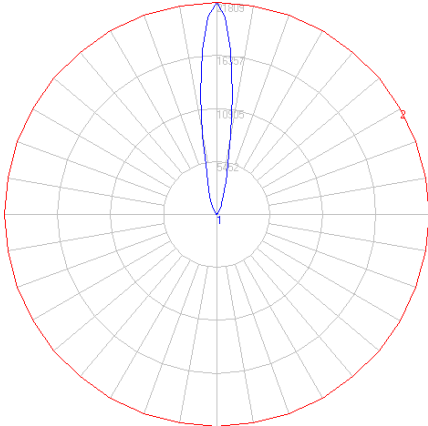


BEGA

TEST: BE_84455K4
TEST LAB: BEGA
DATE: 12/12/2019
LUMINAIRE: 84 455K4
LAMP: 29.7W LED

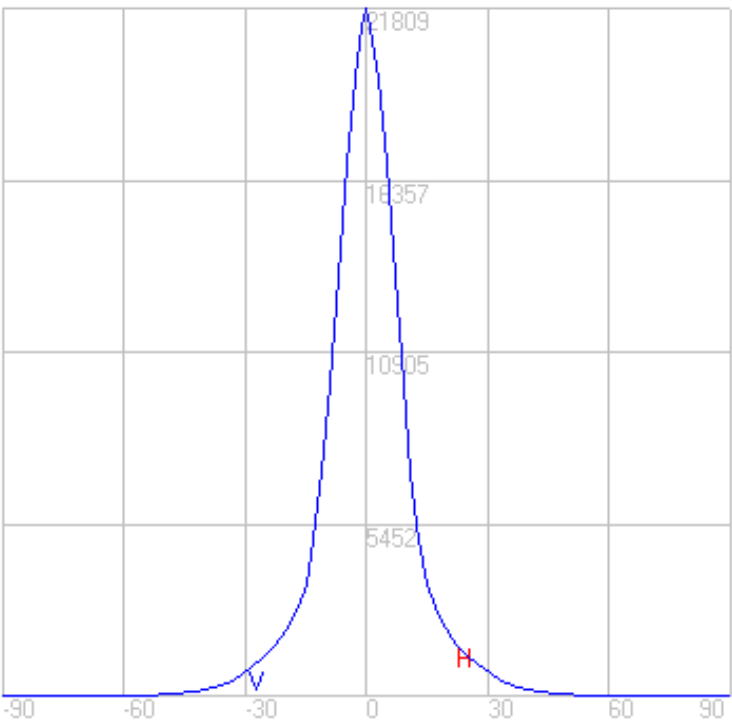
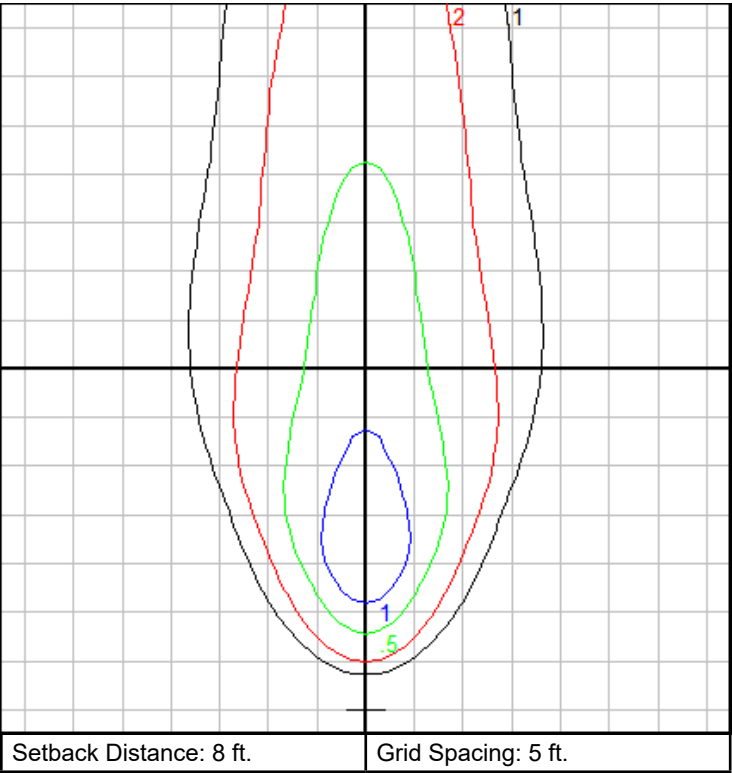


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	21809.4
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	16.8
Vertical Beam Angle (50%)	16.8
Horizontal Field Angle (10%)	38.6
Vertical Field Angle (10%)	38.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1056
Beam Efficiency	N.A.
Field Lumens	2360
Field Efficiency	N.A.
Spill Lumens	998
Luminaire Lumens	3359
Total Efficiency	N.A.
Total Luminaire Watts	34
Ballast Factor	1.00

Zonal Lumen Summary

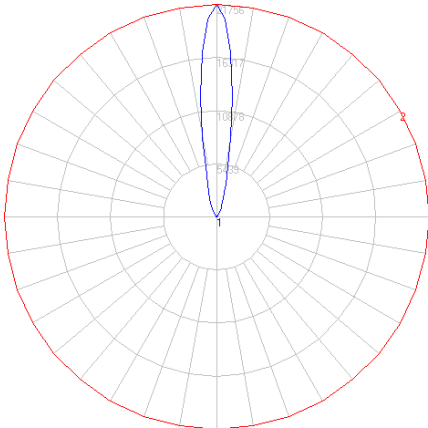
Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.00
90-100	0.01
100-110	1.08
110-120	9.53
120-130	27.86
130-140	77.91
140-150	245.30
150-160	587.42
160-170	1089.61
170-180	1329.11



Setback Distance: 8 ft. Grid Spacing: 5 ft.

BEGA

TEST: BE_84455K4
TEST LAB: BEGA
DATE: 12/12/2019
LUMINAIRE: 84 455K35
LAMP: 29.7W LED

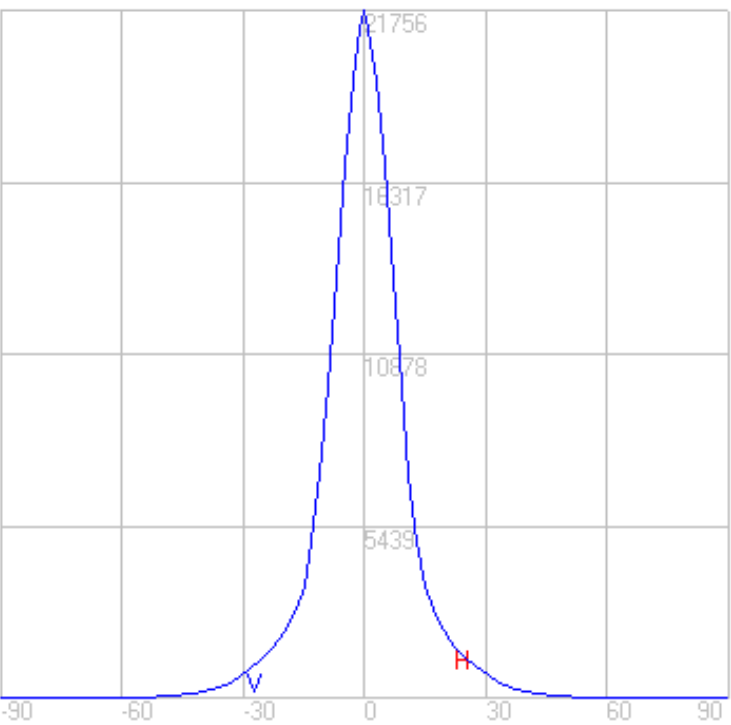
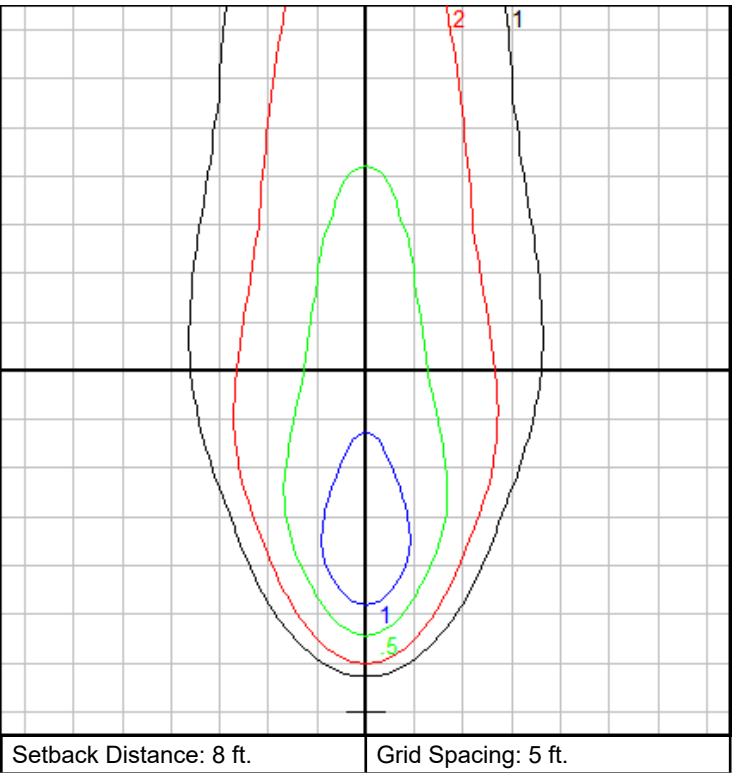


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	21755.814
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	16.8
Vertical Beam Angle (50%)	16.8
Horizontal Field Angle (10%)	38.6
Vertical Field Angle (10%)	38.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1053
Beam Efficiency	N.A.
Field Lumens	2355
Field Efficiency	N.A.
Spill Lumens	996
Luminaire Lumens	3350
Total Efficiency	N.A.
Total Luminaire Watts	34
Ballast Factor	1.00

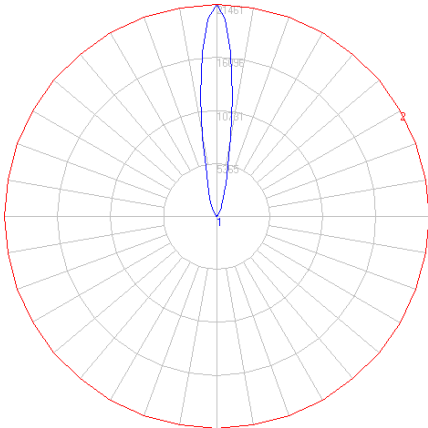
Zonal Lumen Summary

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	0.01
100-110	1.08
110-120	9.50
120-130	27.79
130-140	77.72
140-150	244.69
150-160	585.98
160-170	1086.93
170-180	1325.85



BEGA

TEST: BE_84455K4
TEST LAB: BEGA
DATE: 12/12/2019
LUMINAIRE: 84 455K3
LAMP: 29.7W LED

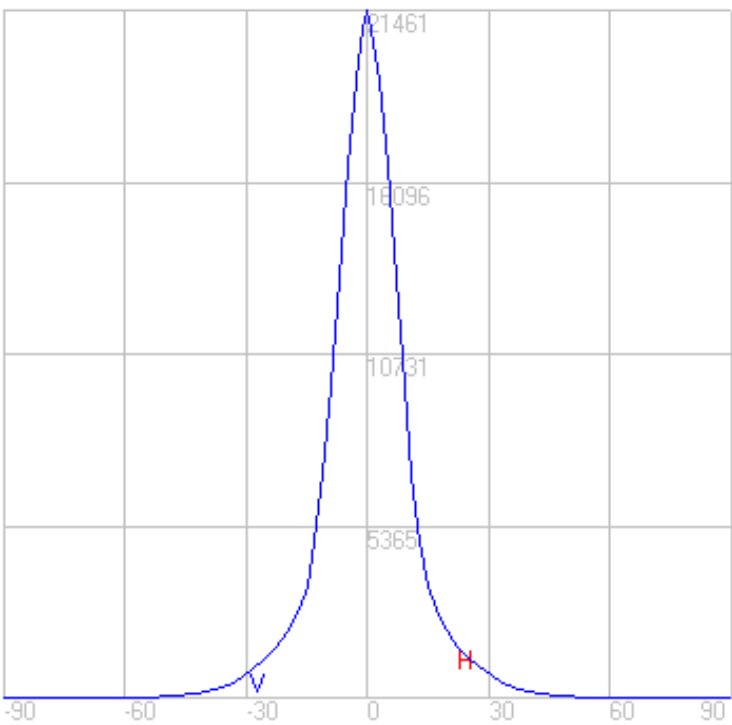
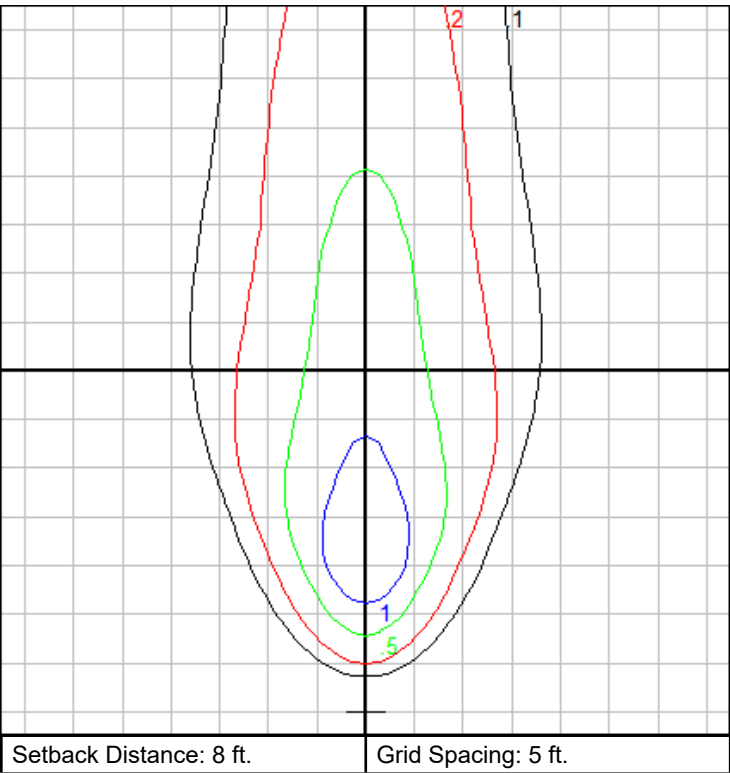


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	21461.082
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	16.8
Vertical Beam Angle (50%)	16.8
Horizontal Field Angle (10%)	38.6
Vertical Field Angle (10%)	38.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1039
Beam Efficiency	N.A.
Field Lumens	2323
Field Efficiency	N.A.
Spill Lumens	982
Luminaire Lumens	3305
Total Efficiency	N.A.
Total Luminaire Watts	34
Ballast Factor	1.00

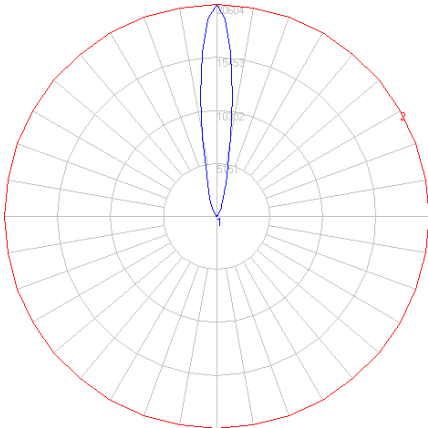
Zonal Lumen Summary

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	0.01
100-110	1.07
110-120	9.37
120-130	27.42
130-140	76.67
140-150	241.38
150-160	578.04
160-170	1072.2
170-180	1307.88



BEGA

TEST: BE_84455K4
TEST LAB: BEGA
DATE: 12/12/2019
LUMINAIRE: 84 455K27
LAMP: 29.7W LED



Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	20603.711
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	16.8
Vertical Beam Angle (50%)	16.8
Horizontal Field Angle (10%)	38.6
Vertical Field Angle (10%)	38.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	997
Beam Efficiency	N.A.
Field Lumens	2230
Field Efficiency	N.A.
Spill Lumens	943
Luminaire Lumens	3173
Total Efficiency	N.A.
Total Luminaire Watts	34
Ballast Factor	1.00

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	0.01
100-110	1.02
110-120	9.00
120-130	26.32
130-140	73.60
140-150	231.74
150-160	554.95
160-170	1029.37
170-180	1255.63

