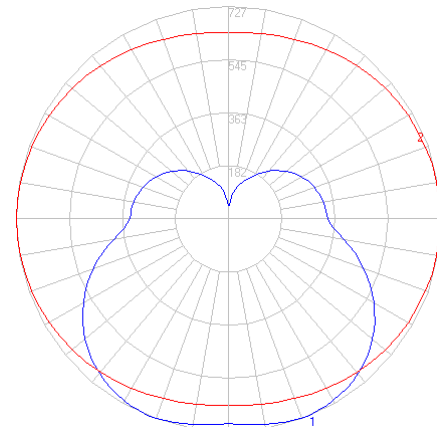


BEGA

Photometric Filename:
24116K4_BEGA_IES.ies

TEST: BE_24116K4
TEST LAB: BEGA
DATE: 11/23/2018
LUMINAIRE: 24 116K4
LAMP: 22.2W LED



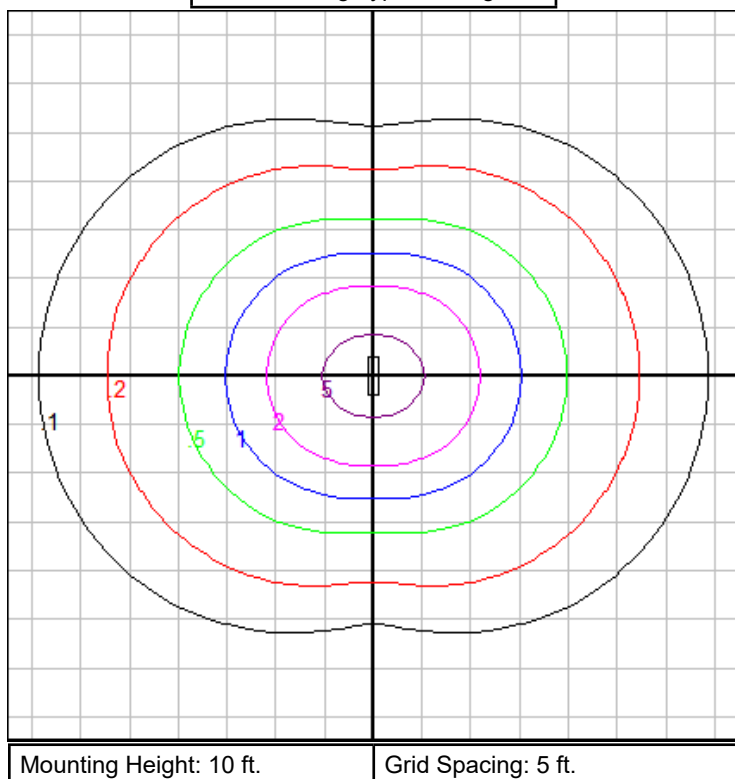
Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3929
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	127
Total Luminaire Watts	31
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.54
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.56
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	0.39 ft
Luminous Width (90-270)	3.05 ft
Luminous Height	0.26 ft

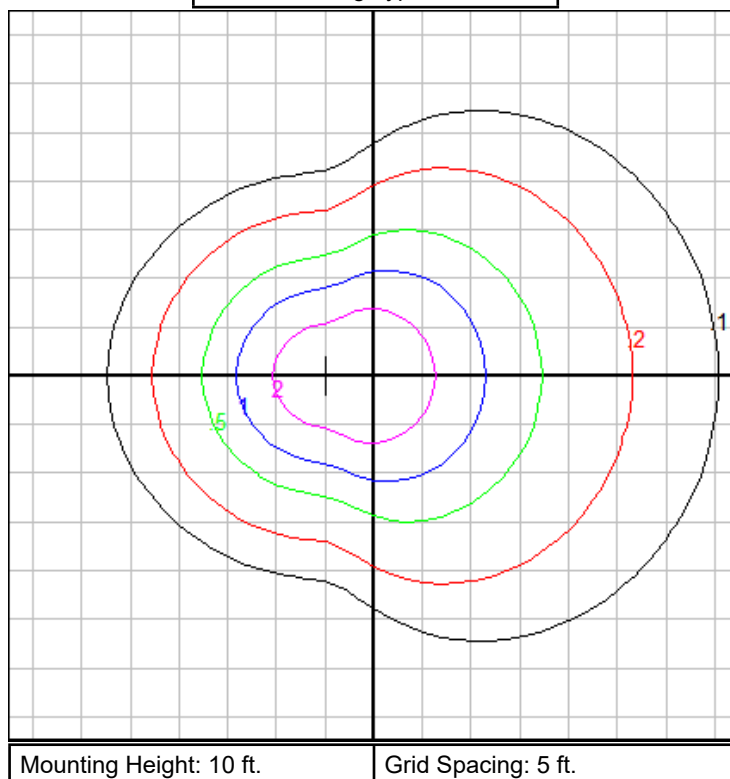
Zonal Lumen Summary

Zone	Lumens
0-10	66.90
10-20	197.60
20-30	313.83
30-40	401.66
40-50	450.80
50-60	455.22
60-70	414.33
70-80	336.00
80-90	251.53
90-100	219.63
100-110	206.02
110-120	183.06
120-130	152.25
130-140	117.08
140-150	81.86
150-160	51.08
160-170	24.76
170-180	5.63

Mounting Type: Ceiling



Mounting Type: Wall

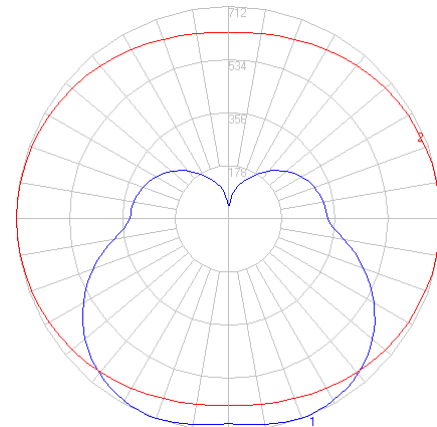


BEGA

Photometric Filename:

24116K35_BEGA_IES.ies

TEST: BE_24116K4
 TEST LAB: BEGA
 DATE: 11/23/2018
 LUMINAIRE: 24 116K35
 LAMP: 22.2W LED



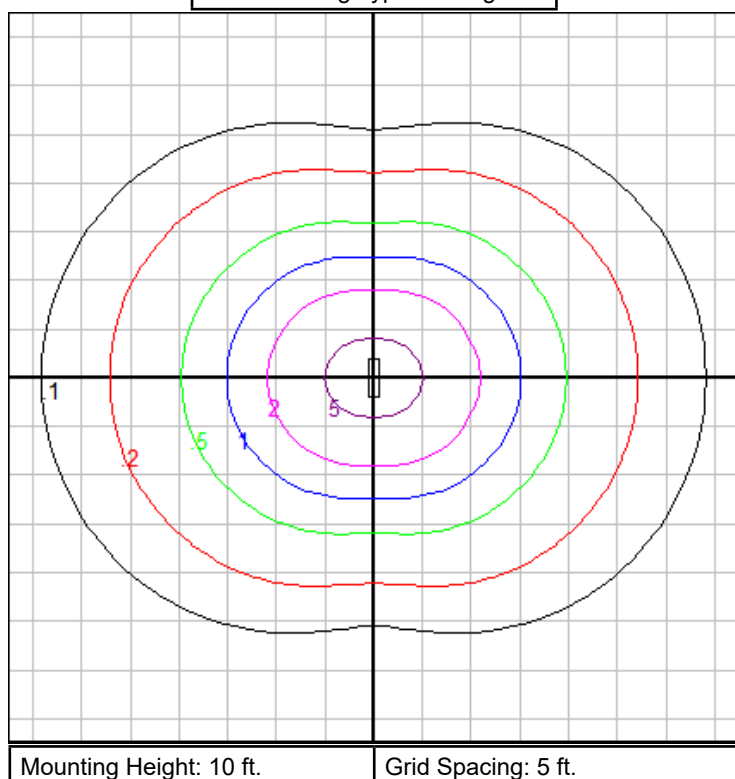
Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3851
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	124
Total Luminaire Watts	31
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.54
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.56
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	0.39 ft
Luminous Width (90-270)	3.05 ft
Luminous Height	0.26 ft

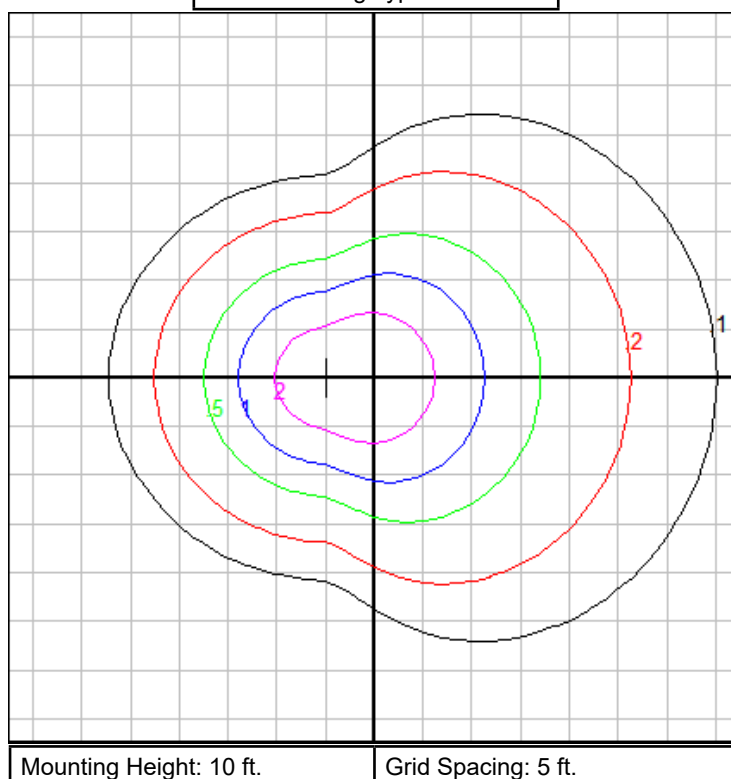
Zonal Lumen Summary

Zone	Lumens
0-10	65.56
10-20	193.65
20-30	307.55
30-40	393.63
40-50	441.78
50-60	446.11
60-70	406.05
70-80	329.28
80-90	246.50
90-100	215.24
100-110	201.90
110-120	179.40
120-130	149.20
130-140	114.74
140-150	80.22
150-160	50.06
160-170	24.27
170-180	5.52

Mounting Type: Ceiling



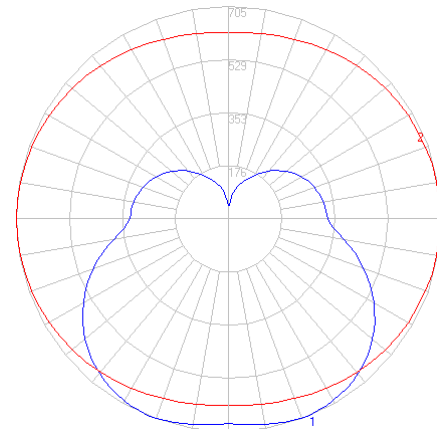
Mounting Type: Wall



BEGA

Photometric Filename:
24116K3_BEGA_IES.ies

TEST: BE_24116K4
TEST LAB: BEGA
DATE: 11/23/2018
LUMINAIRE: 24 116K3
LAMP: 22.2W LED



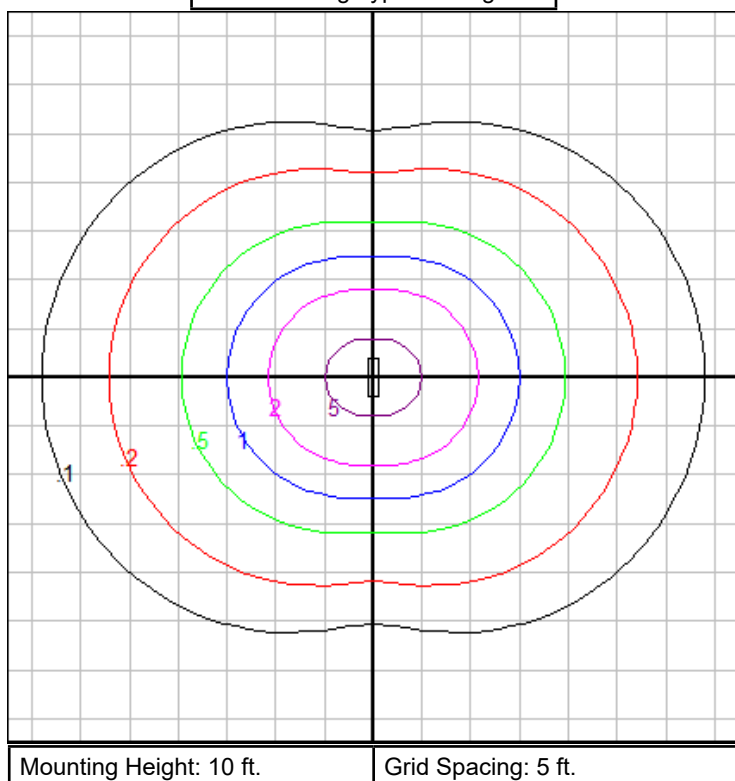
Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3811
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	123
Total Luminaire Watts	31
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.54
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.56
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	0.39 ft
Luminous Width (90-270)	3.05 ft
Luminous Height	0.26 ft

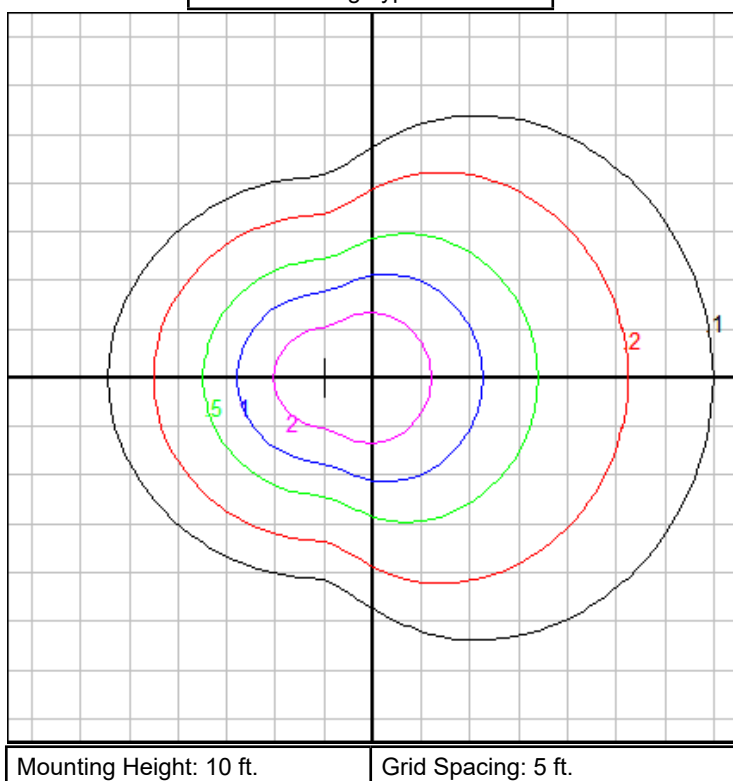
Zonal Lumen Summary

Zone	Lumens
0-10	64.89
10-20	191.67
20-30	304.41
30-40	389.61
40-50	437.27
50-60	441.56
60-70	401.90
70-80	325.92
80-90	243.98
90-100	213.04
100-110	199.84
110-120	177.57
120-130	147.68
130-140	113.57
140-150	79.40
150-160	49.55
160-170	24.02
170-180	5.46

Mounting Type: Ceiling



Mounting Type: Wall

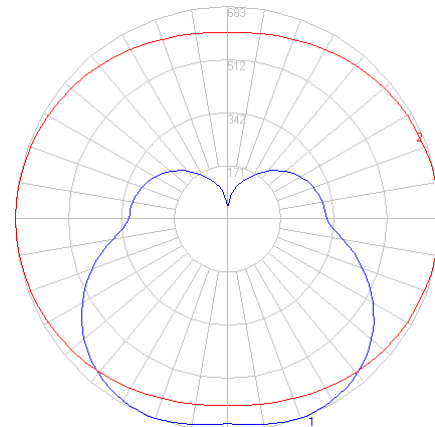


BEGA

Photometric Filename:

24116K27_BEGA_IES.ies

TEST: BE_24116K4
 TEST LAB: BEGA
 DATE: 11/23/2018
 LUMINAIRE: 24 116K27
 LAMP: 22.2W LED



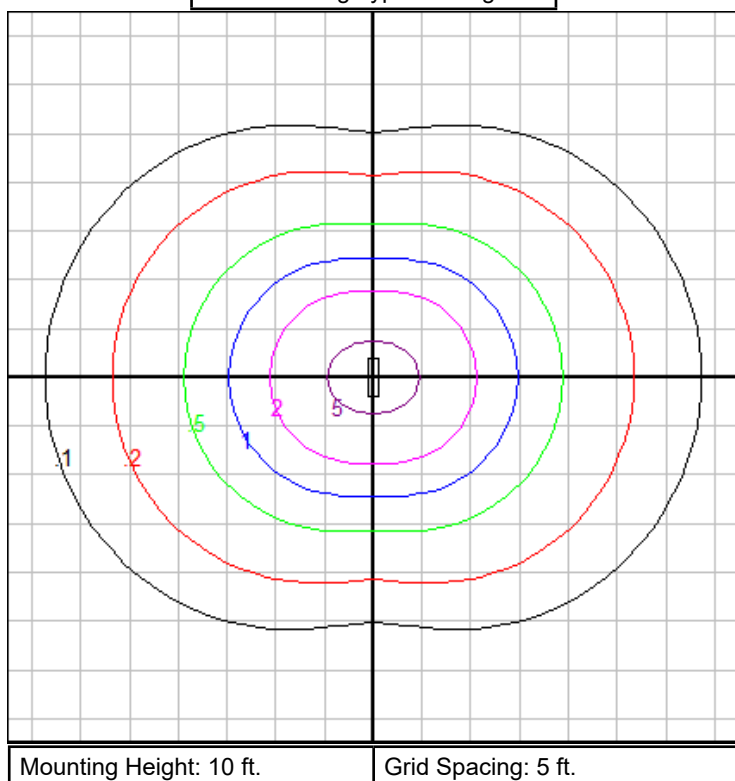
Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3693
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	119
Total Luminaire Watts	31
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.54
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.56
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	0.39 ft
Luminous Width (90-270)	3.05 ft
Luminous Height	0.26 ft

Zonal Lumen Summary

Zone	Lumens
0-10	62.88
10-20	185.74
20-30	295.00
30-40	377.56
40-50	423.75
50-60	427.90
60-70	389.47
70-80	315.84
80-90	236.44
90-100	206.45
100-110	193.66
110-120	172.08
120-130	143.11
130-140	110.06
140-150	76.95
150-160	48.02
160-170	23.28
170-180	5.30

Mounting Type: Ceiling



Mounting Type: Wall

