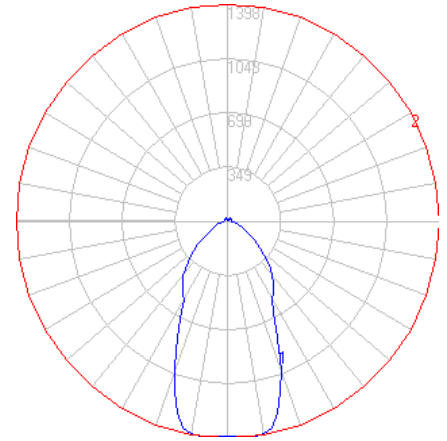


BEGA

Photometric Filename: 66057K4.IES

TEST: BE_66057K4
TEST LAB: BEGA
DATE: 4/10/2017
LUMINAIRE: 66 057K4
LAMP: 15.5W LED

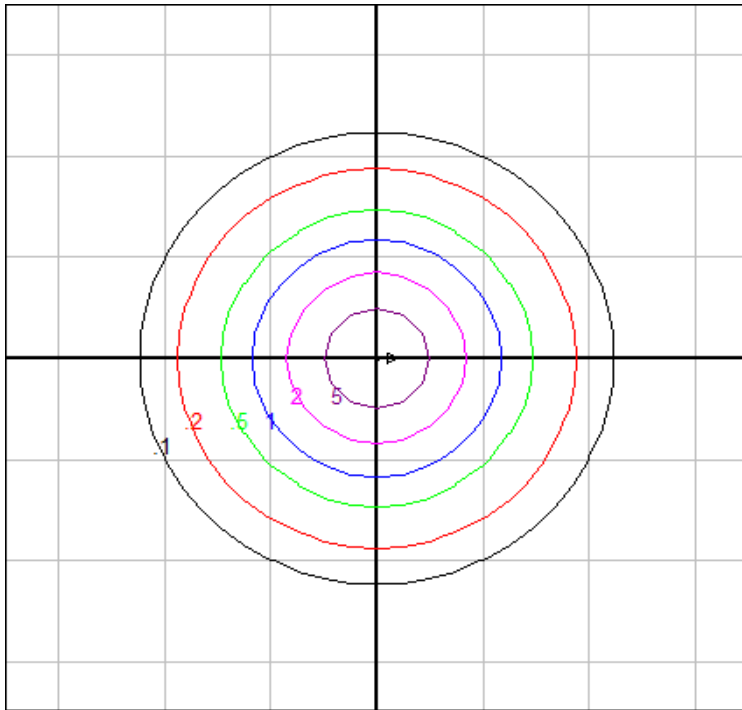


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1985
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	107
Total Luminaire Watts	18.5
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.84
Spacing Criterion (90-270)	0.84
Spacing Criterion (Diagonal)	0.88
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.19 ft (Diameter)
Luminous Height	0.03 ft

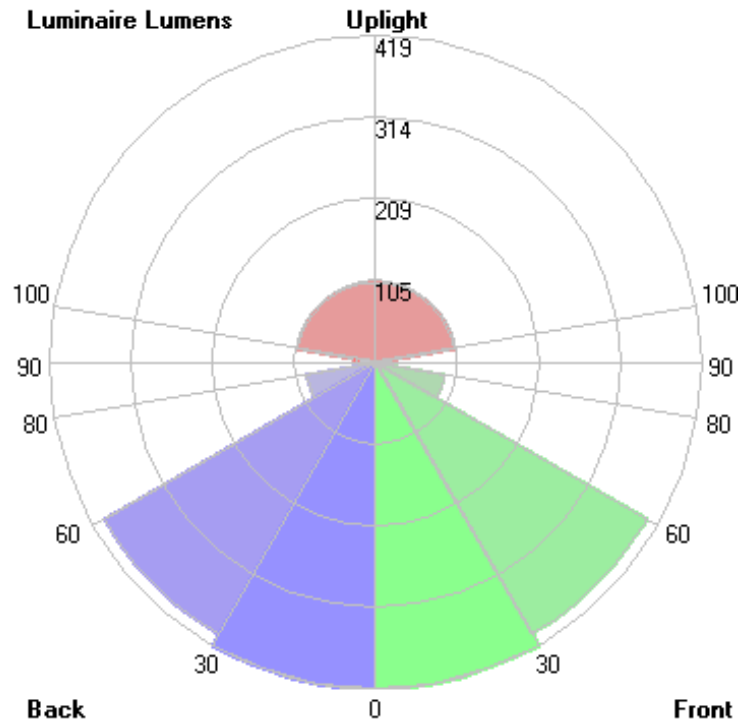
Zonal Lumen Summary

Zone	Lumens
0-10	133.20
10-20	350.03
20-30	354.72
30-40	327.28
40-50	286.39
50-60	190.36
60-70	113.68
70-80	66.89
80-90	37.20
90-100	24.11
100-110	22.25
110-120	21.81
120-130	18.51
130-140	15.39
140-150	13.11
150-160	8.11
160-170	2.02
170-180	0.11



Mounting Height = 12 ft. Grid Spacing = 10 ft.

Luminaire Lumens



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

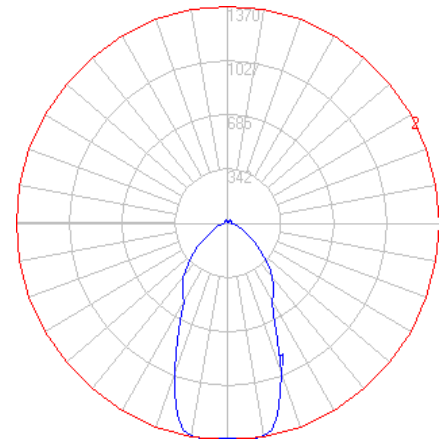
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BEGA

Photometric Filename: 66057K35.IES

TEST: BE_66057K4
 TEST LAB: BEGA
 DATE: 4/10/2017
 LUMINAIRE: 66 057K35
 LAMP: 15.5W LED

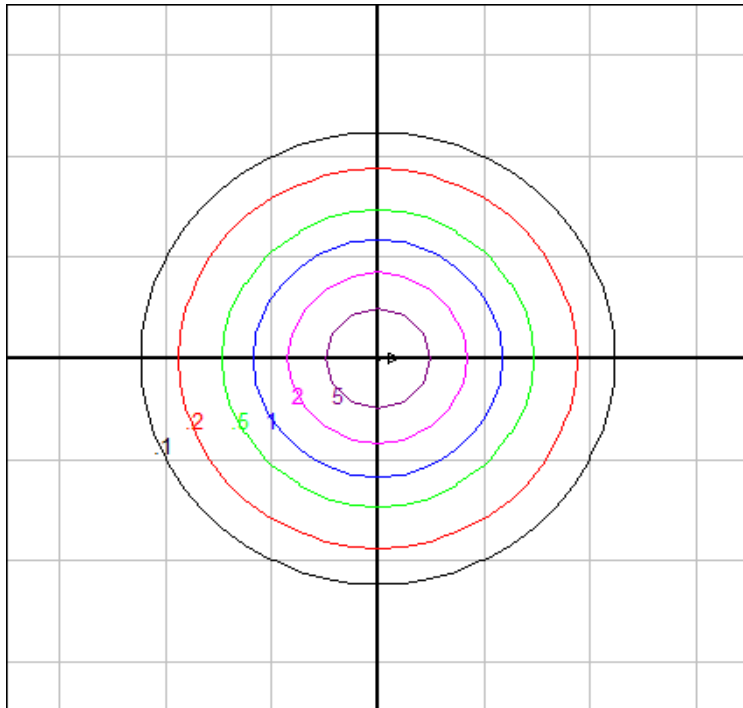


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1945
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	107
Total Luminaire Watts	18.5
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.84
Spacing Criterion (90-270)	0.84
Spacing Criterion (Diagonal)	0.88
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.19 ft (Diameter)
Luminous Height	0.03 ft

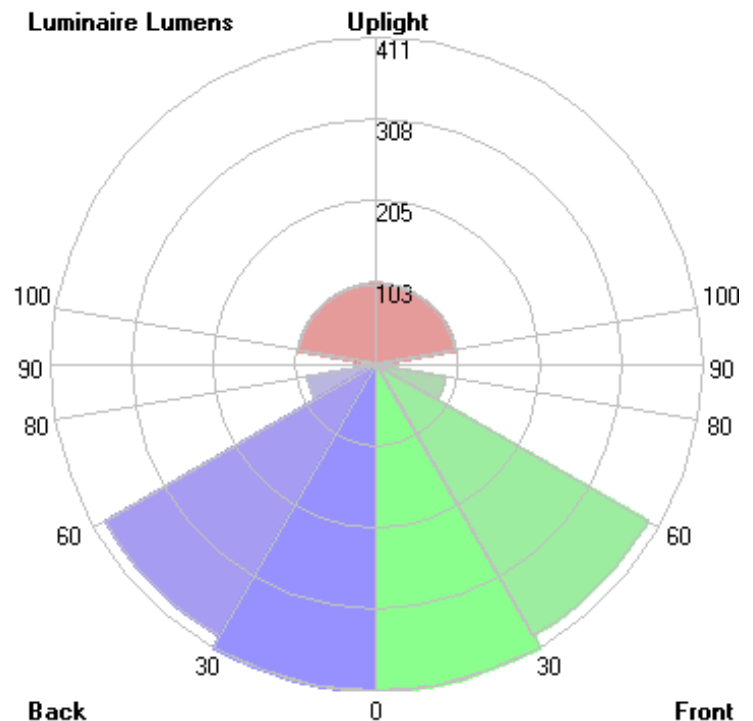
Zonal Lumen Summary

Zone	Lumens
0-10	130.54
10-20	343.03
20-30	347.63
30-40	320.73
40-50	280.67
50-60	186.55
60-70	111.41
70-80	65.55
80-90	36.45
90-100	23.62
100-110	21.80
110-120	21.37
120-130	18.14
130-140	15.08
140-150	12.85
150-160	7.94
160-170	1.98
170-180	0.11



Mounting Height = 12 ft. Grid Spacing = 10 ft.

Luminaire Lumens



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

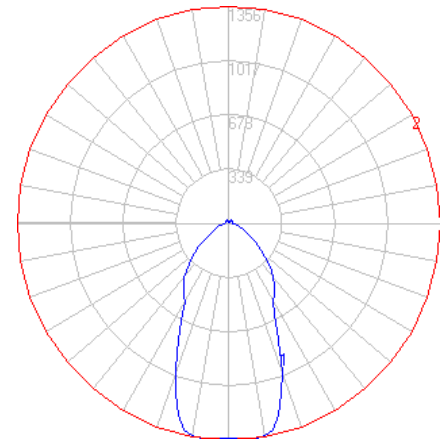
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Photometric Filename: 66057K3.IES

TEST: BE_66057K4
 TEST LAB: BEGA
 DATE: 4/10/2017
 LUMINAIRE: 66 057K3
 LAMP: 15.5W LED

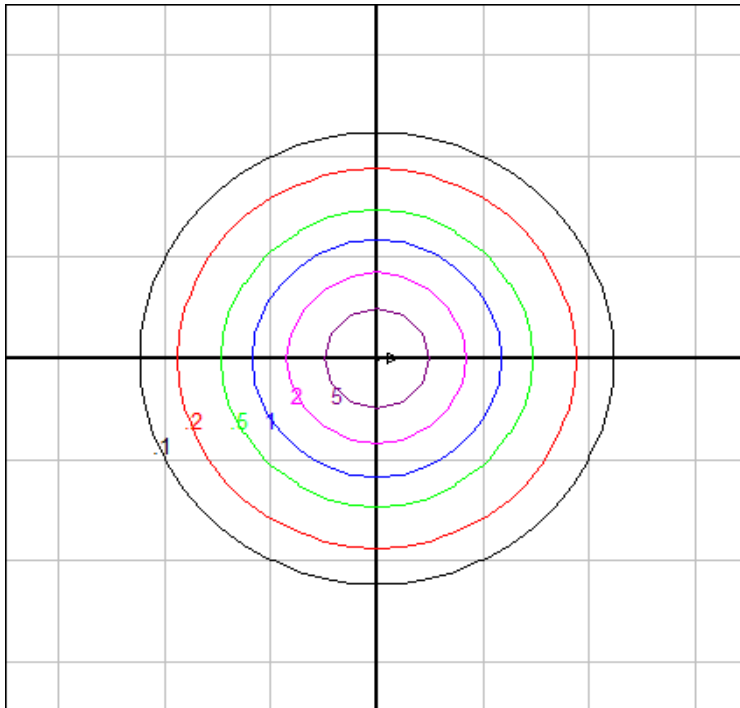


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1926
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	106
Total Luminaire Watts	18.5
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.84
Spacing Criterion (90-270)	0.84
Spacing Criterion (Diagonal)	0.88
Basic Luminaire Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.19 ft (Diameter)
Luminous Height	0.03 ft

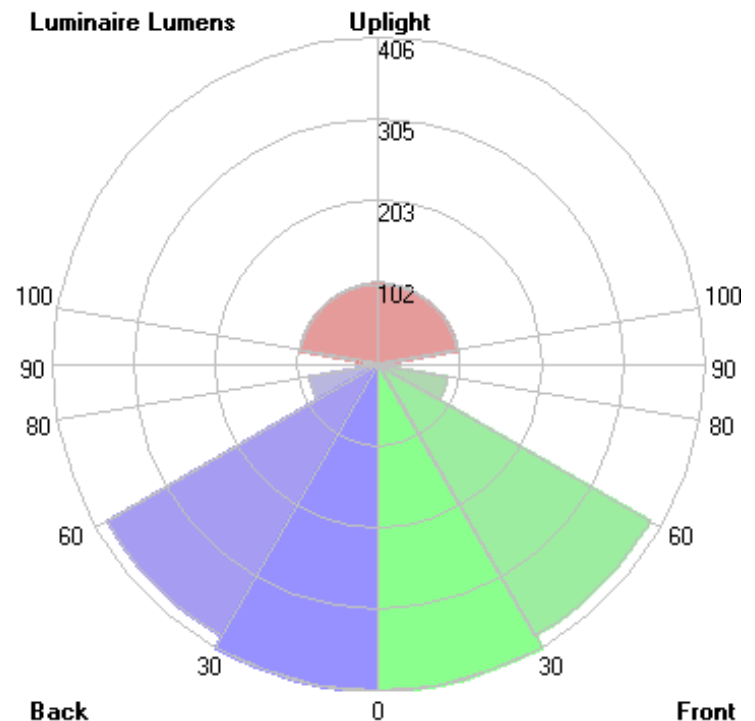
Zonal Lumen Summary

Zone	Lumens
0-10	129.20
10-20	339.53
20-30	344.08
30-40	317.46
40-50	277.80
50-60	184.65
60-70	110.27
70-80	64.88
80-90	36.08
90-100	23.38
100-110	21.58
110-120	21.15
120-130	17.95
130-140	14.93
140-150	12.71
150-160	7.86
160-170	1.96
170-180	0.11



Mounting Height = 12 ft. Grid Spacing = 10 ft.

Luminaire Lumens



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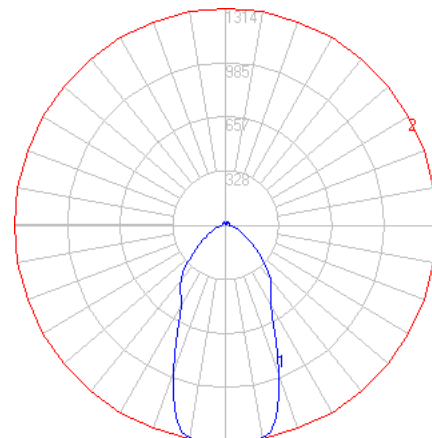
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Photometric Filename: 66057K27.IES

TEST: BE_66057K4
 TEST LAB: BEGA
 DATE: 4/10/2017
 LUMINAIRE: 66 057K27
 LAMP: 15.5W LED

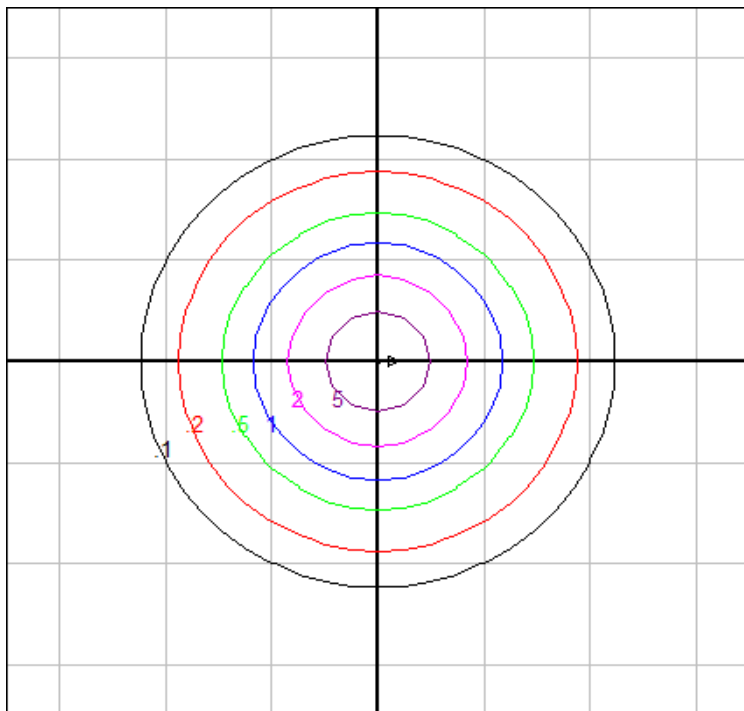


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1866
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	103
Total Luminaire Watts	18.5
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.84
Spacing Criterion (90-270)	0.84
Spacing Criterion (Diagonal)	0.88
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.19 ft (Diameter)
Luminous Height	0.03 ft

Zonal Lumen Summary

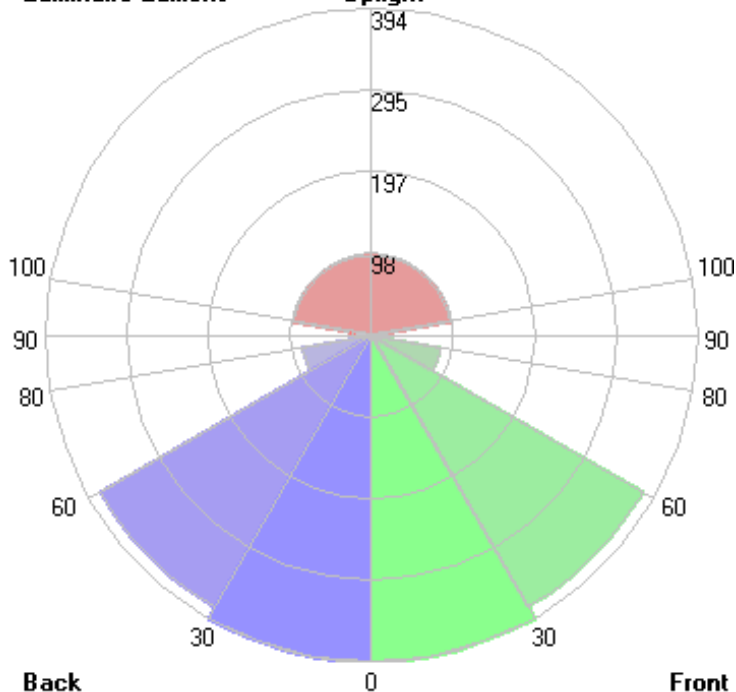
Zone	Lumens
0-10	125.21
10-20	329.03
20-30	333.44
30-40	307.64
40-50	269.21
50-60	178.94
60-70	106.86
70-80	62.88
80-90	34.96
90-100	22.66
100-110	20.91
110-120	20.50
120-130	17.40
130-140	14.47
140-150	12.32
150-160	7.62
160-170	1.90
170-180	0.11



Mounting Height = 12 ft. Grid Spacing = 10 ft.

Luminaire Lumens

Uplight



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

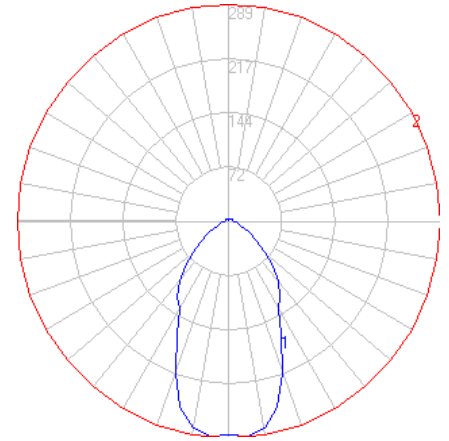
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BEGA

Photometric Filename: 66057AMB.IES

TEST: L121804105
 TEST LAB: Light Laboratory Inc.
 DATE: 1/11/2019
 LUMINAIRE: 66 057 Amber
 LAMP: 18.0W LED

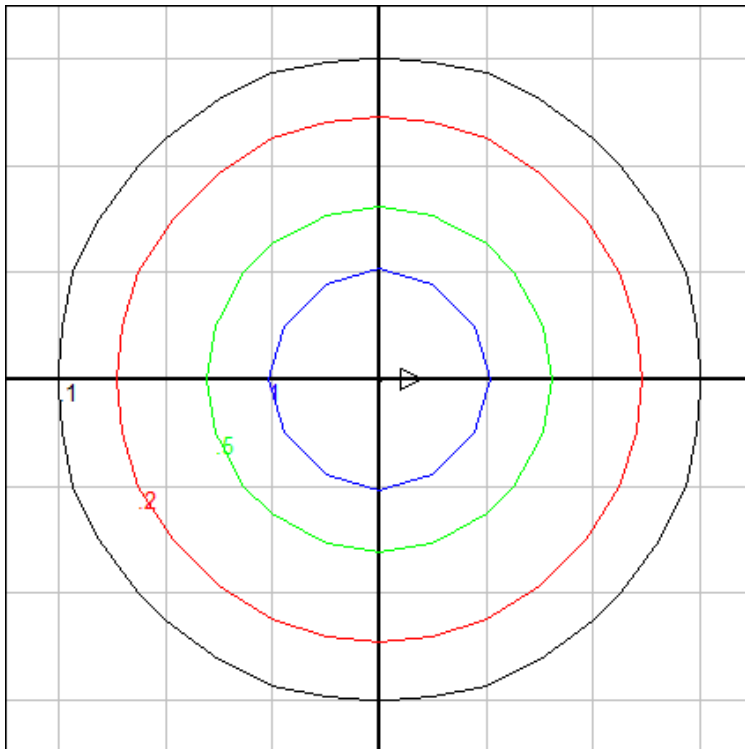


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	434
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	20
Total Luminaire Watts	21.3
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.86
Spacing Criterion (90-270)	0.86
Spacing Criterion (Diagonal)	0.96
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.23 ft (Diameter)
Luminous Width (90-270)	0.23 ft (Diameter)
Luminous Height	0.73 ft

Zonal Lumen Summary

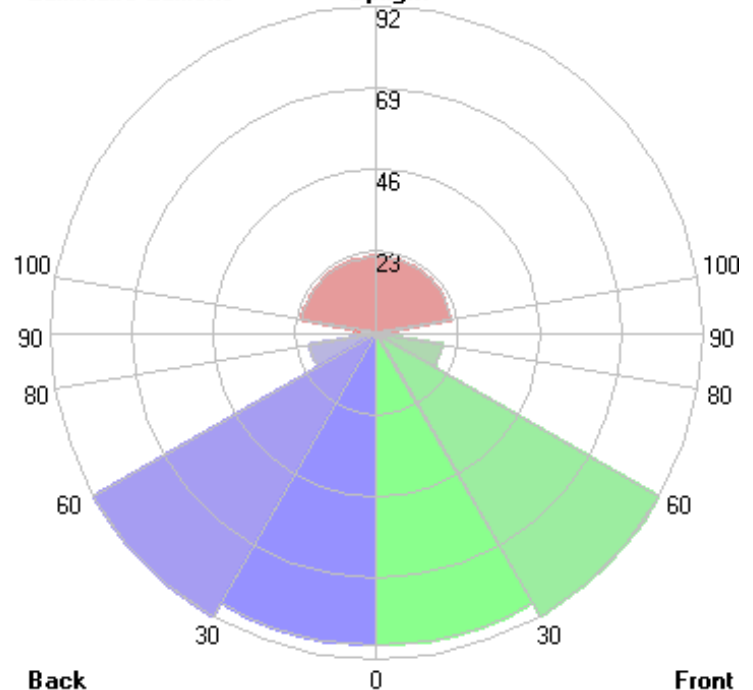
Zone	Lumens
0-10	27.22
10-20	70.66
20-30	78.37
30-40	76.20
40-50	65.76
50-60	42.57
60-70	24.18
70-80	13.70
80-90	8.54
90-100	5.67
100-110	4.77
110-120	4.69
120-130	4.08
130-140	3.11
140-150	2.34
150-160	1.54
160-170	0.72
170-180	0.15



Mounting Height = 12 ft. Grid Spacing = 5 ft.

Luminaire Lumens

Uplight



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