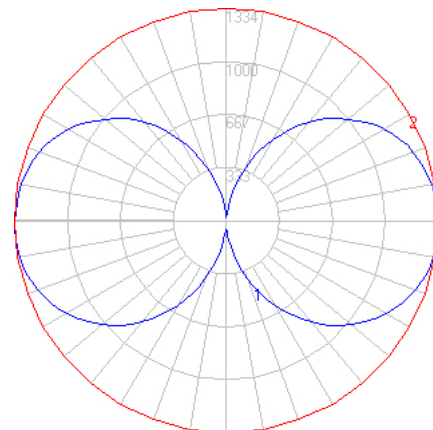


BEGA

File: 50672K4_BEGA_IES.ies

TEST: BE_50672K4
TEST LAB: BEGA
DATE: 04/04/2018
LUMINAIRE: 50 672K4
LAMP: 105.6W LED

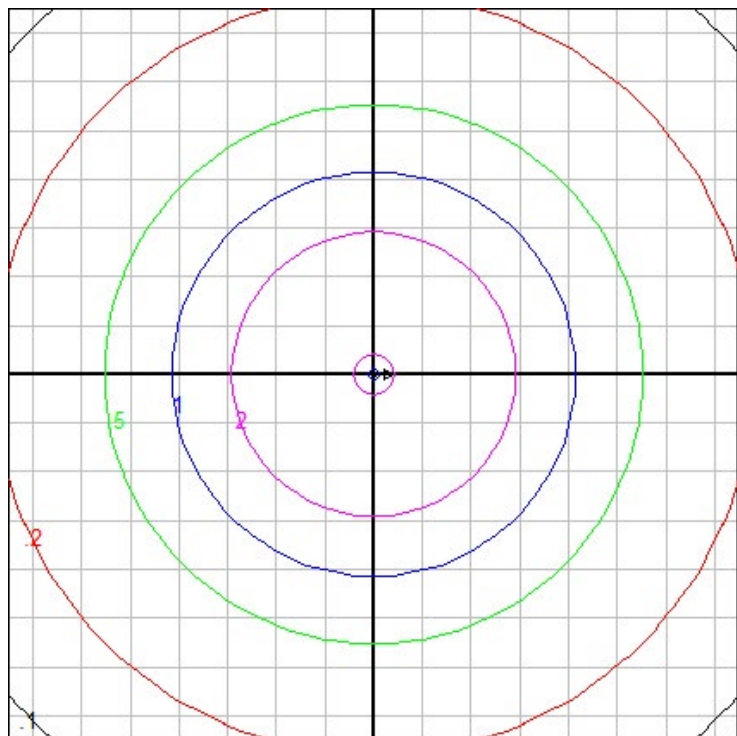


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	12942
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	108
Total Luminaire Watts	120
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)	0.62 ft (Diameter)
Luminous Height	5.25 ft

Zonal Lumen Summary

Zone	Lumens
0-10	10.93
10-20	81.82
20-30	237.23
30-40	460.05
40-50	719.98
50-60	981.86
60-70	1211.78
70-80	1374.4
80-90	1451.53
90-100	1444.52
100-110	1359.5
110-120	1196.98
120-130	964.49
130-140	701.44
140-150	442.83
150-160	223.04
160-170	72.19
170-180	7.08



Mounting Height: 10 ft.

Grid Spacing: 5 ft.

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

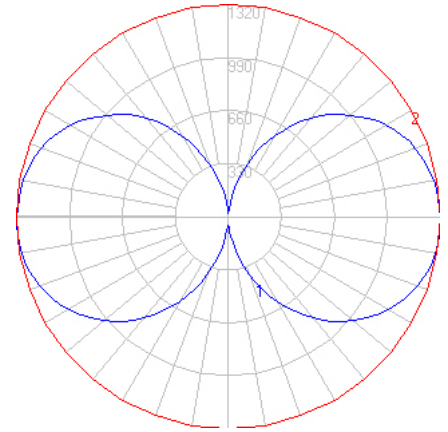
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BEGA

File: 50672K35_BEGA_IES.ies

TEST: BE_50672K4
TEST LAB: BEGA
DATE: 04/04/2018
LUMINAIRE: 50 672K35
LAMP: 105.6W LED

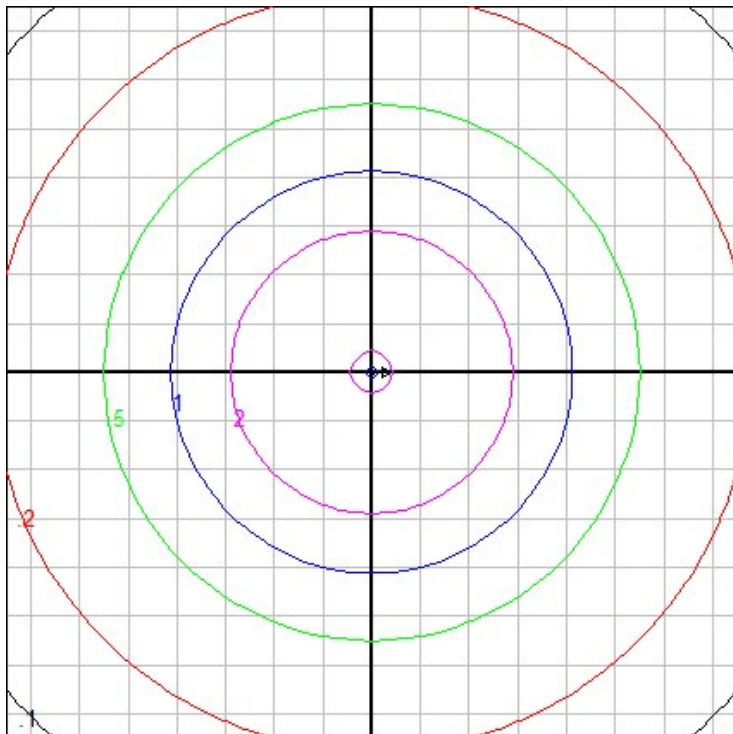


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	12812
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	107
Total Luminaire Watts	120
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)	0.62 ft (Diameter)
Luminous Height	5.25 ft

Zonal Lumen Summary

Zone	Lumens
0-10	10.82
10-20	81.00
20-30	234.86
30-40	455.45
40-50	712.78
50-60	972.04
60-70	1199.66
70-80	1360.65
80-90	1437.01
90-100	1430.07
100-110	1345.91
110-120	1185.01
120-130	954.85
130-140	694.42
140-150	438.40
150-160	220.81
160-170	71.47
170-180	7.01



Mounting Height: 10 ft.

Grid Spacing: 5 ft.

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

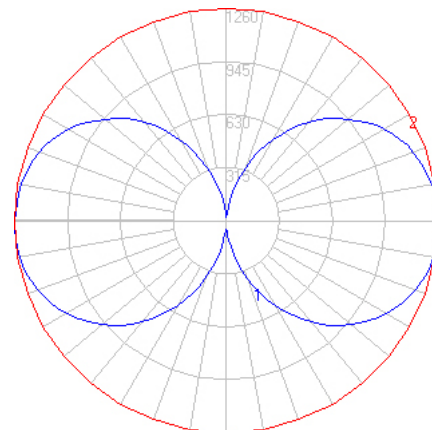
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BEGA

File: 50672K3_BEGA_IES.ies

TEST: BE_50672K4
 TEST LAB: BEGA
 DATE: 04/04/2018
 LUMINAIRE: 50 672K3
 LAMP: 105.6W LED

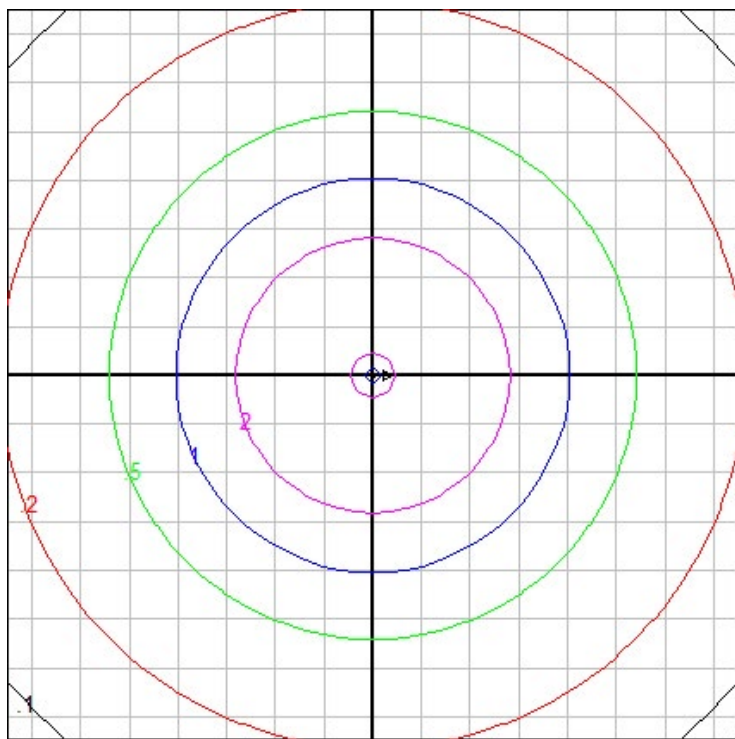


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	12230
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	102
Total Luminaire Watts	120
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)	0.62 ft (Diameter)
Luminous Height	5.25 ft

Zonal Lumen Summary

Zone	Lumens
0-10	10.33
10-20	77.32
20-30	224.18
30-40	434.74
40-50	680.38
50-60	927.86
60-70	1145.13
70-80	1298.81
80-90	1371.69
90-100	1365.07
100-110	1284.73
110-120	1131.15
120-130	911.44
130-140	662.86
140-150	418.47
150-160	210.77
160-170	68.22
170-180	6.69



Mounting Height: 10 ft.

Grid Spacing: 5 ft.

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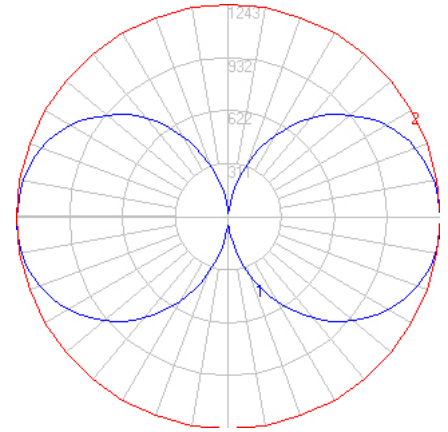
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BEGA

File: 50672K27_BEGA_IES.ies

TEST: BE_50672K4
TEST LAB: BEGA
DATE: 04/04/2018
LUMINAIRE: 50 672K27
LAMP: 105.6W LED

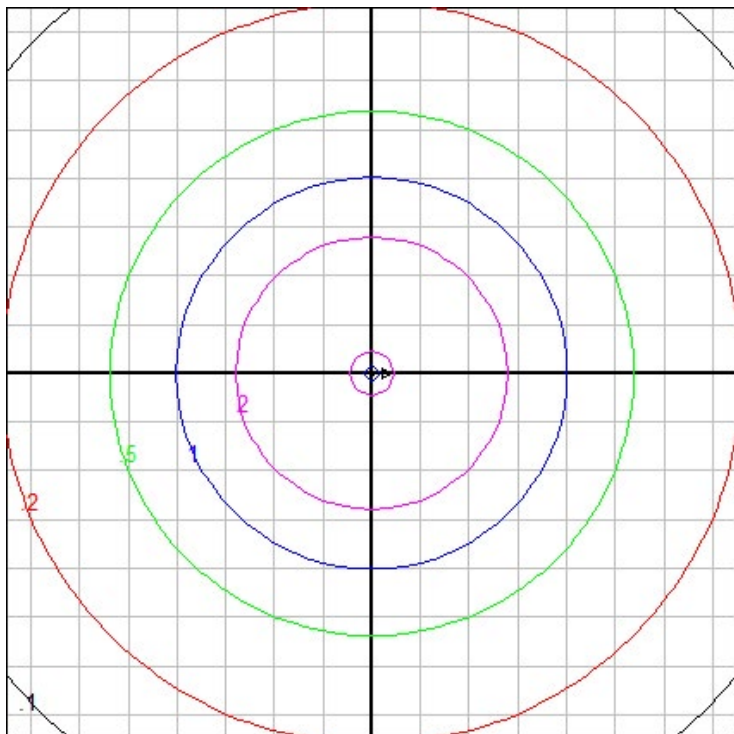


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	12062
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	101
Total Luminaire Watts	120
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)	0.62 ft (Diameter)
Luminous Height	5.25 ft

Zonal Lumen Summary

Zone	Lumens
0-10	10.18
10-20	76.25
20-30	221.10
30-40	428.76
40-50	671.02
50-60	915.10
60-70	1129.38
70-80	1280.94
80-90	1352.82
90-100	1346.29
100-110	1267.06
110-120	1115.59
120-130	898.91
130-140	653.74
140-150	412.72
150-160	207.87
160-170	67.28
170-180	6.60



Mounting Height: 10 ft.

Grid Spacing: 5 ft.

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