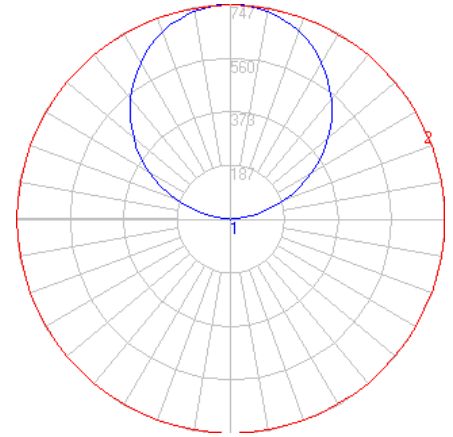


BEGA

Photometric Filename: 84157K4.IES

TEST: BE_84157K4
TEST LAB: BEGA
DATE: 10/2/2018
LUMINAIRE: 84 157K4
LAMP: 31.6W LED

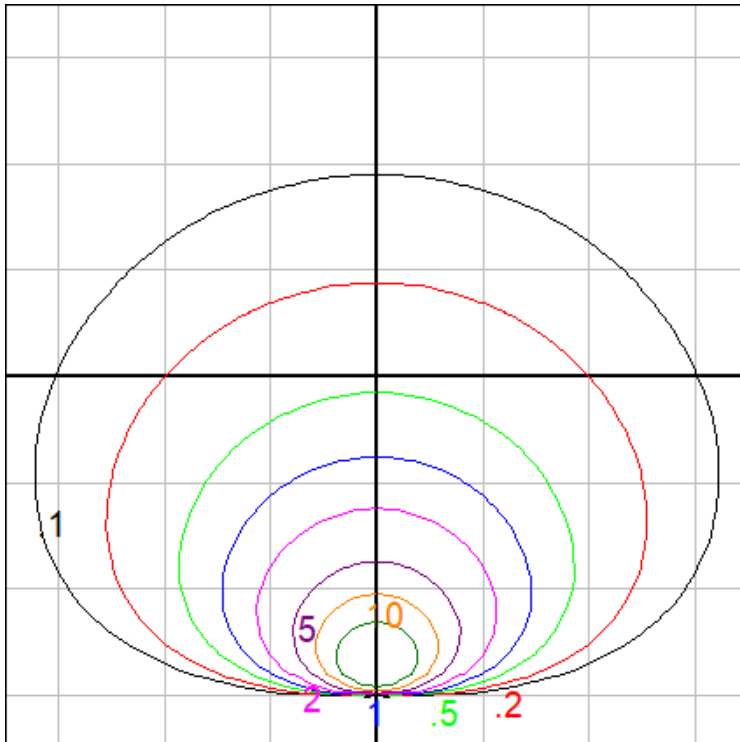


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2087
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating(LER)	59
Total Luminaire Watts	35.6
Ballast Factor	1.0
CIE Type	Indirect
Spacing Criterion(0-180)	N.A.
Spacing Criterion(90-270)	N.A.
Spacing Criterion(Diagonal)	N.A.
Basic Luminous Shape	Rectangular
Luminous Length(0-180)	0.13ft
Luminous Width(90-270)	3.23ft
Luminous Height	0.00ft

Zonal Lumen Summary

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.07
80-90	0.20
90-100	29.64
100-110	138.39
110-120	254.79
120-130	339.24
130-140	378.35
140-150	367.16
150-160	305.90
160-170	202.36
170-180	70.64



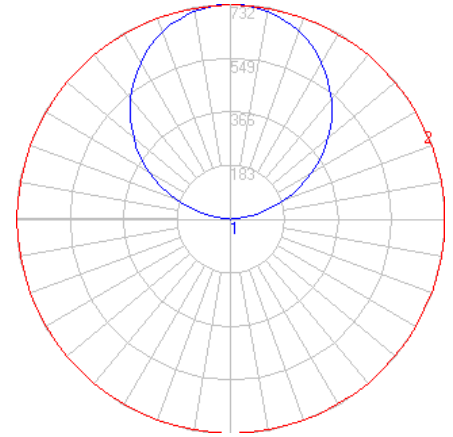
Fixture Setback = 2 ft. Grid Spacing = 5 ft.

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

BEGA

Photometric Filename: 84157K35.IES

TEST: BE_84157K4
 TEST LAB: BEGA
 DATE: 10/2/2018
 LUMINAIRE: 84 157K35
 LAMP: 31.6W LED

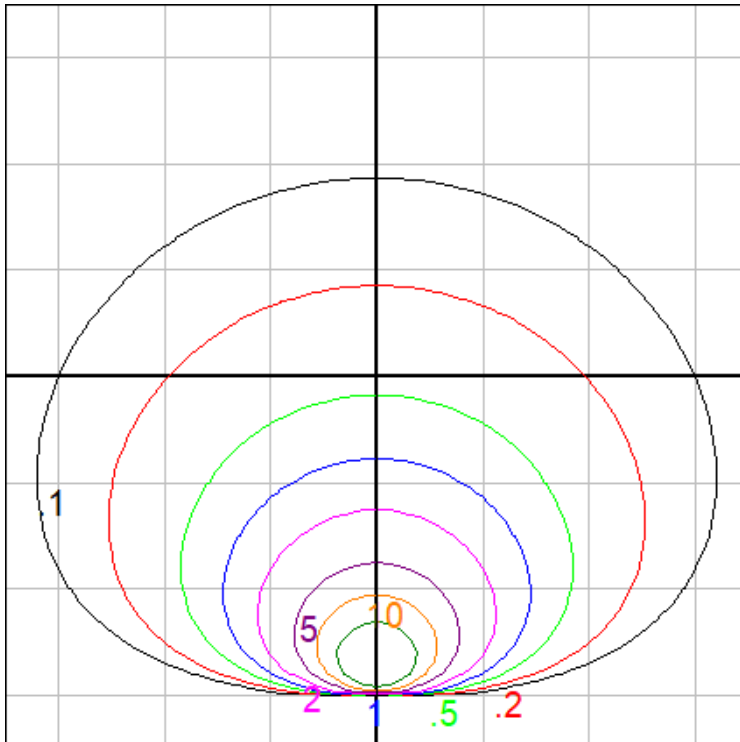


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2045
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating(LER)	57
Total Luminaire Watts	35.6
Ballast Factor	1.0
CIE Type	Indirect
Spacing Criterion(0-180)	N.A.
Spacing Criterion(90-270)	N.A.
Spacing Criterion(Diagonal)	N.A.
Basic Luminous Shape	Rectangular
Luminous Length(0-180)	0.13ft
Luminous Width(90-270)	3.23ft
Luminous Height	0.00ft

Zonal Lumen Summary

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.07
80-90	0.19
90-100	29.05
100-110	135.62
110-120	249.69
120-130	332.45
130-140	370.79
140-150	359.82
150-160	299.78
160-170	198.31
170-180	69.23



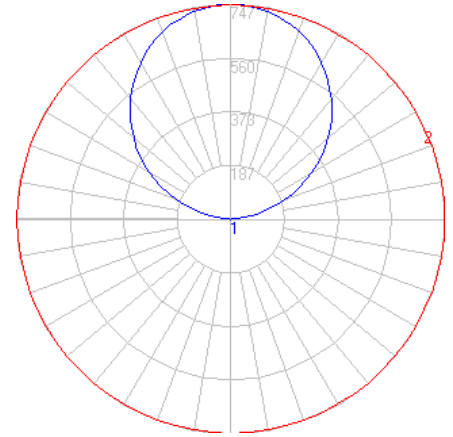
Fixture Setback = 2 ft. Grid Spacing = 5 ft.

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

BEGA

Photometric Filename: 84157K3.IES

TEST: BE_84157K4
 TEST LAB: BEGA
 DATE: 10/2/2018
 LUMINAIRE: 84 157K3
 LAMP: 31.6W LED

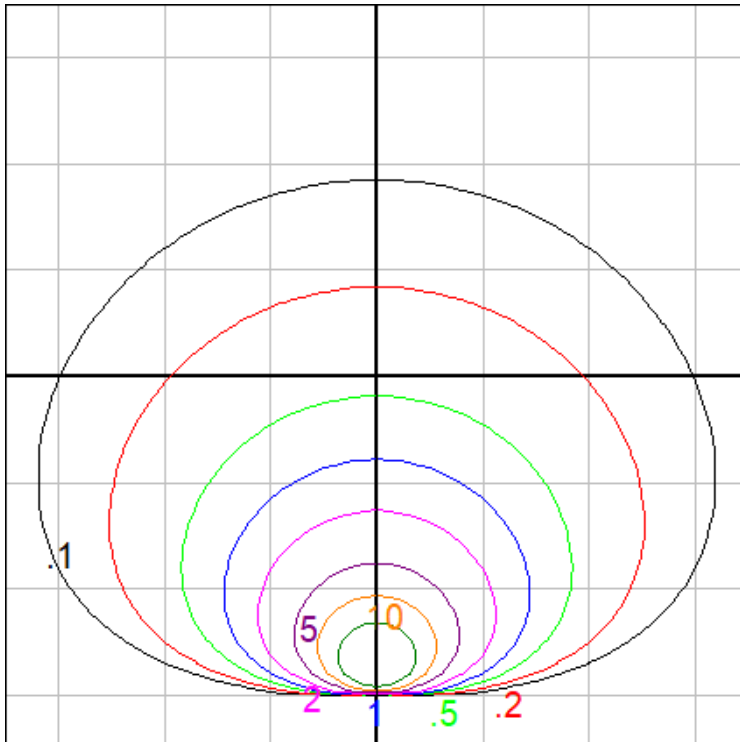


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2024
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating(LER)	57
Total Luminaire Watts	35.6
Ballast Factor	1.0
CIE Type	Indirect
Spacing Criterion(0-180)	N.A.
Spacing Criterion(90-270)	N.A.
Spacing Criterion(Diagonal)	N.A.
Basic Luminous Shape	Rectangular
Luminous Length(0-180)	0.13ft
Luminous Width(90-270)	3.23ft
Luminous Height	0.00ft

Zonal Lumen Summary

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.07
80-90	0.19
90-100	28.75
100-110	134.24
110-120	247.15
120-130	329.06
130-140	367.00
140-150	356.15
150-160	296.72
160-170	196.29
170-180	68.52



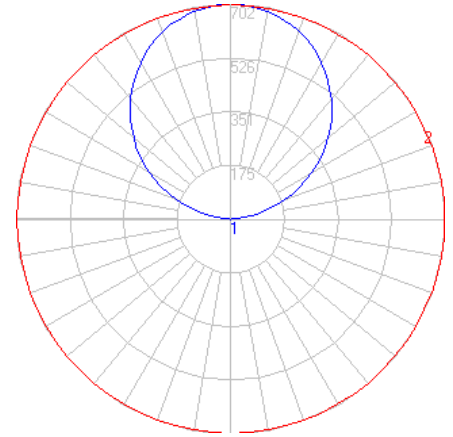
Fixture Setback = 2 ft. Grid Spacing = 5 ft.

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

BEGA

Photometric Filename: 84157K27.IES

TEST: BE_84157K4
 TEST LAB: BEGA
 DATE: 10/2/2018
 LUMINAIRE: 84 157K27
 LAMP: 31.6W LED

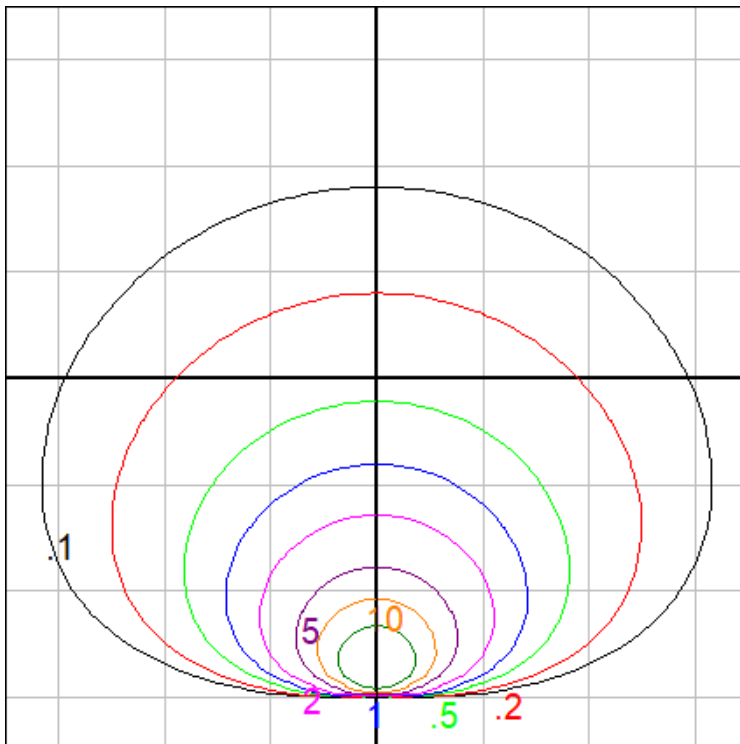


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1962
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating(LER)	55
Total Luminaire Watts	35.6
Ballast Factor	1.0
CIE Type	Indirect
Spacing Criterion(0-180)	N.A.
Spacing Criterion(90-270)	N.A.
Spacing Criterion(Diagonal)	N.A.
Basic Luminous Shape	Rectangular
Luminous Length(0-180)	0.13ft
Luminous Width(90-270)	3.23ft
Luminous Height	0.00ft

Zonal Lumen Summary

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.07
80-90	0.19
90-100	27.86
100-110	130.09
110-120	239.50
120-130	318.88
130-140	355.65
140-150	345.13
150-160	287.54
160-170	190.22
170-180	66.40



Fixture Setback = 2 ft. Grid Spacing = 5 ft.

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