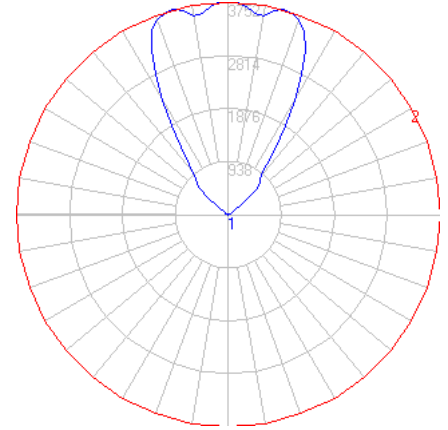
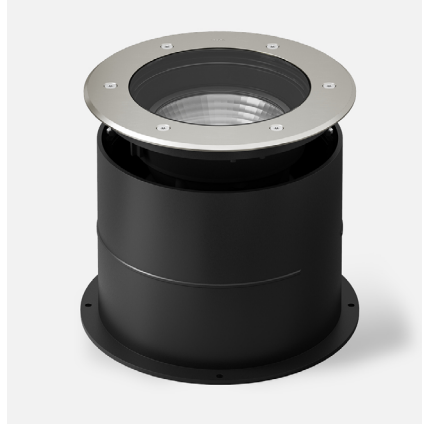


BEGA

File: 84903K4_BEGA_IES.ies

TEST: BE_84903K4
TEST LAB: BEGA
DATE: 09/14/2021
LUMINAIRE: 84903K4
LAMP: 46.7W LED

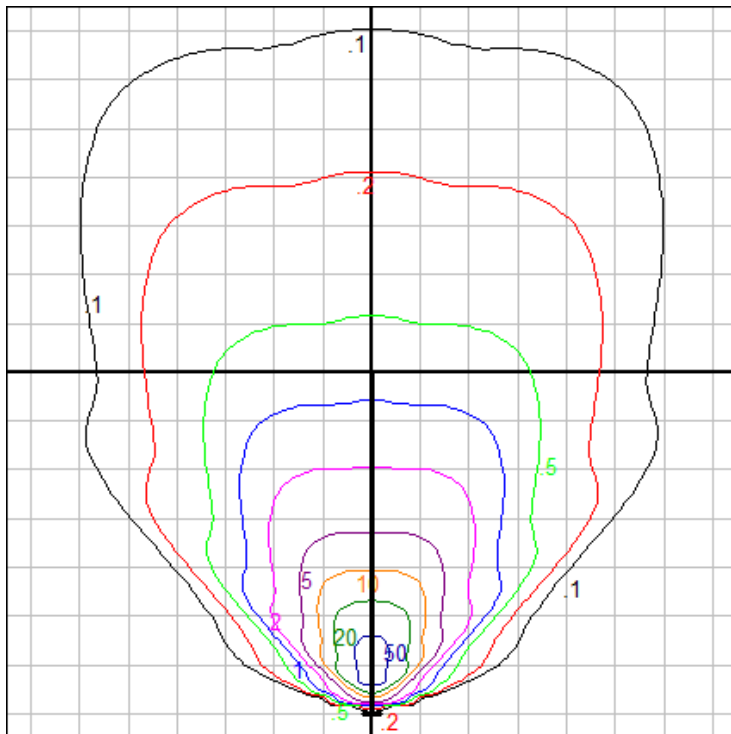


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	3751.6
Maximum Candela Angle	-15 H -1 V
Horizontal Beam Angle (50%)	58.4
Vertical Beam Angle (50%)	65.1
Horizontal Field Angle (10%)	100.6
Vertical Field Angle (10%)	103.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	3168
Beam Efficiency	N.A.
Field Lumens	4382
Field Efficiency	N.A.
Spill Lumens	216
Luminaire Lumens	4597
Total Efficiency	N.A.
Total Luminaire Watts	54
Ballast Factor	1.00

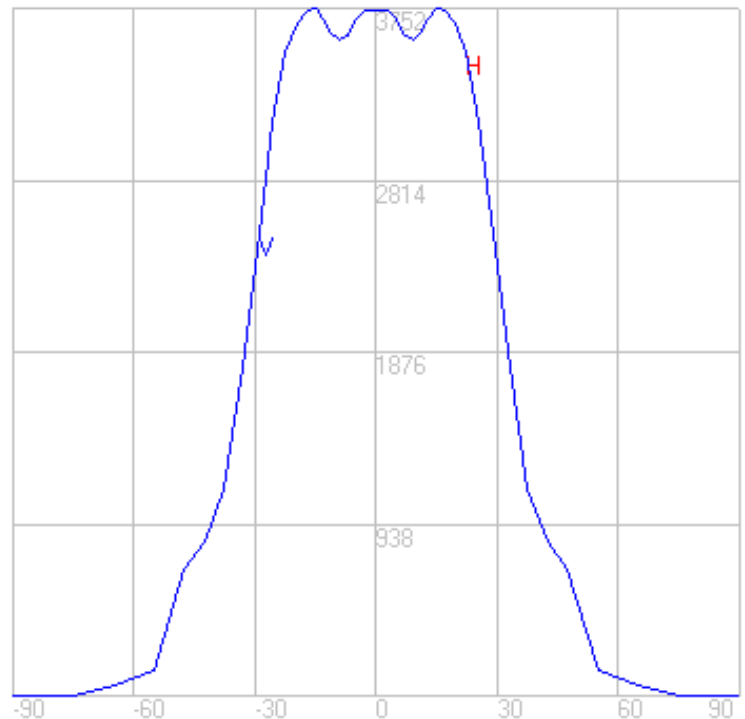
Zonal Lumen Summary

Zone	Lumens
0-10	347.29
10-20	1050.02
20-30	1431.82
30-40	939.49
40-50	579.93
50-60	166.65
60-70	51.16
70-80	7.96
80-90	0.20
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Setback Distance: 2 ft.

Grid Spacing: 3 ft.



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

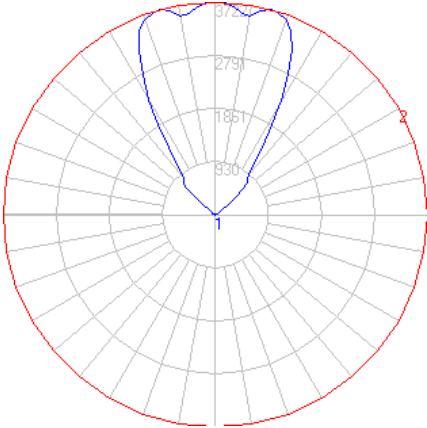
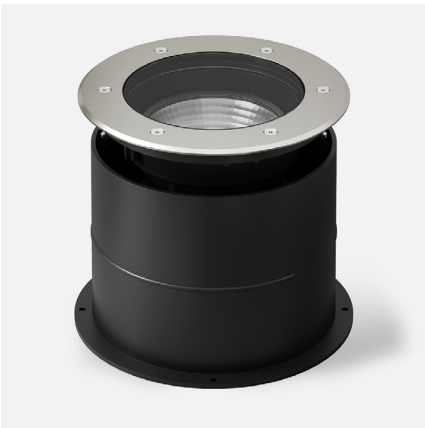
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2024

3/18/24

BEGA

File: 84903K35_BEGA_IES.ies

TEST: BE_84903K4
TEST LAB: BEGA
DATE: 09/14/2021
LUMINAIRE: 84903K35
LAMP: 46.7W LED

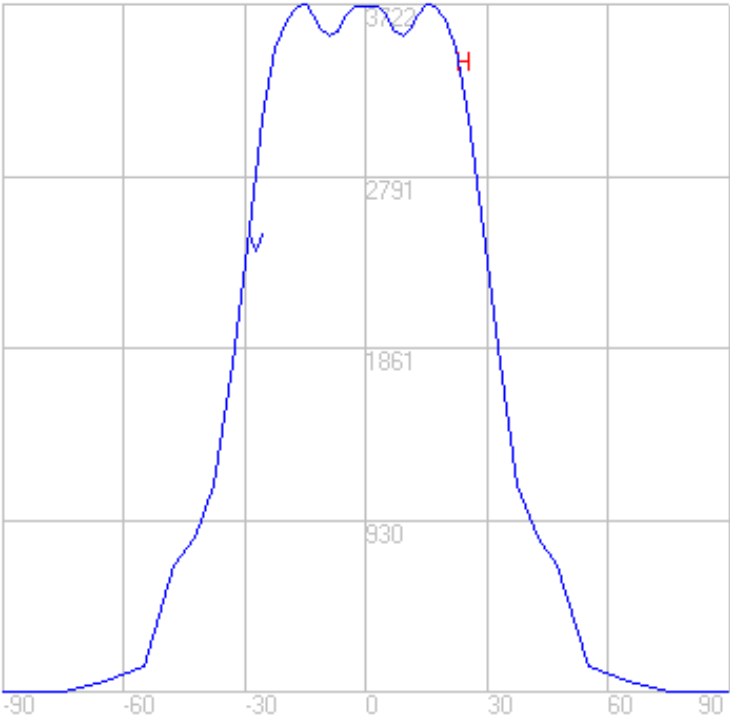
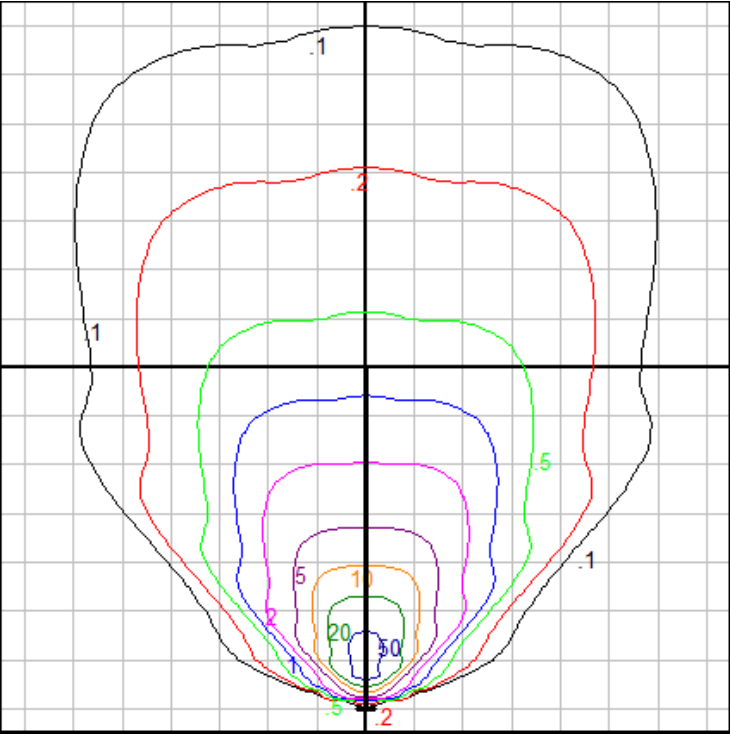


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	3721.587
Maximum Candela Angle	-15 H -1 V
Horizontal Beam Angle (50%)	58.4
Vertical Beam Angle (50%)	65.1
Horizontal Field Angle (10%)	100.6
Vertical Field Angle (10%)	103.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	3143
Beam Efficiency	N.A.
Field Lumens	4347
Field Efficiency	N.A.
Spill Lumens	214
Luminaire Lumens	4560
Total Efficiency	N.A.
Total Luminaire Watts	54
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	344.51
10-20	1041.62
20-30	1420.36
30-40	931.97
40-50	575.29
50-60	165.31
60-70	50.75
70-80	7.90
80-90	0.20
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Setback Distance: 2 ft.

Grid Spacing: 3 ft.

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

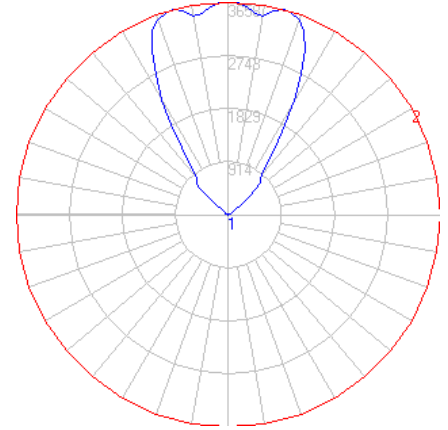
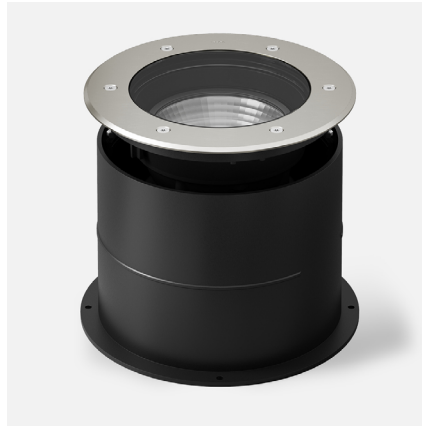
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2024

3/18/24

BEGA

File: 84903K3_BEGA_IES.ies

TEST: BE_84903K4
TEST LAB: BEGA
DATE: 09/14/2021
LUMINAIRE: 84903K3
LAMP: 46.7W LED

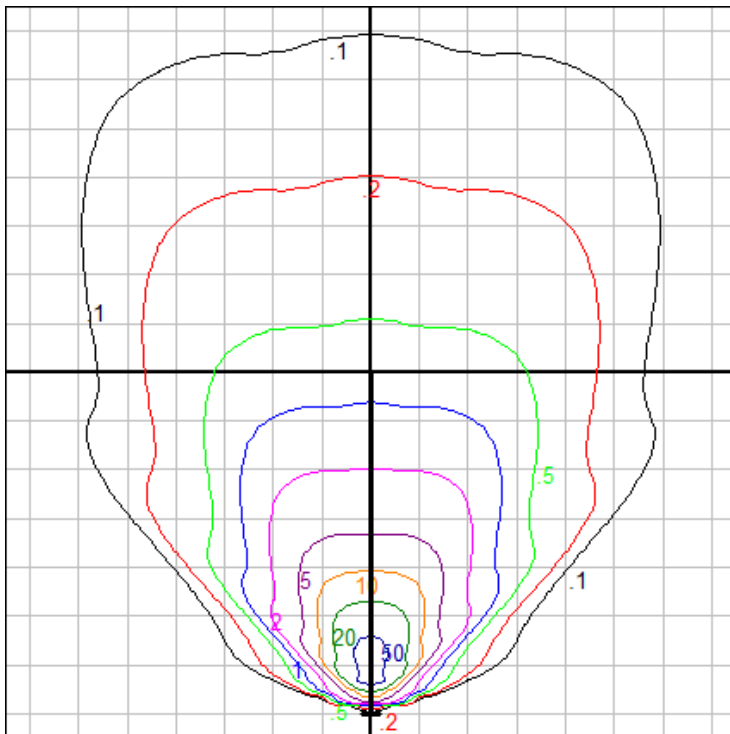


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	3657.81
Maximum Candela Angle	-15 H -1 V
Horizontal Beam Angle (50%)	58.4
Vertical Beam Angle (50%)	65.1
Horizontal Field Angle (10%)	100.6
Vertical Field Angle (10%)	103.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	3089
Beam Efficiency	N.A.
Field Lumens	4272
Field Efficiency	N.A.
Spill Lumens	210
Luminaire Lumens	4482
Total Efficiency	N.A.
Total Luminaire Watts	54
Ballast Factor	1.00

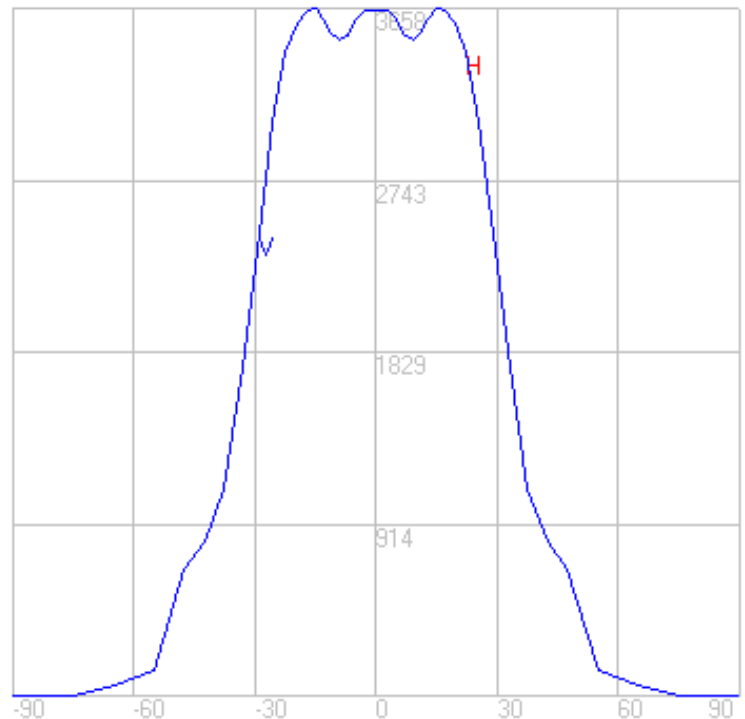
Zonal Lumen Summary

Zone	Lumens
0-10	338.60
10-20	1023.77
20-30	1396.02
30-40	915.99
40-50	565.43
50-60	162.48
60-70	49.89
70-80	7.76
80-90	0.20
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Setback Distance: 2 ft.

Grid Spacing: 3 ft.



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

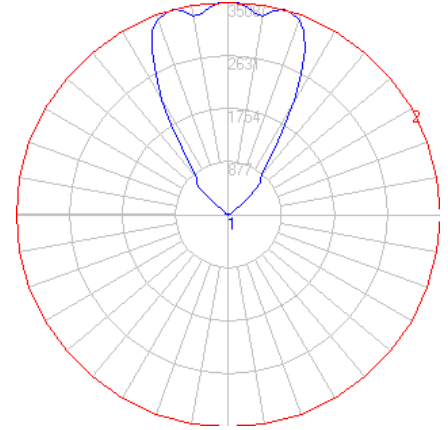
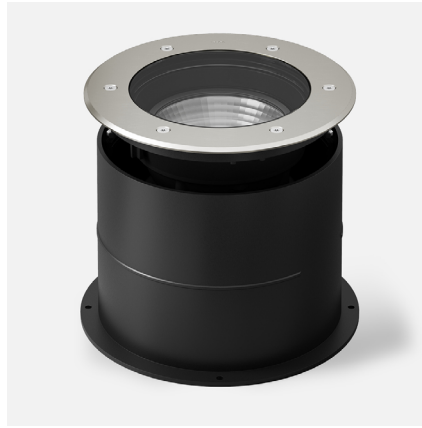
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2024

3/18/24

BEGA

File: 84903K27_BEGA_IES.ies

TEST: BE_84903K4
TEST LAB: BEGA
DATE: 09/14/2021
LUMINAIRE: 84903K27
LAMP: 46.7W LED

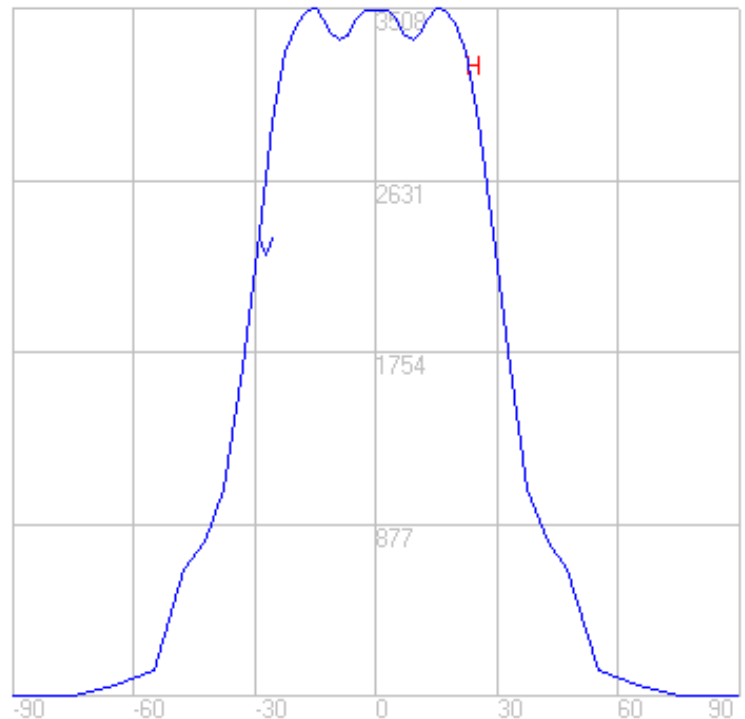
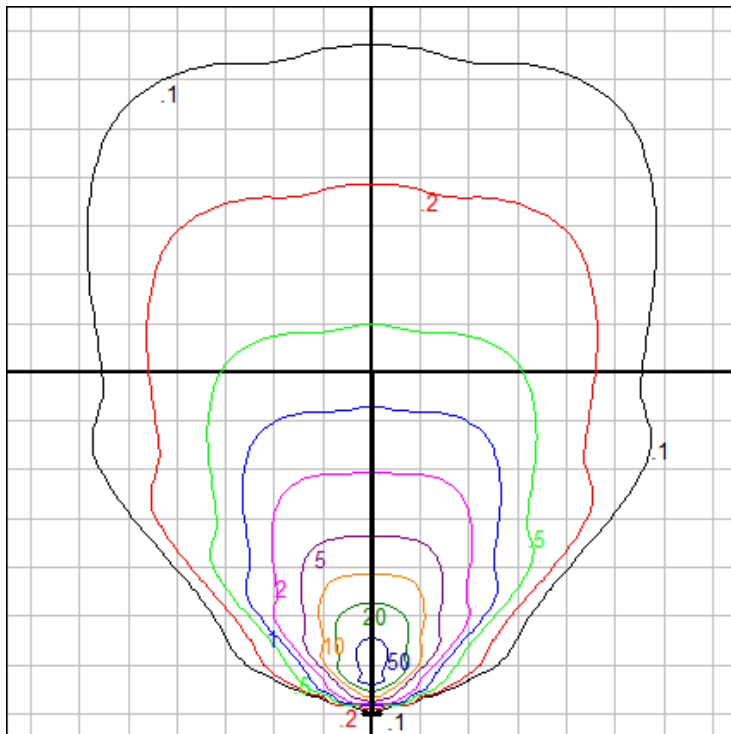


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	3507.746
Maximum Candela Angle	-15 H -1 V
Horizontal Beam Angle (50%)	58.4
Vertical Beam Angle (50%)	65.1
Horizontal Field Angle (10%)	100.6
Vertical Field Angle (10%)	103.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2962
Beam Efficiency	N.A.
Field Lumens	4097
Field Efficiency	N.A.
Spill Lumens	202
Luminaire Lumens	4298
Total Efficiency	N.A.
Total Luminaire Watts	54
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	324.71
10-20	981.77
20-30	1338.75
30-40	878.42
40-50	542.23
50-60	155.81
60-70	47.84
70-80	7.44
80-90	0.19
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Setback Distance: 2 ft.

Grid Spacing: 3 ft.

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

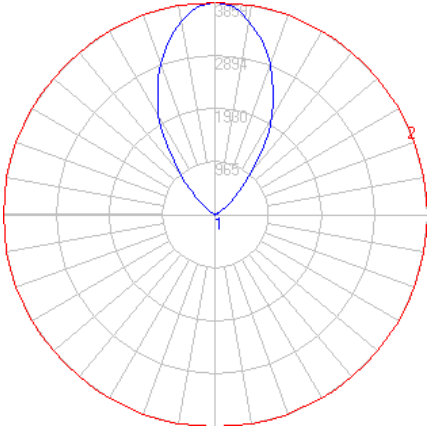
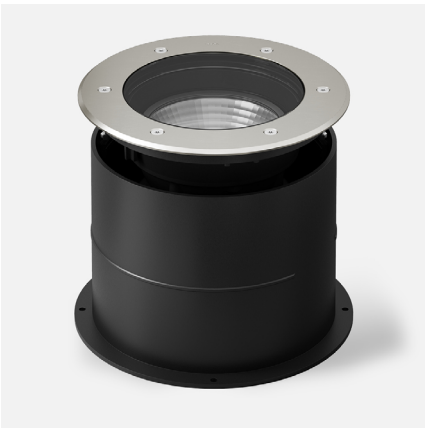
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2024

3/18/24

BEGA

File: 84903K4_10019_BEGA_IES.ies

TEST: BE_84903K4
TEST LAB: BEGA
DATE: 09/14/2021
LUMINAIRE: 84903K4 + 10019 Spread Lens
LAMP: 46.7W LED

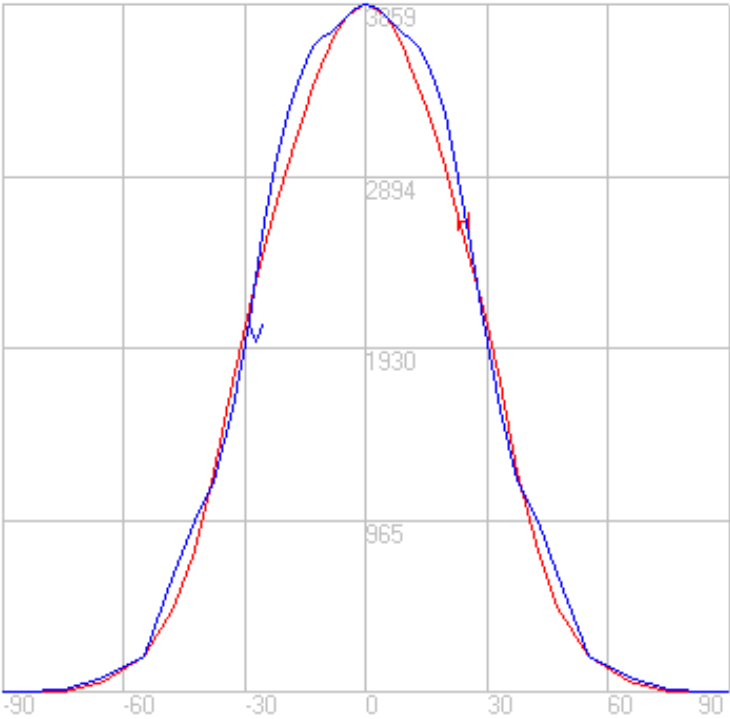
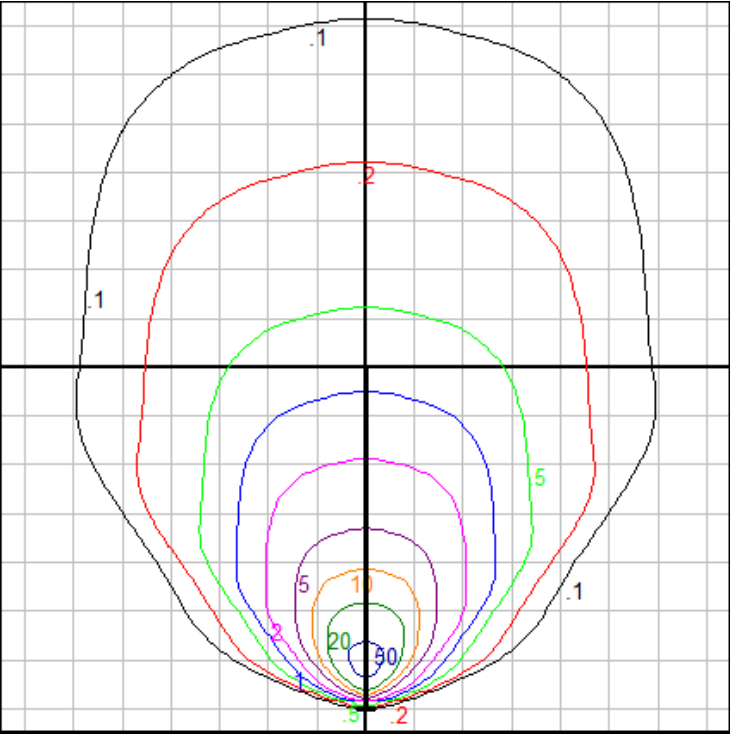


Characteristics

NEMA Type	5 H x 6 V
Maximum Candela	3859.1
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	62.4
Vertical Beam Angle (50%)	60.5
Horizontal Field Angle (10%)	99.7
Vertical Field Angle (10%)	104.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2613
Beam Efficiency	N.A.
Field Lumens	3983
Field Efficiency	N.A.
Spill Lumens	277
Luminaire Lumens	4259
Total Efficiency	N.A.
Total Luminaire Watts	54
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	356.63
10-20	949.89
20-30	1185.89
30-40	947.94
40-50	532.65
50-60	194.94
60-70	62.94
70-80	10.80
80-90	0.85
90-100	0.21
100-110	0.08
110-120	0.01
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Setback Distance: 2ft. Grid Spacing: 3 ft.