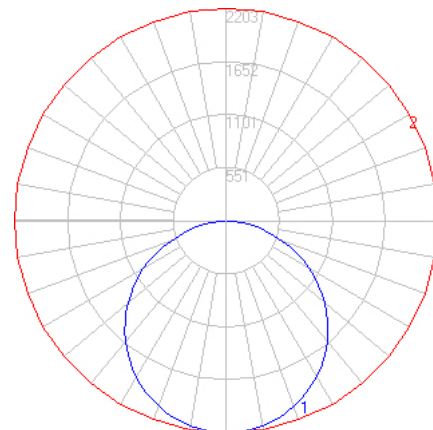


BEGA

File: 34022K4_BEGA_IES.ies

TEST: BE_34022K4
TEST LAB: BEGA
DATE: 02/15/2019
LUMINAIRE: 34 022K4
LAMP: 67.2W LED

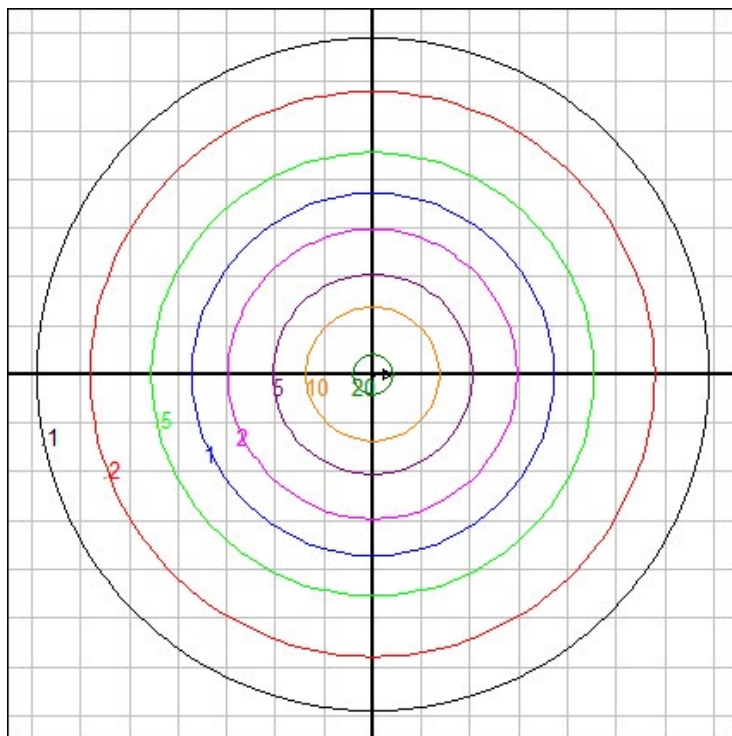


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6349
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	76
Total Luminaire Watts	83
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)	1.54 ft (Diameter)
Luminous Height	0.28 ft

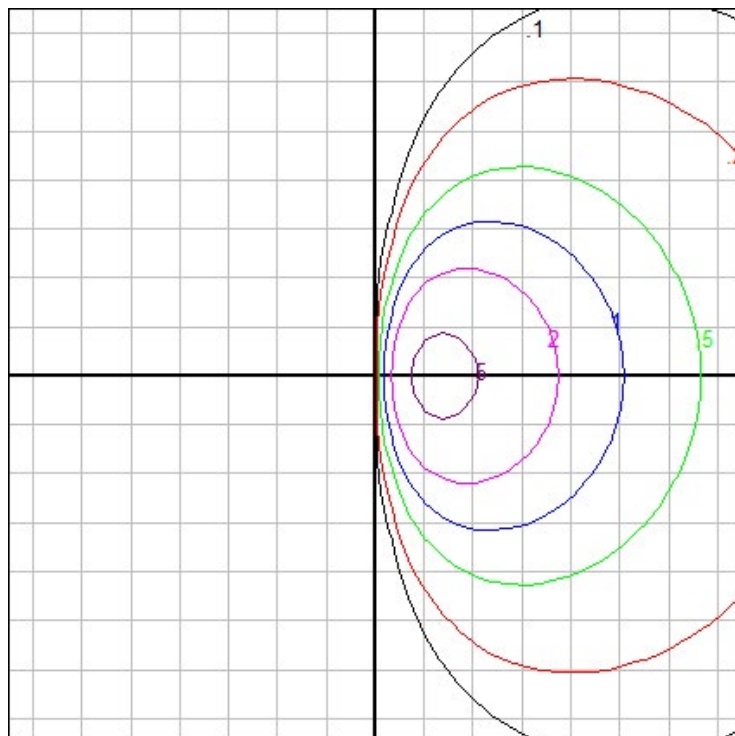
Zonal Lumen Summary

Zone	Lumens
0-10	208.47
10-20	597.62
20-30	908.60
30-40	1101.25
40-50	1150.2
50-60	1046.59
60-70	797.84
70-80	441.28
80-90	97.40
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: 5 ft.



Mounting Height: 10 ft.

Grid Spacing: 5 ft.

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

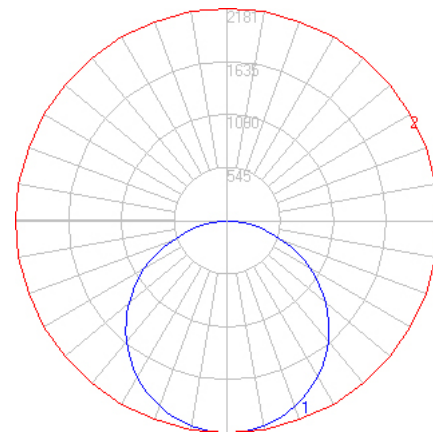
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BEGA

File: 34022K35_BEGA_IES.ies

TEST: BE_34022K4
TEST LAB: BEGA
DATE: 02/15/2019
LUMINAIRE: 34 022K35
LAMP: 67.2W LED

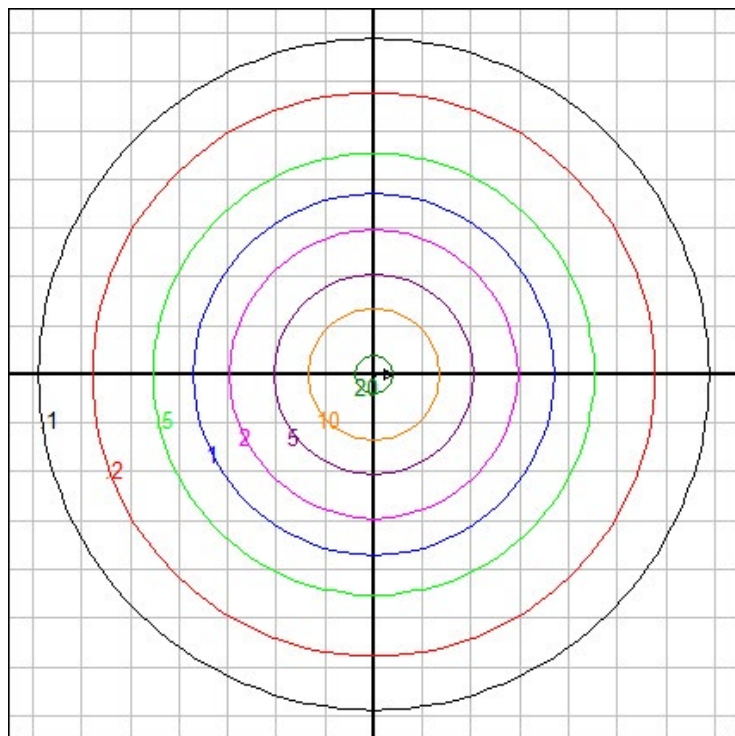


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6286
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	76
Total Luminaire Watts	83
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)	1.54 ft (Diameter)
Luminous Height	0.28 ft

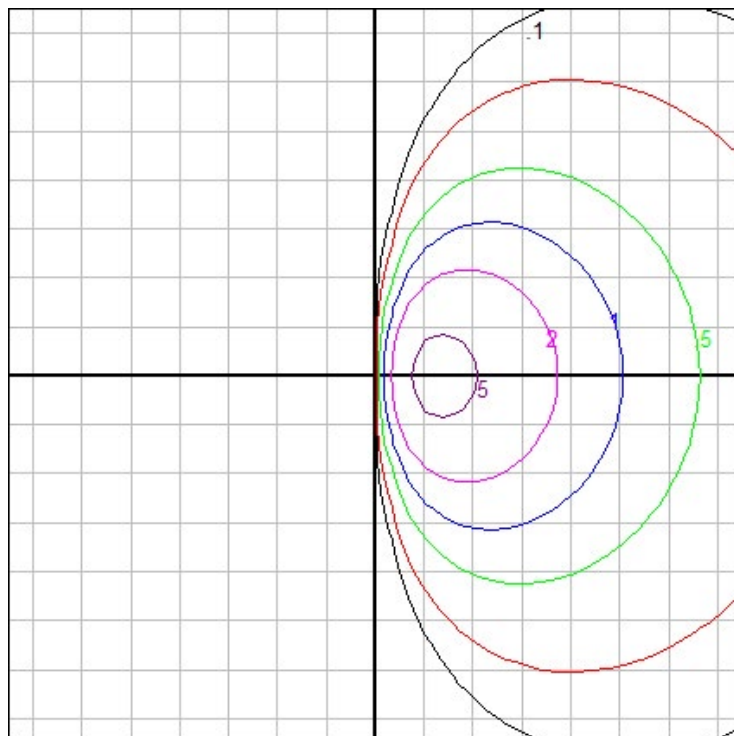
Zonal Lumen Summary

Zone	Lumens
0-10	206.38
10-20	591.65
20-30	899.51
30-40	1090.24
40-50	1138.69
50-60	1036.12
60-70	789.86
70-80	436.87
80-90	96.43
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.



Mounting Height: 10 ft.

Grid Spacing: 5 ft.

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

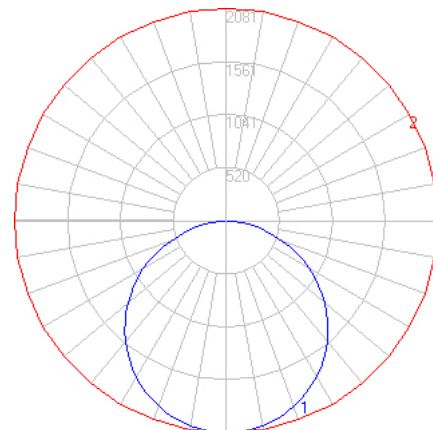
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BEGA

File: 34022K3_BEGA_IES.ies

TEST: BE_34022K4
TEST LAB: BEGA
DATE: 02/15/2019
LUMINAIRE: 34 022K3
LAMP: 67.2W LED

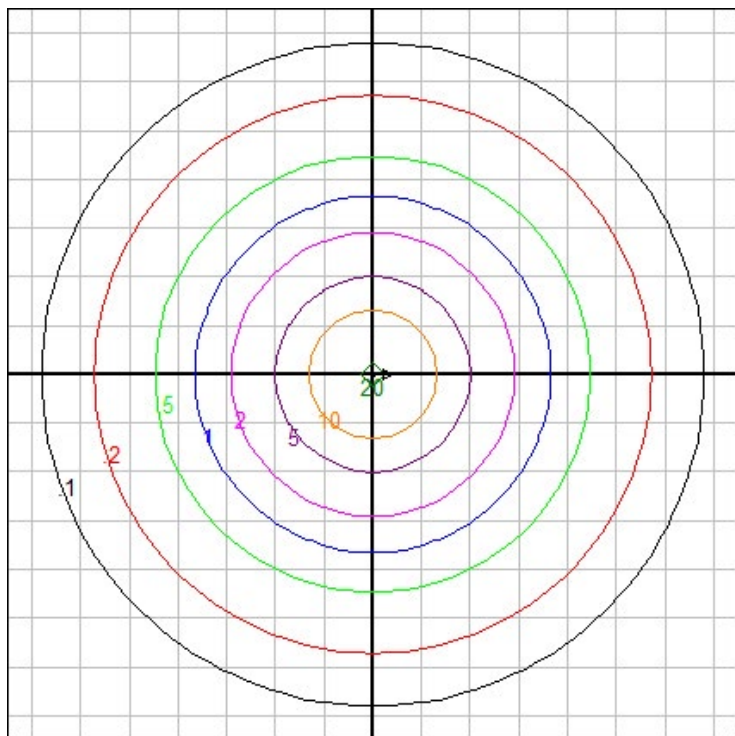


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6000
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	72
Total Luminaire Watts	83
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)	1.54 ft (Diameter)
Luminous Height	0.28 ft

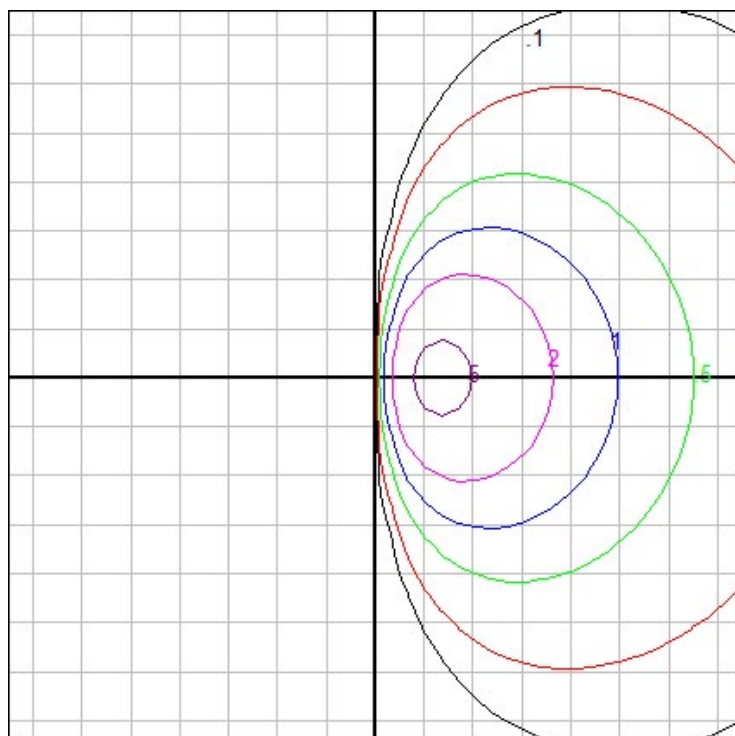
Zonal Lumen Summary

Zone	Lumens
0-10	197.00
10-20	564.75
20-30	858.63
30-40	1040.68
40-50	1086.94
50-60	989.02
60-70	753.96
70-80	417.01
80-90	92.05
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.



Mounting Height: 10 ft.

Grid Spacing: 5 ft.

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

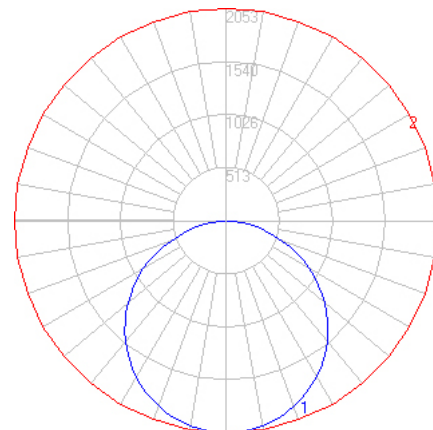
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BEGA

File:34022K27_BEGA_IES.ies

TEST: BE_34022K4
TEST LAB: BEGA
DATE: 02/15/2019
LUMINAIRE: 34 022K427
LAMP: 67.2W LED

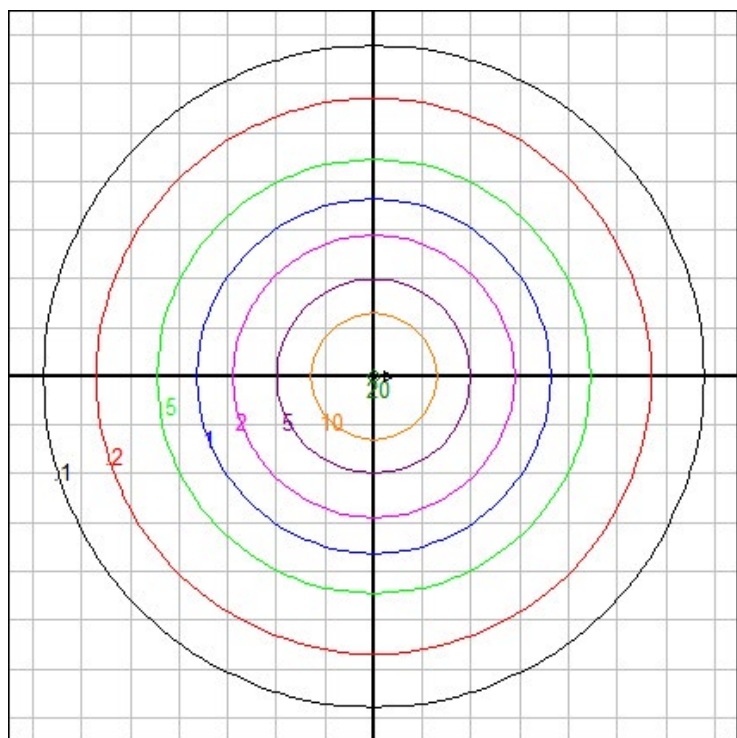


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5918
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	71
Total Luminaire Watts	83
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)	1.54 ft (Diameter)
Luminous Height	0.28 ft

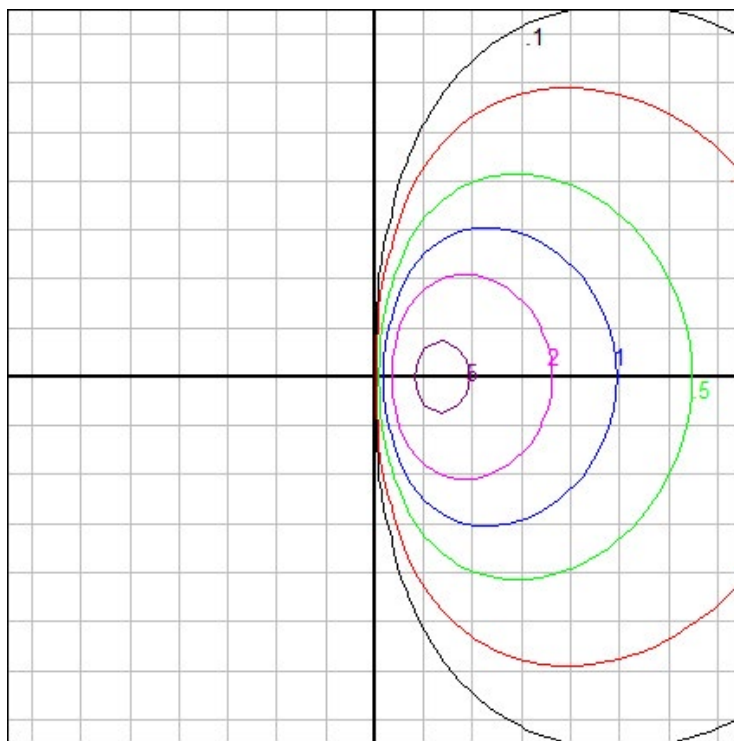
Zonal Lumen Summary

Zone	Lumens
0-10	194.29
10-20	556.99
20-30	846.82
30-40	1026.37
40-50	1071.98
50-60	975.42
60-70	743.58
70-80	411.28
80-90	90.78
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.



Mounting Height: 10 ft.

Grid Spacing: 5 ft.

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