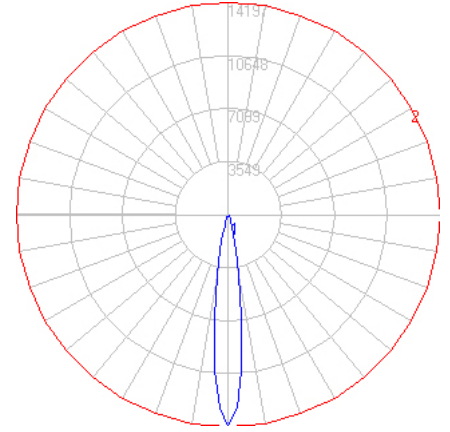


BEGA

File: 50623K4_BEGA_IES.ies

TEST: BE_50623K4
 TEST LAB: BEGA
 DATE: 09/11/2017
 LUMINAIRE: 50 623K4
 LAMP: 11.5W LED

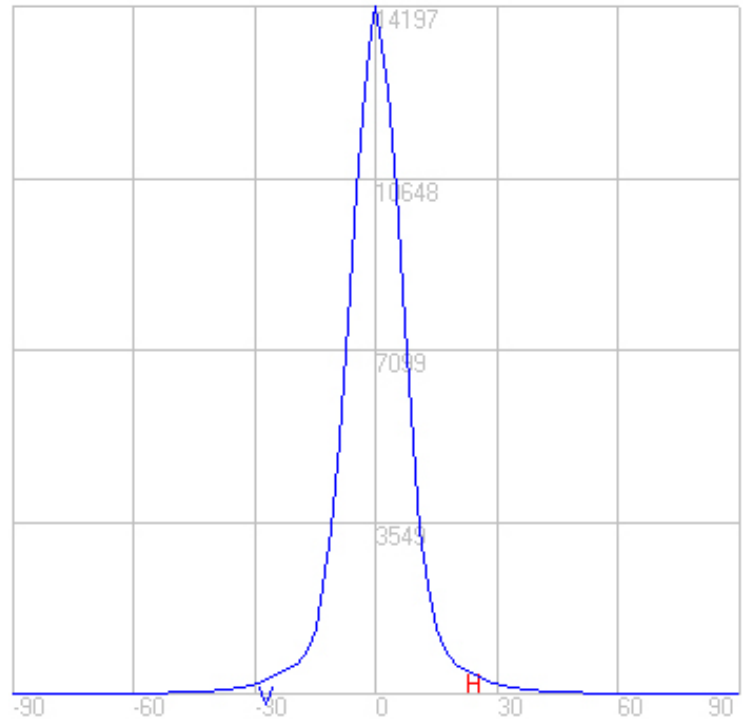
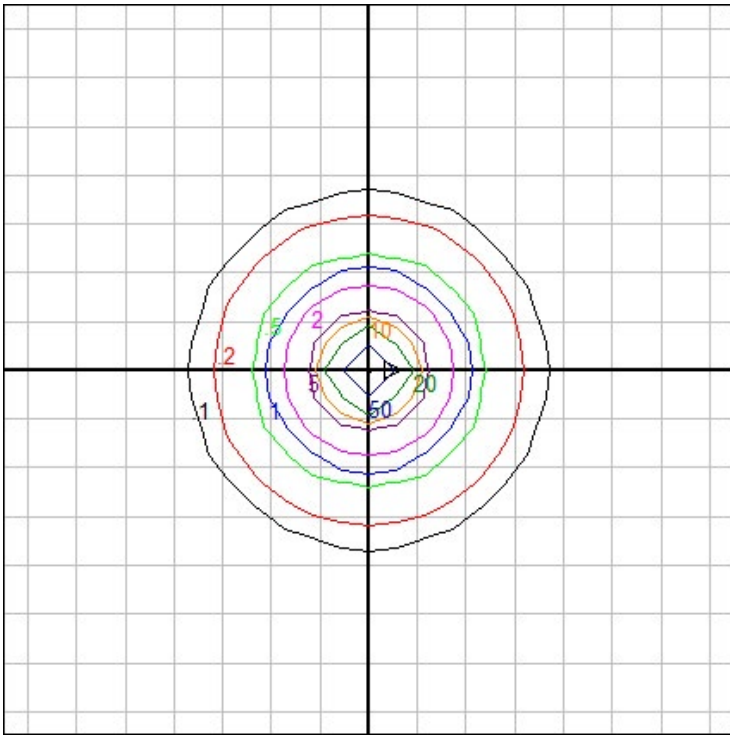


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1500
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	107
Total Luminaire Watts	14
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.26
Spacing Criterion (90-270)	0.26
Spacing Criterion (Diagonal)	0.28
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.39 ft (Diameter)
Luminous Height	0.41 ft

Zonal Lumen Summary

Zone	Lumens
0-10	781.38
10-20	440.87
20-30	169.57
30-40	65.29
40-50	34.50
50-60	8.28
60-70	0.16
70-80	0.20
80-90	0.22
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.

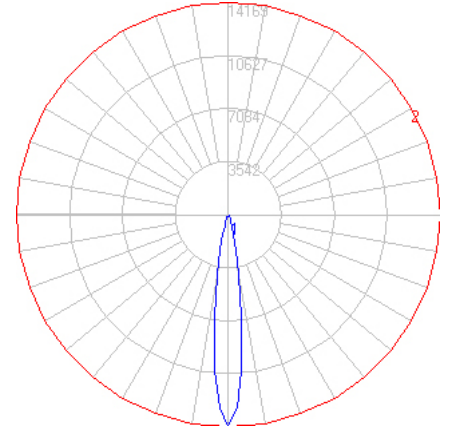
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BEGA

File: 50623K35_BEGA_IES.ies

TEST: BE_50623K4
 TEST LAB: BEGA
 DATE: 09/11/2017
 LUMINAIRE: 50 623K35
 LAMP: 11.5W LED

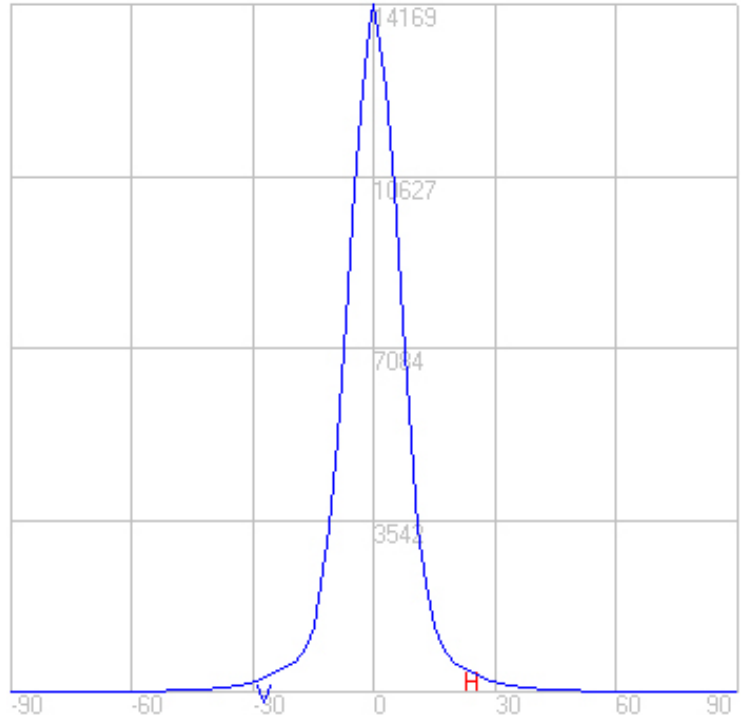
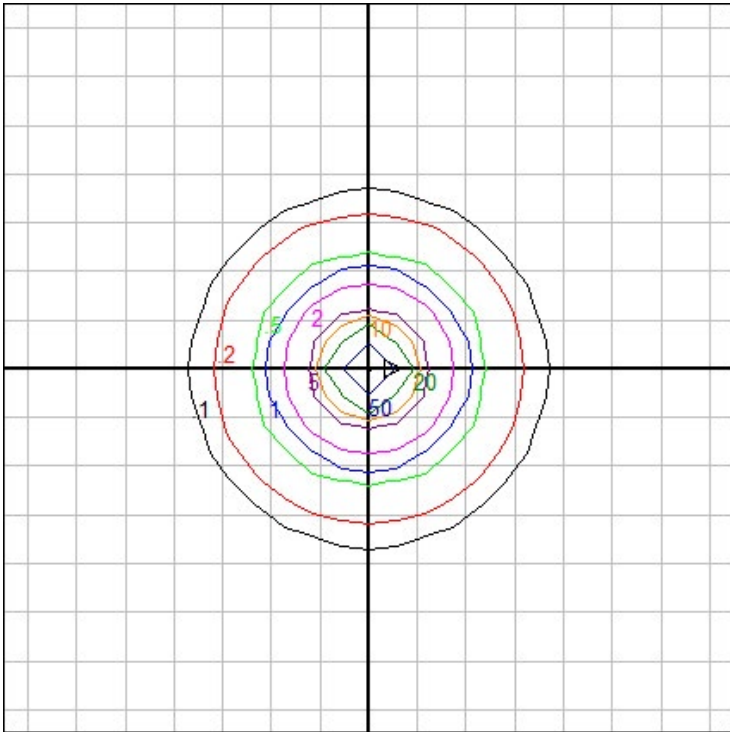


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1497
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	107
Total Luminaire Watts	14
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.26
Spacing Criterion (90-270)	0.26
Spacing Criterion (Diagonal)	0.28
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.39 ft (Diameter)
Luminous Height	0.41 ft

Zonal Lumen Summary

Zone	Lumens
0-10	779.82
10-20	439.99
20-30	169.23
30-40	65.16
40-50	34.43
50-60	8.26
60-70	0.16
70-80	0.20
80-90	0.22
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.

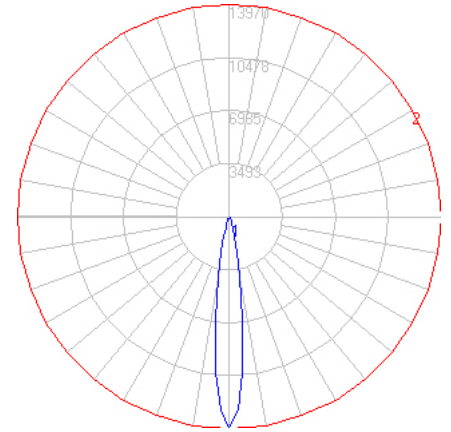
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BEGA

File: 50623K3_BEGA_IES.ies

TEST: BE_50623K4
 TEST LAB: BEGA
 DATE: 09/11/2017
 LUMINAIRE: 50 623K3
 LAMP: 11.5W LED

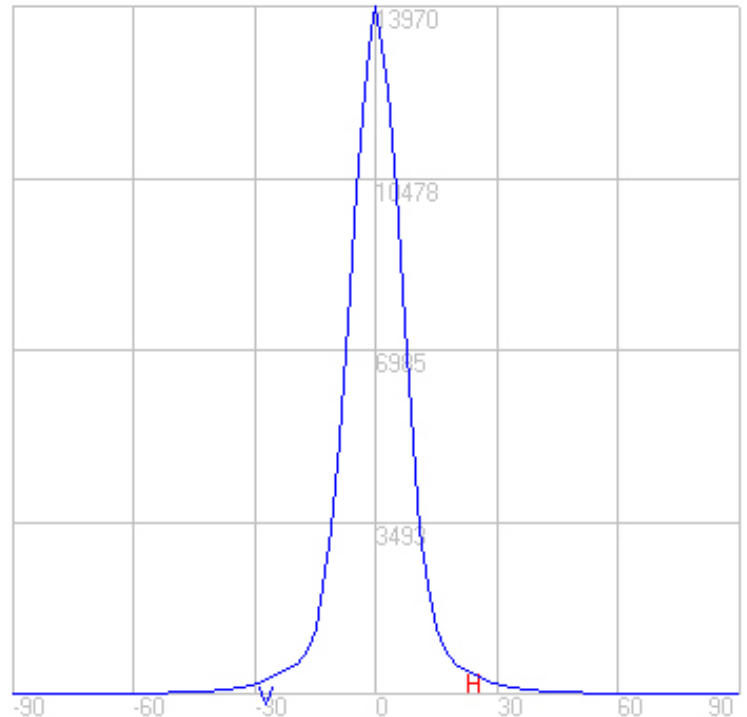
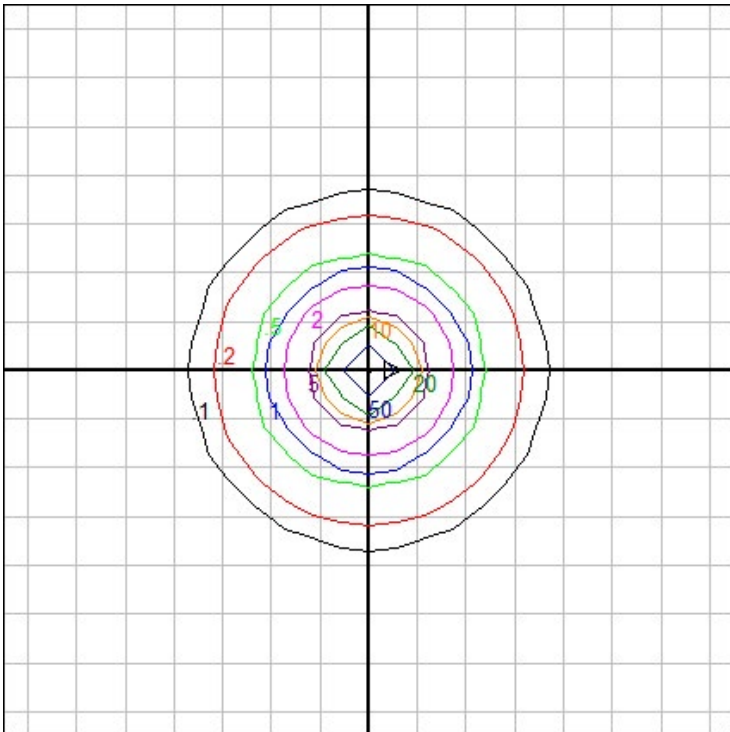


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1476
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	105
Total Luminaire Watts	14
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.26
Spacing Criterion (90-270)	0.26
Spacing Criterion (Diagonal)	0.28
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.39 ft (Diameter)
Luminous Height	0.41 ft

Zonal Lumen Summary

Zone	Lumens
0-10	768.88
10-20	433.82
20-30	166.86
30-40	64.25
40-50	33.95
50-60	8.15
60-70	0.16
70-80	0.20
80-90	0.21
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.

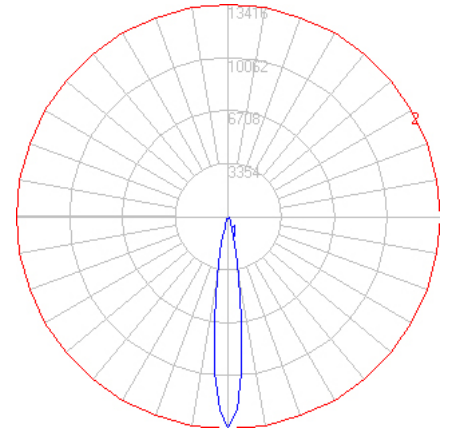
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BEGA

File: 50623K27_BEGA_IES.ies

TEST: BE_50623K4
 TEST LAB: BEGA
 DATE: 09/11/2017
 LUMINAIRE: 50 623K27
 LAMP: 11.5W LED

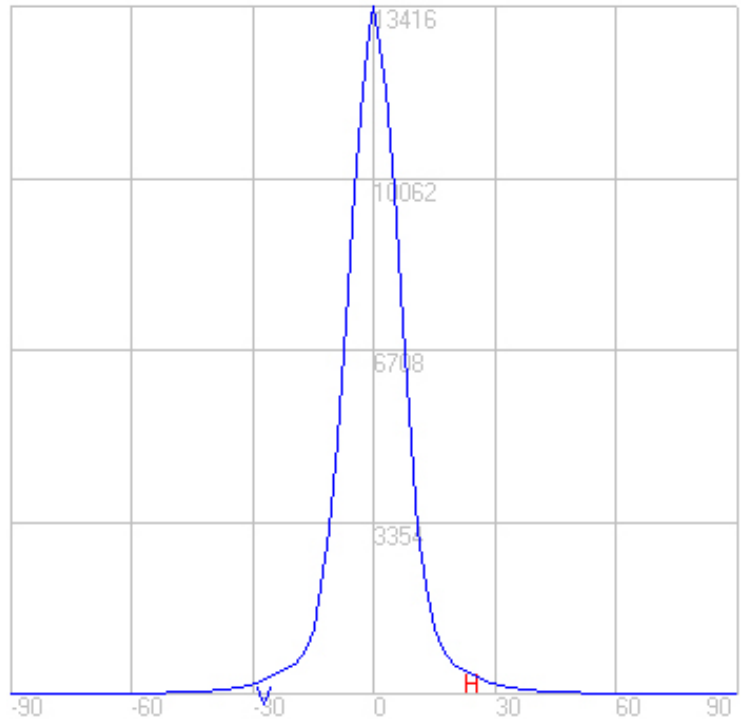
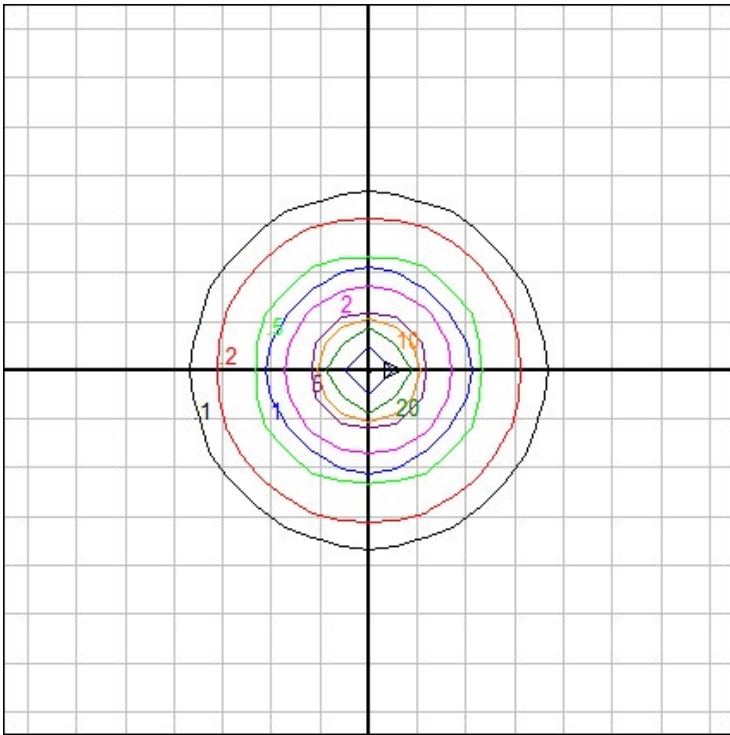


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1418
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	101
Total Luminaire Watts	14
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.26
Spacing Criterion (90-270)	0.26
Spacing Criterion (Diagonal)	0.28
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.39 ft (Diameter)
Luminous Height	0.41 ft

Zonal Lumen Summary

Zone	Lumens
0-10	738.41
10-20	416.62
20-30	160.25
30-40	61.70
40-50	32.60
50-60	7.82
60-70	0.15
70-80	0.19
80-90	0.21
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.