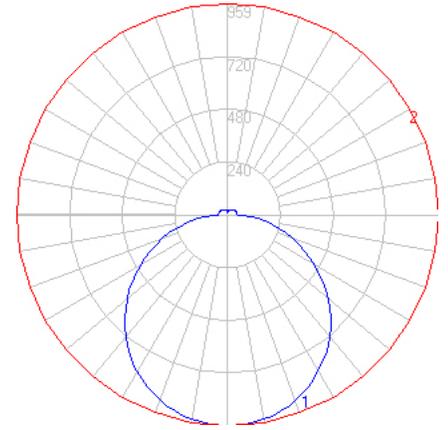


BEGA

File: 50530K4_BEGA_IES.ies

TEST: BE_50530K4
 TEST LAB: BEGA
 DATE: 07/10/2018
 LUMINAIRE: 50 530K4
 LAMP: 43.7W LED

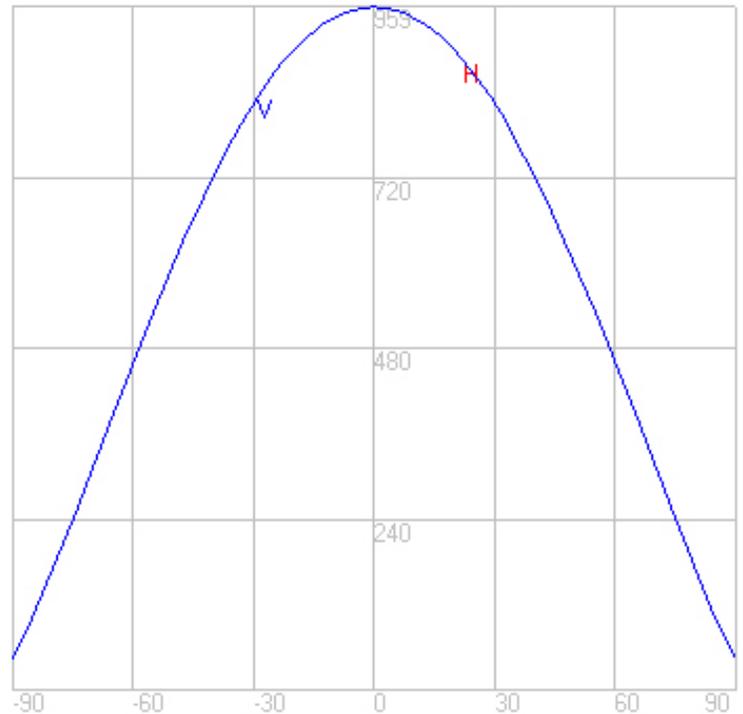
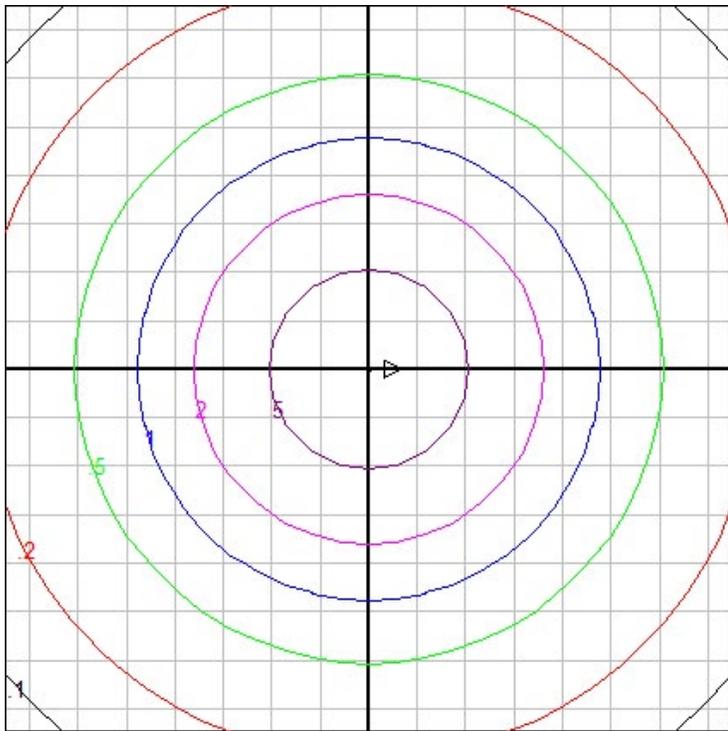


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3200
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	64
Total Luminaire Watts	50
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.40
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	1.43 ft (Diameter)
Luminous Height	0.10 ft

Zonal Lumen Summary

Zone	Lumens
0-10	90.84
10-20	261.52
20-30	399.07
30-40	485.75
40-50	511.18
50-60	474.47
60-70	384.31
70-80	256.54
80-90	112.14
90-100	46.62
100-110	43.67
110-120	38.95
120-130	32.46
130-140	25.13
140-150	17.83
150-160	11.75
160-170	6.23
170-180	1.41



Mounting Height: 10 ft.

Grid Spacing: 3 ft.

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

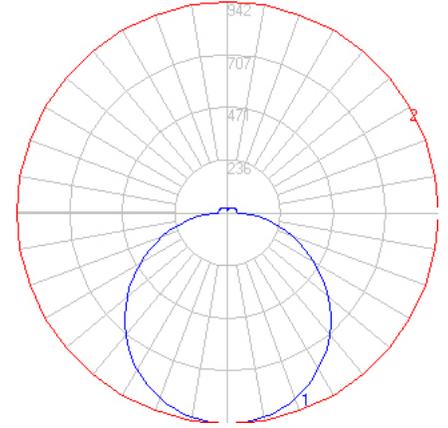
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BEGA

File: 50530K35_BEGA_IES.ies

TEST: BE_50530K4
 TEST LAB: BEGA
 DATE: 07/10/2018
 LUMINAIRE: 50 530K35
 LAMP: 43.7W LED

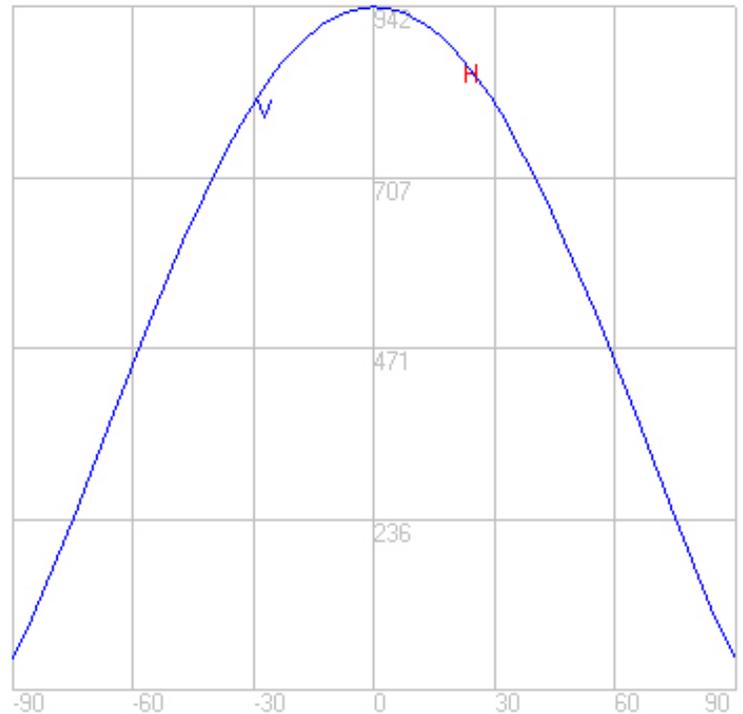
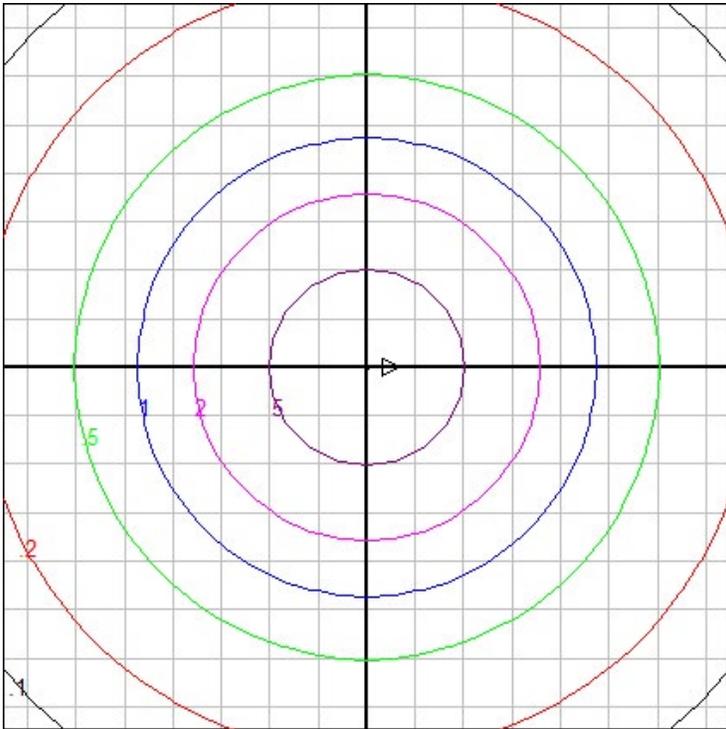


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3142
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	63
Total Luminaire Watts	50
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.40
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	1.43 ft (Diameter)
Luminous Height	0.10 ft

Zonal Lumen Summary

Zone	Lumens
0-10	89.21
10-20	256.81
20-30	391.89
30-40	477.01
40-50	501.98
50-60	465.93
60-70	377.39
70-80	251.92
80-90	110.12
90-100	45.78
100-110	42.89
110-120	38.25
120-130	31.88
130-140	24.67
140-150	17.51
150-160	11.54
160-170	6.12
170-180	1.39



Mounting Height: 10 ft.

Grid Spacing: 3 ft.

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

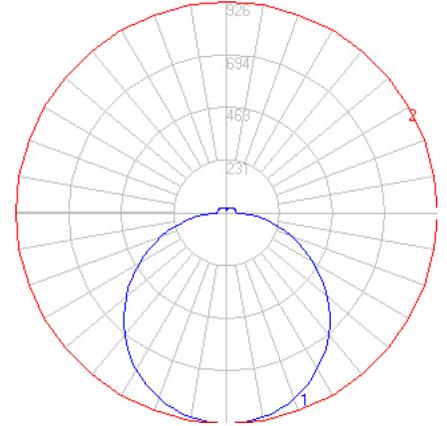
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BEGA

File: 50530K3_BEGA_IES.ies

TEST: BE_50530K4
 TEST LAB: BEGA
 DATE: 07/10/2018
 LUMINAIRE: 50 530K3
 LAMP: 43.7W LED

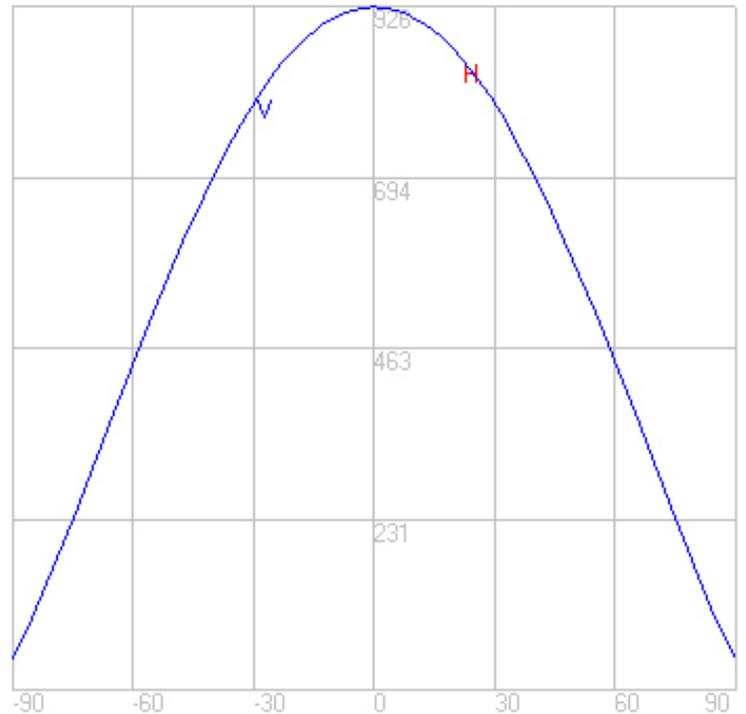
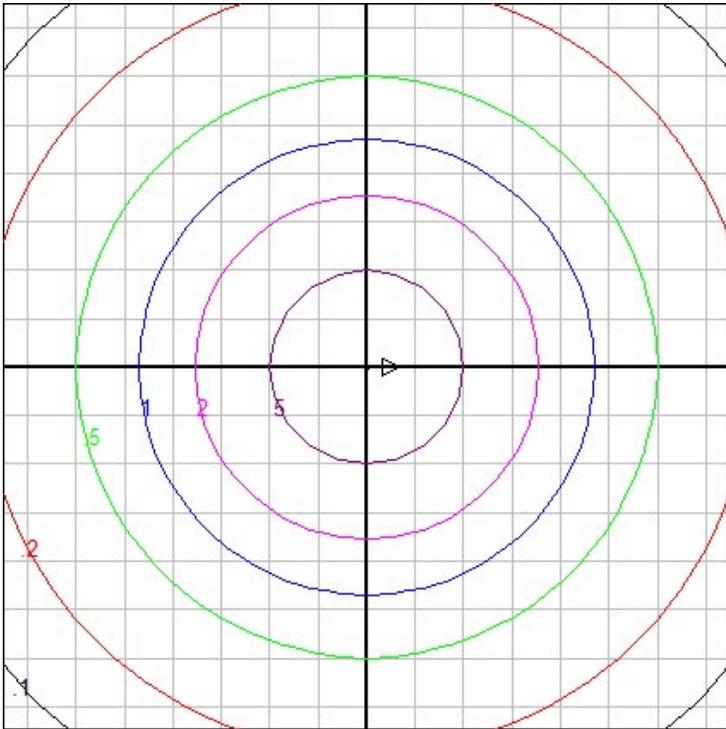


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3088
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	62
Total Luminaire Watts	50
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.40
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	1.43 ft (Diameter)
Luminous Height	0.10 ft

Zonal Lumen Summary

Zone	Lumens
0-10	87.66
10-20	252.37
20-30	385.11
30-40	468.75
40-50	493.29
50-60	457.86
60-70	370.86
70-80	247.56
80-90	108.22
90-100	44.99
100-110	42.14
110-120	37.59
120-130	31.33
130-140	24.25
140-150	17.21
150-160	11.34
160-170	6.01
170-180	1.36



Mounting Height: 10 ft.

Grid Spacing: 3 ft.

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

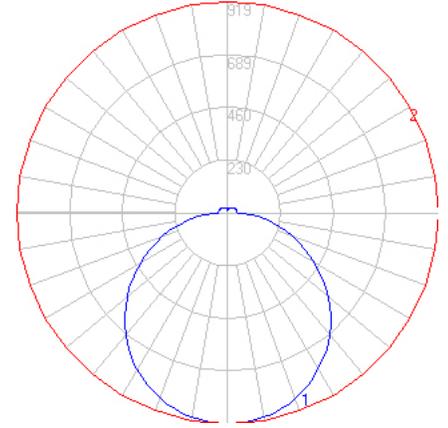
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BEGA

File: 50530K27_BEGA_IES.ies

TEST: BE_50530K4
 TEST LAB: BEGA
 DATE: 07/10/2018
 LUMINAIRE: 50 530K27
 LAMP: 43.7W LED

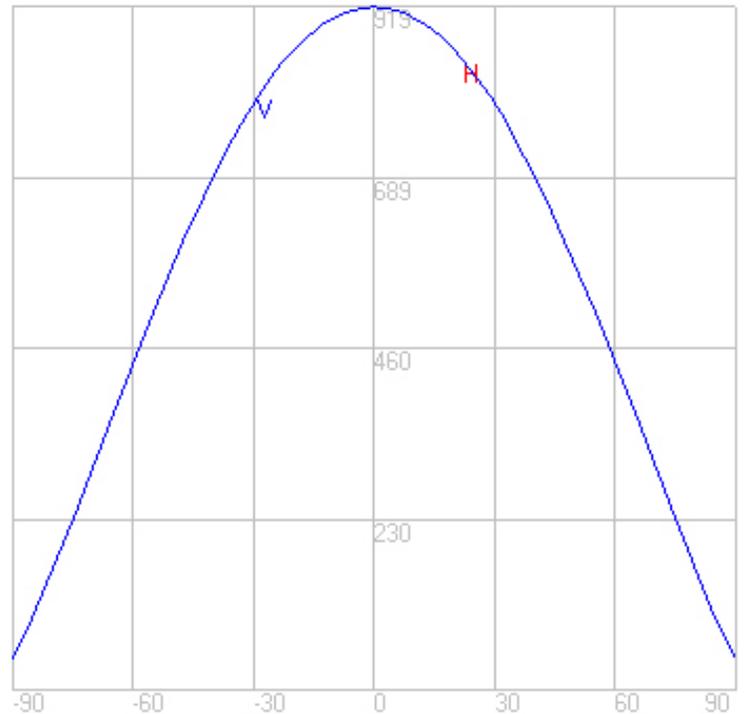
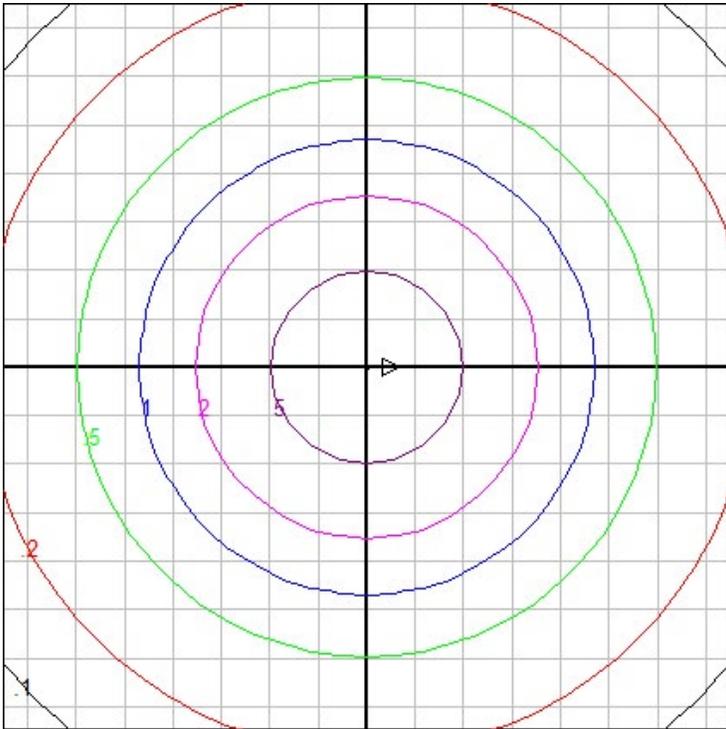


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3065
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	61
Total Luminaire Watts	50
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.40
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	1.43 ft (Diameter)
Luminous Height	0.10 ft

Zonal Lumen Summary

Zone	Lumens
0-10	87.03
10-20	250.54
20-30	382.31
30-40	465.35
40-50	489.71
50-60	454.54
60-70	368.17
70-80	245.76
80-90	107.43
90-100	44.66
100-110	41.84
110-120	37.32
120-130	31.10
130-140	24.07
140-150	17.08
150-160	11.26
160-170	5.97
170-180	1.35



Mounting Height: 10 ft.

Grid Spacing: 3 ft.

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