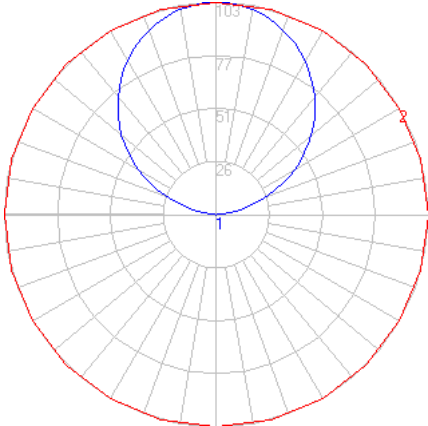


BEGA

TEST: BE_84454K4
TEST LAB: BEGA
DATE: 12/12/2019
LUMINAIRE: 84 454K4
LAMP: 3.9W LED

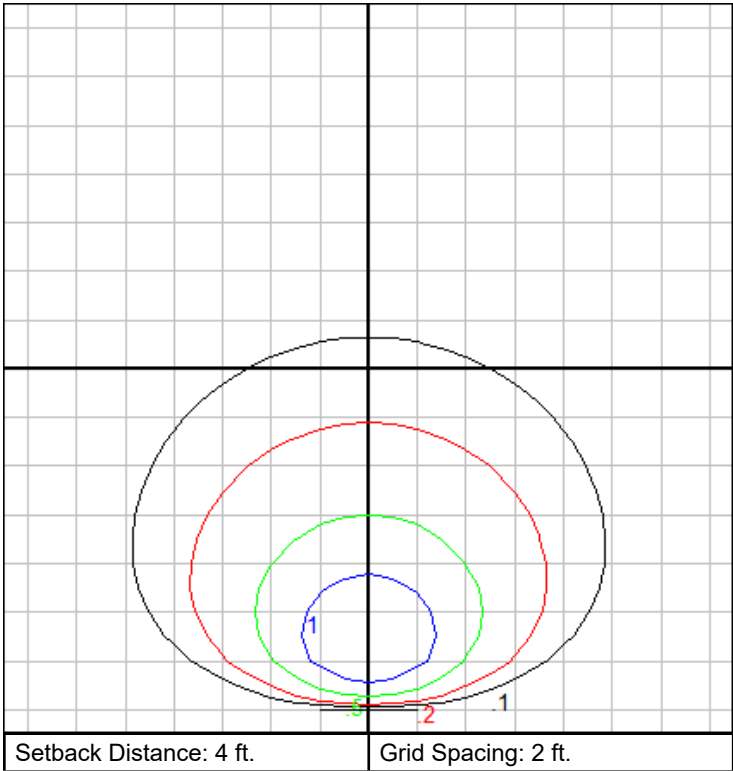


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	286
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	48
Total Luminaire Watts	6
Ballast Factor	1.00
CIE Type	Indirect
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.51 ft (Diameter)
Luminous Height	0.00 ft

Zonal Lumen Summary

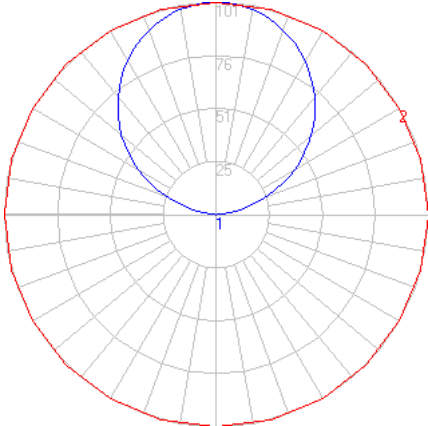
Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.00
90-100	4.06
100-110	19.00
110-120	34.98
120-130	46.57
130-140	51.90
140-150	50.24
150-160	41.85
160-170	27.75
170-180	9.71



Setback Distance: 4 ft. Grid Spacing: 2 ft.

BEGA

TEST: BE_84454K4
TEST LAB: BEGA
DATE: 12/12/2019
LUMINAIRE: 84 454K35
LAMP: 3.9W LED

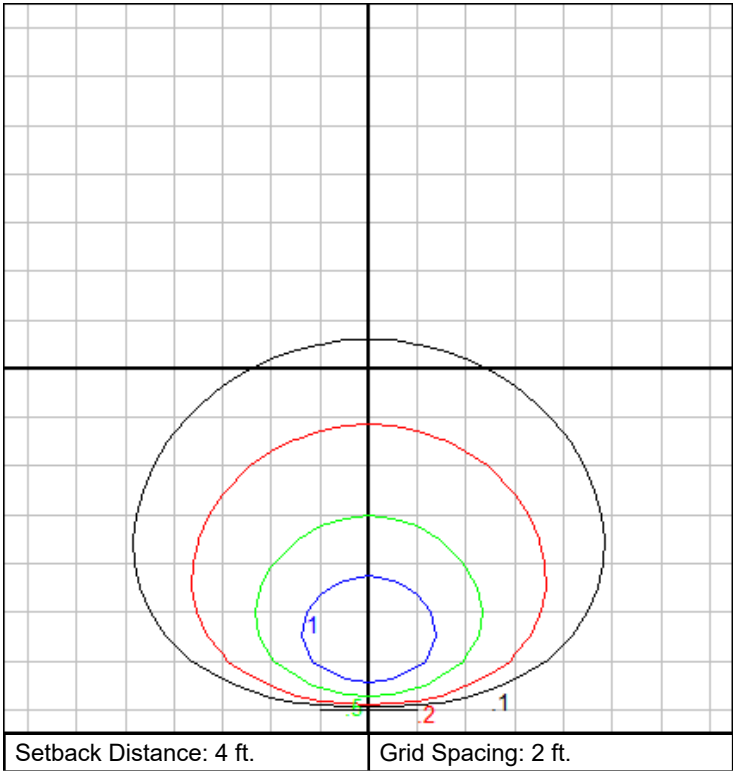


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	282
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	47
Total Luminaire Watts	6
Ballast Factor	1.00
CIE Type	Indirect
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.51 ft (Diameter)
Luminous Height	0.00 ft

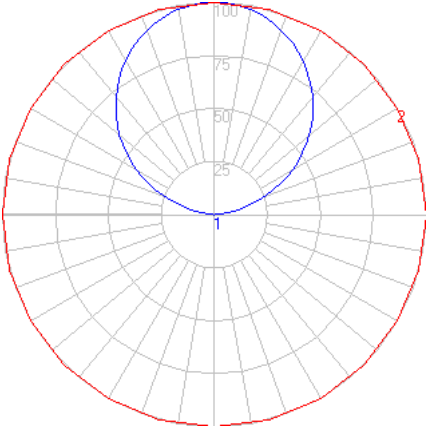
Zonal Lumen Summary

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	0.00
80-90	0.00
90-100	4.01
100-110	18.76
110-120	34.53
120-130	45.97
130-140	51.23
140-150	49.58
150-160	41.31
160-170	27.39
170-180	9.58



BEGA

TEST: BE_84454K4
TEST LAB: BEGA
DATE: 12/12/2019
LUMINAIRE: 84 454K3
LAMP: 3.9W LED

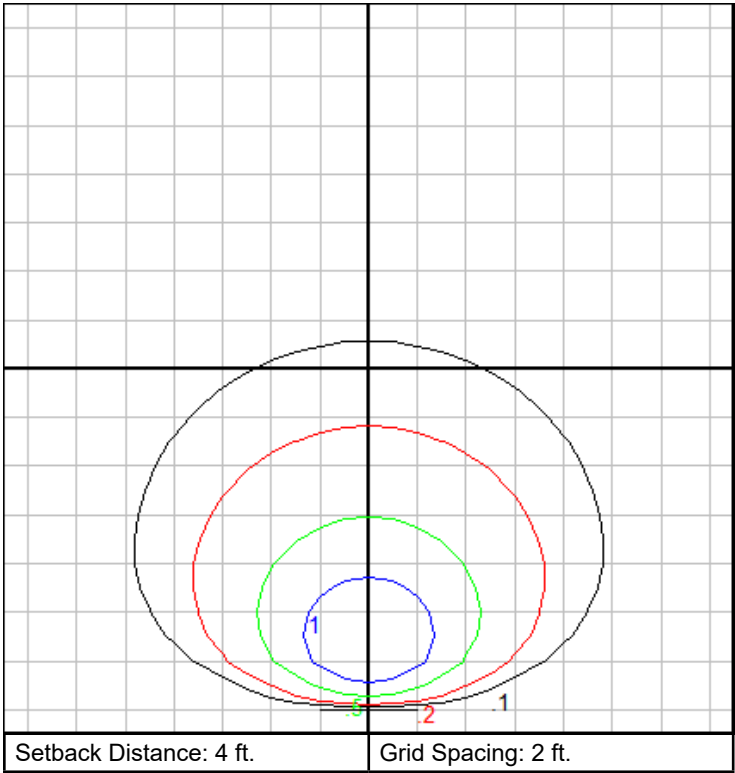


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	279
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	46
Total Luminaire Watts	6
Ballast Factor	1.00
CIE Type	Indirect
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.51 ft (Diameter)
Luminous Height	0.00 ft

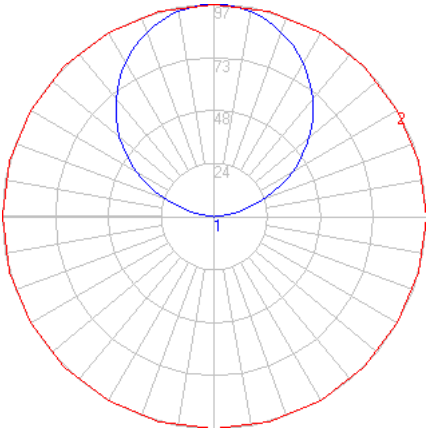
Zonal Lumen Summary

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	0.00
80-90	0.00
90-100	3.96
100-110	18.51
110-120	34.07
120-130	45.36
130-140	50.55
140-150	48.93
150-160	40.77
160-170	27.03
170-180	9.46



BEGA

TEST: BE_84454K4
TEST LAB: BEGA
DATE: 12/12/2019
LUMINAIRE: 84 454K27
LAMP: 3.9W LED



Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	269
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	45
Total Luminaire Watts	6
Ballast Factor	1.00
CIE Type	Indirect
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.51 ft (Diameter)
Luminous Height	0.00 ft

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	0.00
80-90	0.00
90-100	3.83
100-110	17.89
110-120	32.94
120-130	43.85
130-140	48.87
140-150	47.30
150-160	39.41
160-170	26.13
170-180	9.14

