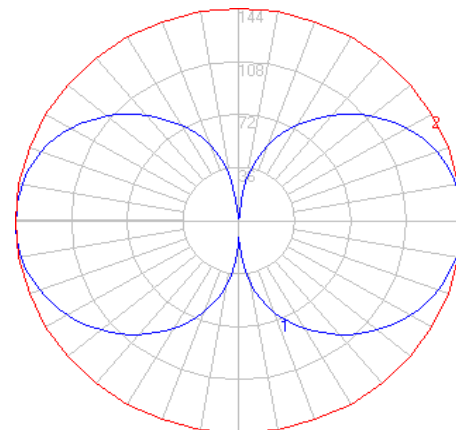


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File: 50409K4.ies

TEST: BE_50409K4
TEST LAB: BEGA
DATE: 08/23/2017
LUMINAIRE: 50 409K4
LAMP: 15.6W LED

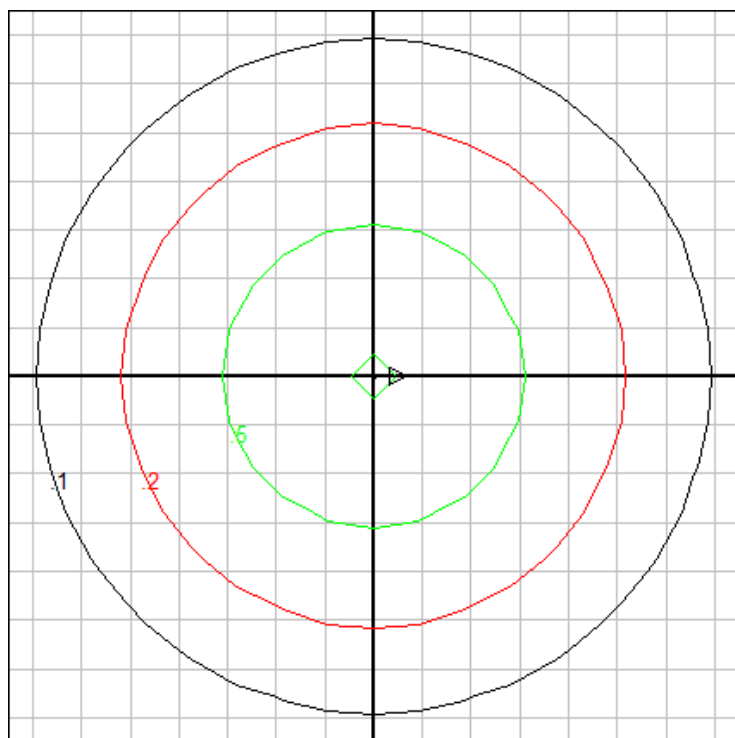


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1458
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	73
Total Luminaire Watts	20
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.36 ft (Diameter)
Luminous Height	1.31 ft

Zonal Lumen Summary

Zone	Lumens
0-10	3.11
10-20	15.93
20-30	35.19
30-40	58.55
40-50	84.22
50-60	109.49
60-70	131.63
70-80	148.10
80-90	156.51
90-100	155.96
100-110	147.34
110-120	129.88
120-130	105.87
130-140	78.96
140-150	52.83
150-160	30.45
160-170	12.35
170-180	1.15



Mounting Height: 8 ft.

Grid Spacing: 3 ft.

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

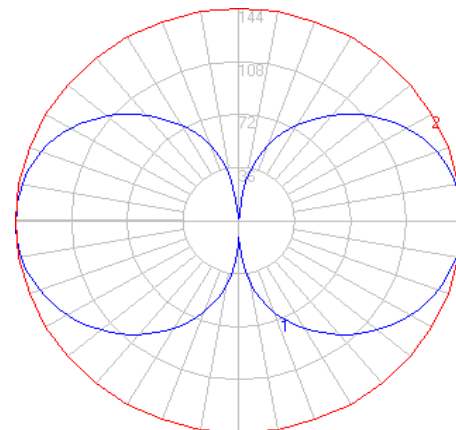
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BEGA

File: 50409K35.ies

TEST: BE_50409K4
TEST LAB: BEGA
DATE: 08/23/2017
LUMINAIRE: 50 409K35
LAMP: 15.6W LED

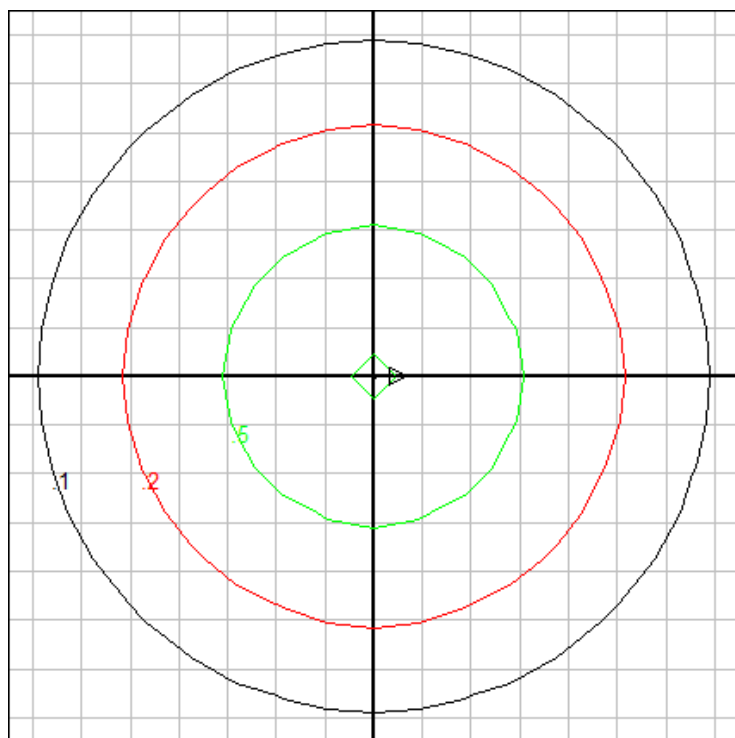


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1443
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	72
Total Luminaire Watts	20
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.36 ft (Diameter)
Luminous Height	1.31 ft

Zonal Lumen Summary

Zone	Lumens
0-10	3.08
10-20	15.77
20-30	34.84
30-40	57.96
40-50	83.38
50-60	108.39
60-70	130.31
70-80	146.62
80-90	154.95
90-100	154.40
100-110	145.86
110-120	128.58
120-130	104.81
130-140	78.17
140-150	52.31
150-160	30.15
160-170	12.23
170-180	1.14



Mounting Height: 8 ft.

Grid Spacing: 3 ft.

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

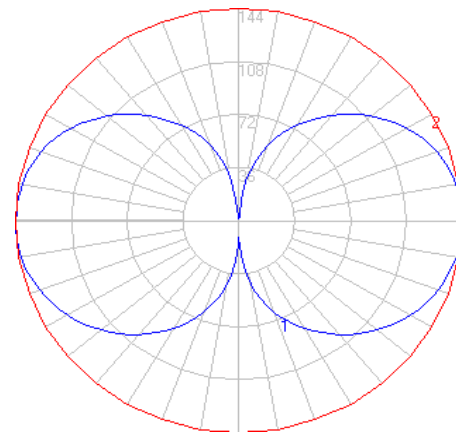
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File: 50409K3.ies

TEST: BE_50409K4
 TEST LAB: BEGA
 DATE: 08/23/2017
 LUMINAIRE: 50 409K3
 LAMP: 15.6W LED

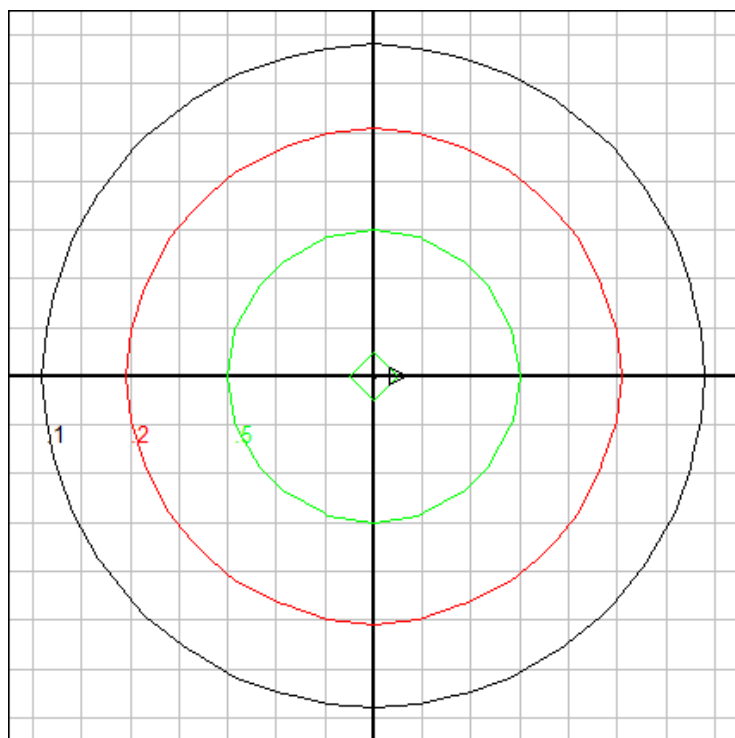


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1399
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	70
Total Luminaire Watts	20
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.36 ft (Diameter)
Luminous Height	1.31 ft

Zonal Lumen Summary

Zone	Lumens
0-10	2.99
10-20	15.29
20-30	33.79
30-40	56.20
40-50	80.85
50-60	105.11
60-70	126.36
70-80	142.18
80-90	150.25
90-100	149.72
100-110	141.44
110-120	124.68
120-130	101.63
130-140	75.81
140-150	50.72
150-160	29.23
160-170	11.86
170-180	1.10



Mounting Height: 8 ft.

Grid Spacing: 3 ft.

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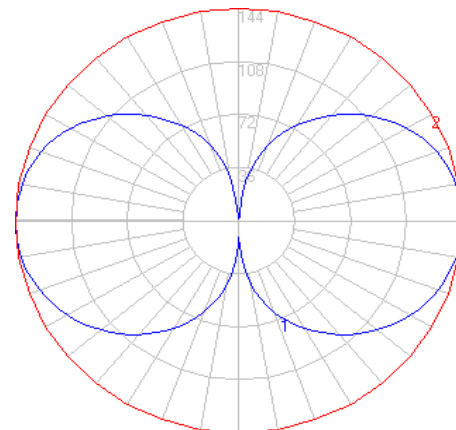
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File: 50409K27.ies

TEST: BE_50409K4
TEST LAB: BEGA
DATE: 08/23/2017
LUMINAIRE: 50 409K27
LAMP: 15.6W LED

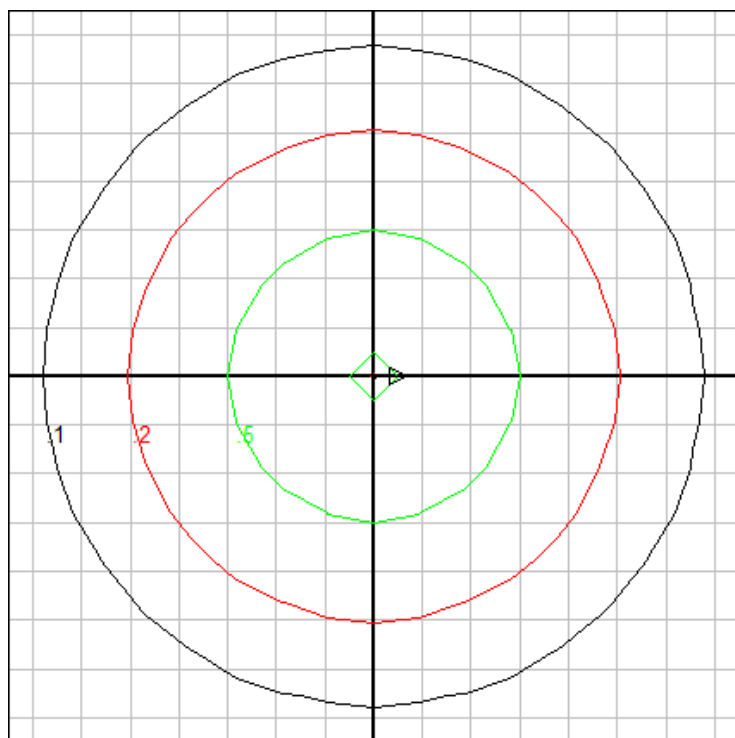


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1385
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	69
Total Luminaire Watts	20
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.36 ft (Diameter)
Luminous Height	1.31 ft

Zonal Lumen Summary

Zone	Lumens
0-10	2.95
10-20	15.13
20-30	33.43
30-40	55.62
40-50	80.01
50-60	104.01
60-70	125.05
70-80	140.70
80-90	148.69
90-100	148.16
100-110	139.97
110-120	123.38
120-130	100.57
130-140	75.02
140-150	50.19
150-160	28.93
160-170	11.73
170-180	1.09



Mounting Height: 8 ft.

Grid Spacing: 3 ft.

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