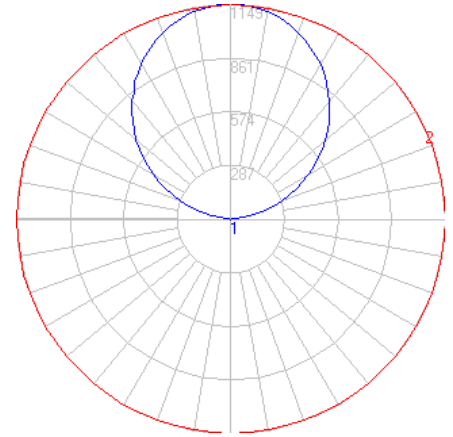


BEGA

Photometric Filename: 84158K4.IES

TEST: BE_84158K4
TEST LAB: BEGA
DATE: 11/12/2018
LUMINAIRE: 84 158K4
LAMP: 47.4W LED

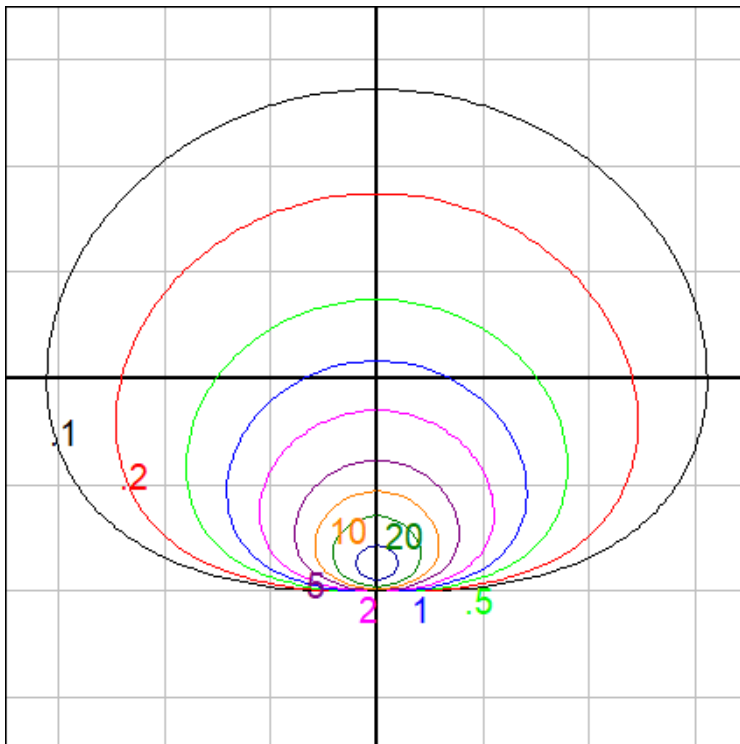


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3213
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating(LER)	59
Total Luminaire Watts	54
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)	0.04ft
Luminous Width(90-270)	1.48ft
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	0.00
80-90	0.05
90-100	45.49
100-110	213.93
110-120	393.33
120-130	523.28
130-140	582.82
140-150	564.40
150-160	469.54
160-170	310.92
170-180	180.72



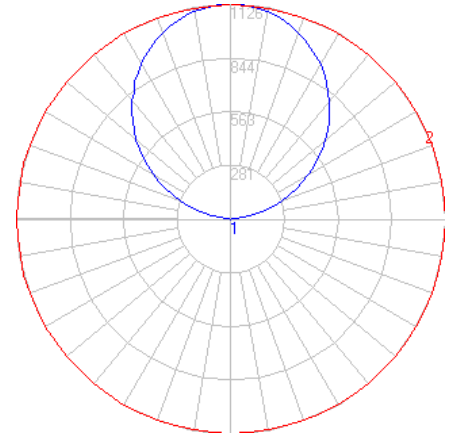
Fixture Setback = 2.0 ft Grid Spacing = 6 ft.

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

BEGA

Photometric Filename: 84158K35.IES

TEST: BE_84158K4
 TEST LAB: BEGA
 DATE: 11/12/2018
 LUMINAIRE: 84 158K35
 LAMP: 47.4W LED

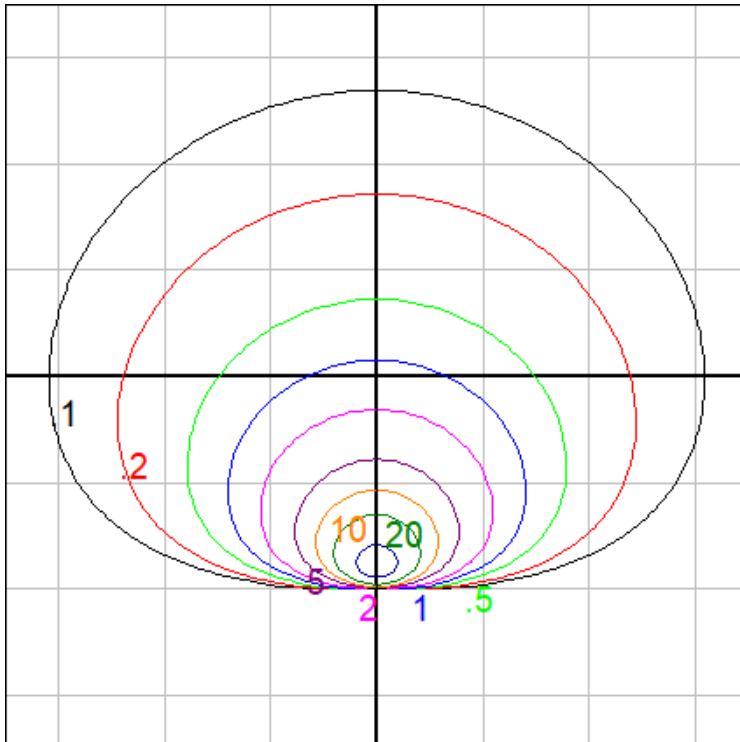


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3148
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating(LER)	58
Total Luminaire Watts	54
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)	0.04ft
Luminous Width(90-270)	1.48ft
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	0.00
80-90	0.05
90-100	44.68
100-110	209.66
110-120	385.46
120-130	512.81
130-140	571.16
140-150	553.11
150-160	460.15
160-170	304.70
170-180	106.55



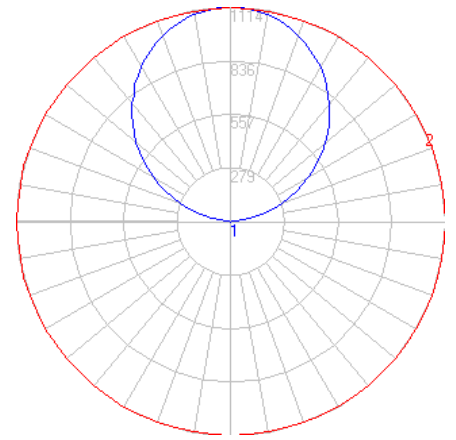
Fixture Setback = 2.0 ft Grid Spacing = 6 ft.

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

BEGA

Photometric Filename: 84158K3.IES

TEST: BE_84158K4
 TEST LAB: BEGA
 DATE: 11/12/2018
 LUMINAIRE: 84 158K3
 LAMP: 47.4W LED

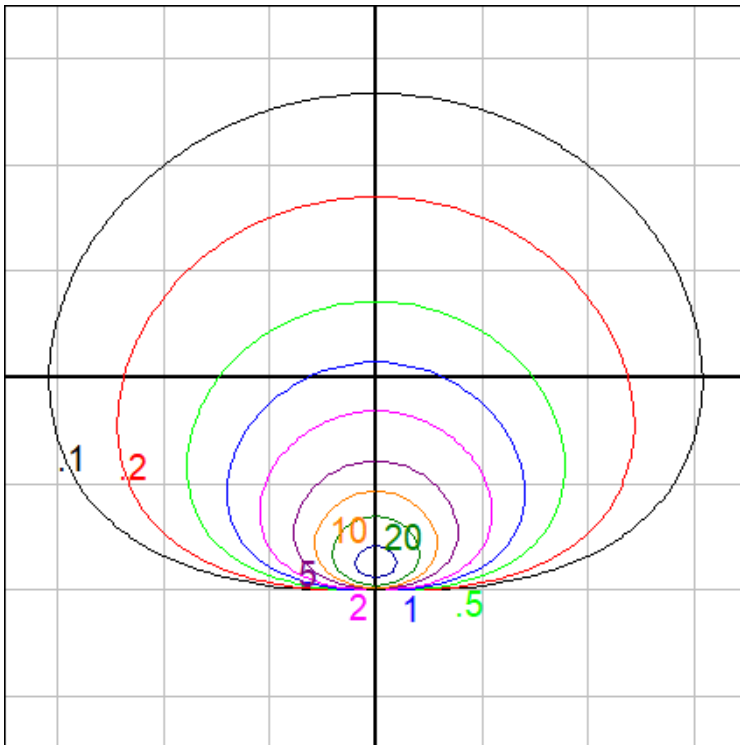


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3116
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating(LER)	58
Total Luminaire Watts	54
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)	0.04ft
Luminous Width(90-270)	1.48ft
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	0.00
80-90	0.05
90-100	44.23
100-110	207.52
110-120	381.53
120-130	507.58
130-140	565.33
140-150	547.47
150-160	455.46
160-170	301.59
170-180	105.46



Fixture Setback = 2.0 ft Grid Spacing = 6 ft.

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

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8/1/2019

