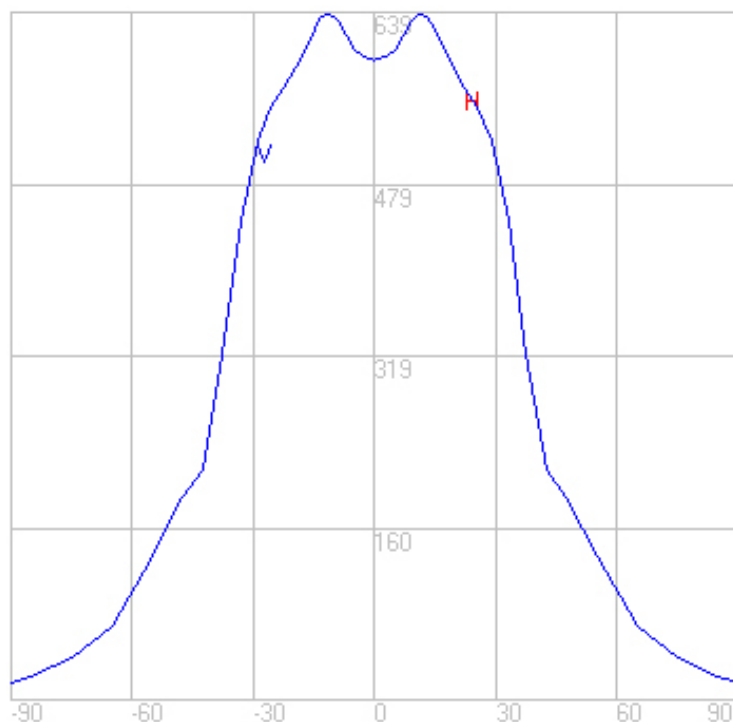
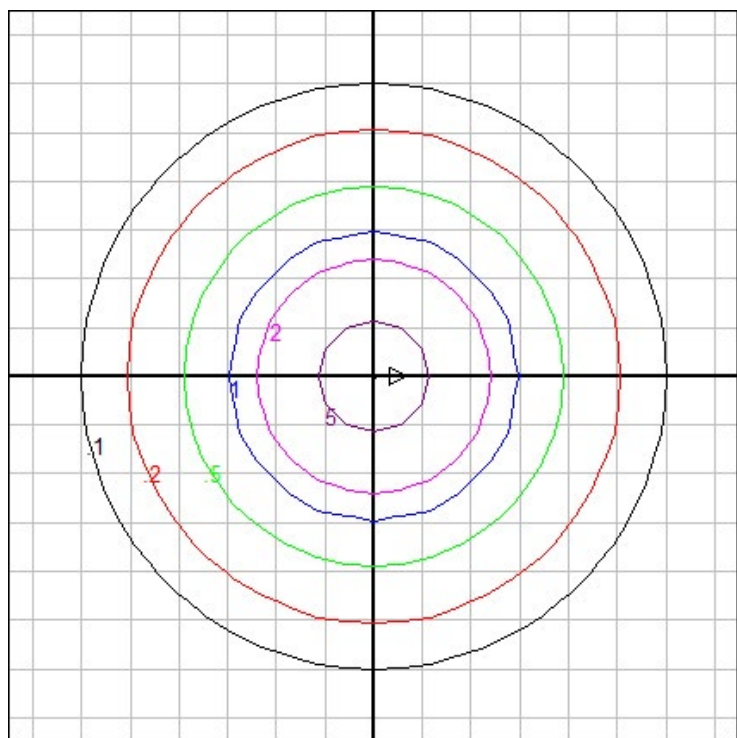


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1196
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	92
Total Luminaire Watts	13
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.24
Spacing Criterion (Diagonal)	1.12
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.41 ft (Diameter)
Luminous Height	0.05 ft

Zonal Lumen Summary

Zone	Lumens
0-10	58.86
10-20	174.55
20-30	254.51
30-40	241.33
40-50	156.84
50-60	120.11
60-70	69.24
70-80	41.93
80-90	22.83
90-100	16.87
100-110	15.84
110-120	10.72
120-130	3.28
130-140	4.87
140-150	3.61
150-160	0.44
160-170	0.05
170-180	0.03



Mounting Height: 10 ft.

Grid Spacing: 3 ft.

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

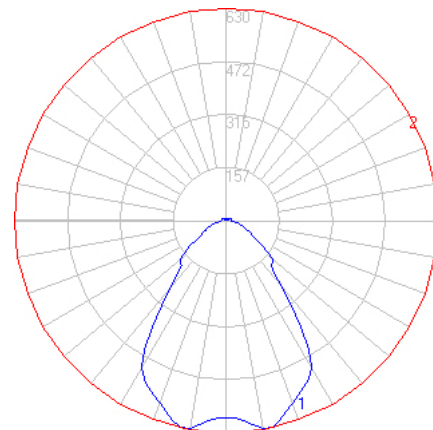
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BEGA

File: 50700K3_BEGA_IES.ies

TEST: BE_50700K4
TEST LAB: BEGA
DATE: 06/13/2018
LUMINAIRE: 50 700K3
LAMP: 11.5W LED

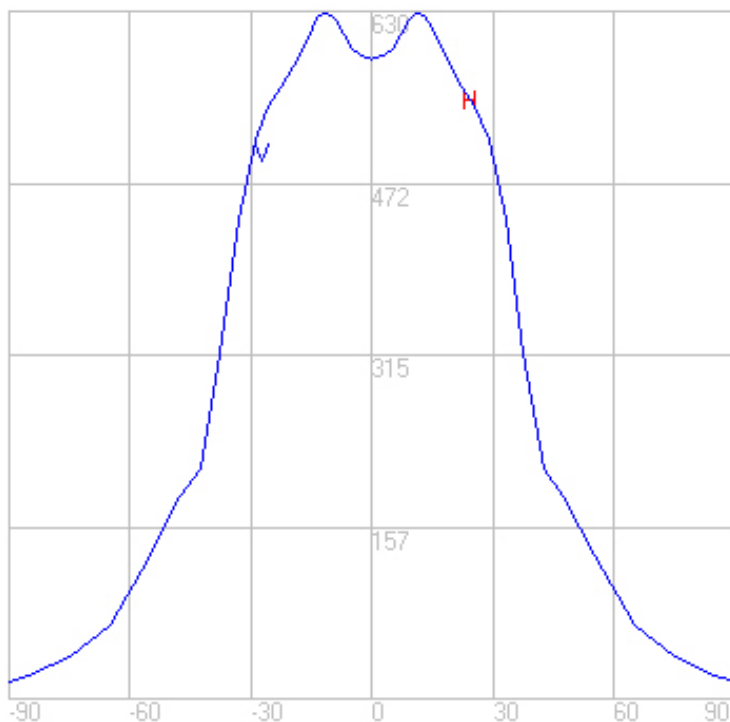
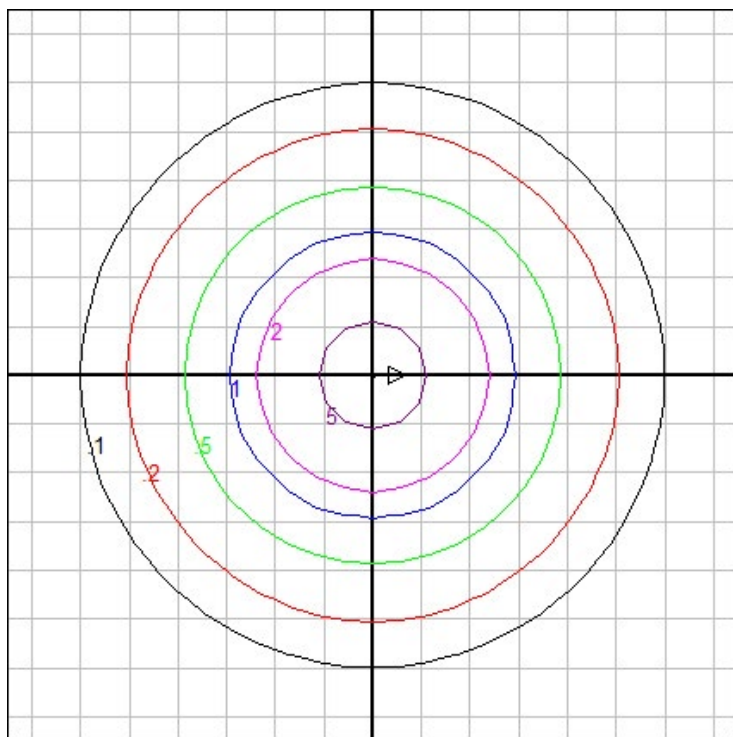


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1179
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	91
Total Luminaire Watts	13
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.24
Spacing Criterion (Diagonal)	1.12
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.41 ft (Diameter)
Luminous Height	0.05 ft

Zonal Lumen Summary

Zone	Lumens
0-10	58.03
10-20	172.11
20-30	250.95
30-40	237.95
40-50	154.65
50-60	118.43
60-70	68.27
70-80	41.34
80-90	22.51
90-100	16.64
100-110	15.62
110-120	10.57
120-130	3.24
130-140	4.80
140-150	3.56
150-160	0.44
160-170	0.05
170-180	0.03



Mounting Height: 10 ft.

Grid Spacing: 3 ft.

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

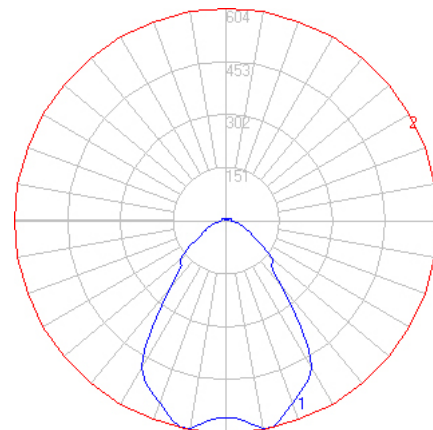
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BEGA

File: 50700K27_BEGA_IES.ies

TEST: BE_50700K4
TEST LAB: BEGA
DATE: 06/13/2018
LUMINAIRE: 50 700K27
LAMP: 11.5W LED

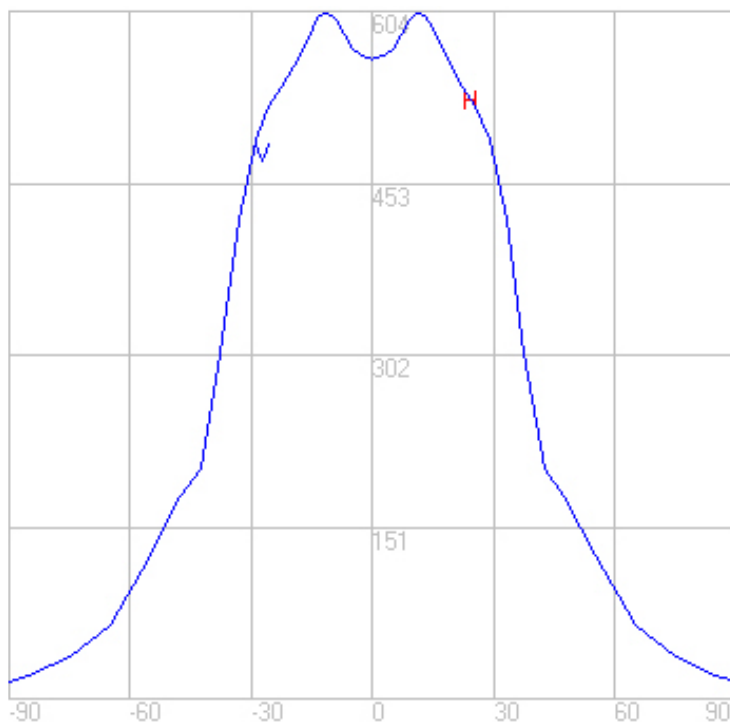
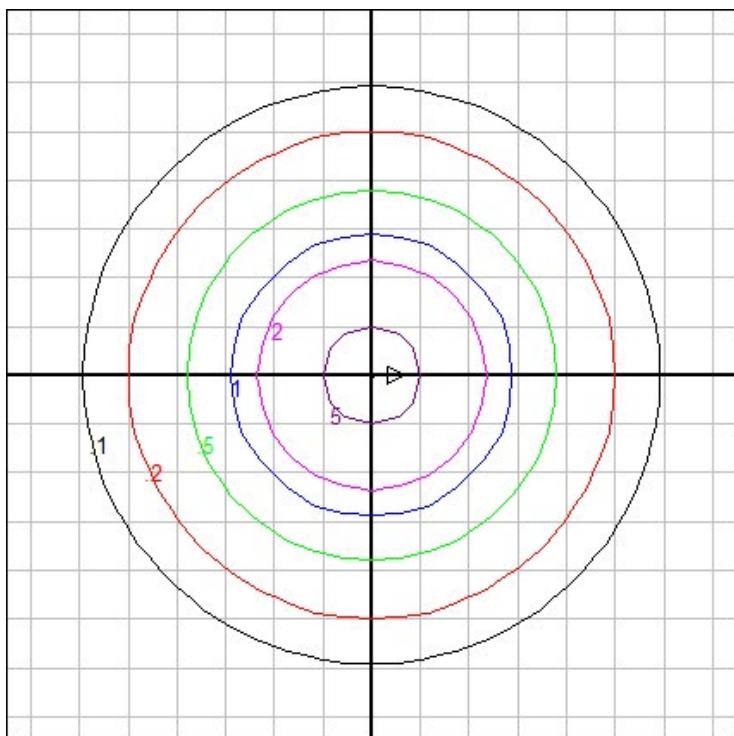


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1131
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	87
Total Luminaire Watts	13
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.24
Spacing Criterion (Diagonal)	1.12
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.41 ft (Diameter)
Luminous Height	0.05 ft

Zonal Lumen Summary

Zone	Lumens
0-10	55.68
10-20	165.13
20-30	240.77
30-40	228.30
40-50	148.38
50-60	113.62
60-70	65.50
70-80	39.67
80-90	21.60
90-100	15.96
100-110	14.99
110-120	10.14
120-130	3.11
130-140	4.61
140-150	3.42
150-160	0.42
160-170	0.04
170-180	0.03



Mounting Height: 10 ft.

Grid Spacing: 3 ft.

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