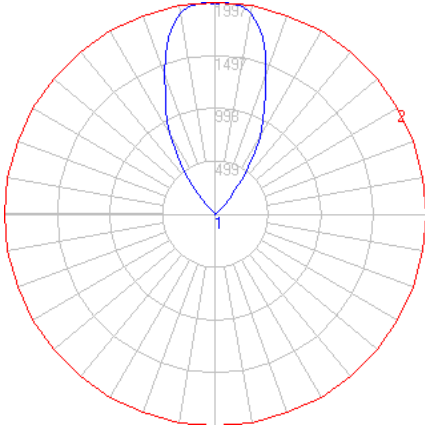


BEGA

File: 84308K4_BEGA_IES.ies

TEST: 84308K4
TEST LAB: BEGA
DATE: 08/19/20
LUMINAIRE: 84308K4
LAMP: 13.7W LED

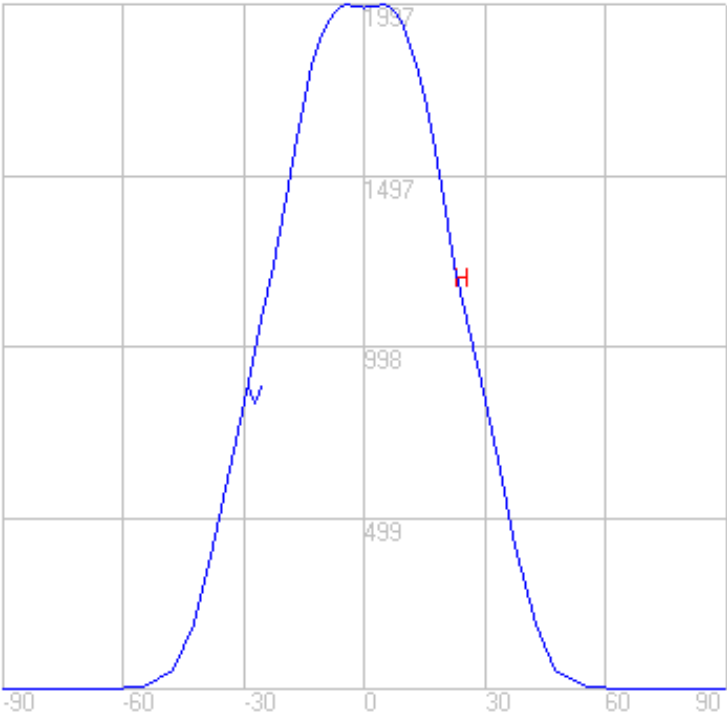
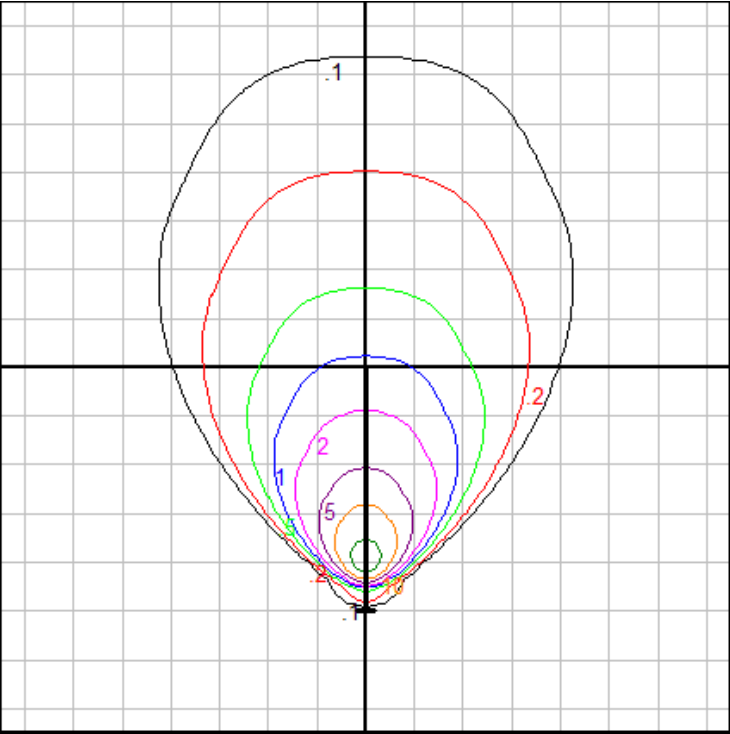


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1996.5
Maximum Candela Angle	-5 H -1 V
Horizontal Beam Angle (50%)	53.2
Vertical Beam Angle (50%)	54.0
Horizontal Field Angle (10%)	84.3
Vertical Field Angle (10%)	84.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1001
Beam Efficiency	N.A.
Field Lumens	1558
Field Efficiency	N.A.
Spill Lumens	67
Luminaire Lumens	1625
Total Efficiency	N.A.
Total Luminaire Watts	17
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	188.41
10-20	475.01
20-30	506.30
30-40	344.36
40-50	97.88
50-60	6.06
60-70	1.50
70-80	0.91
80-90	0.18
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.

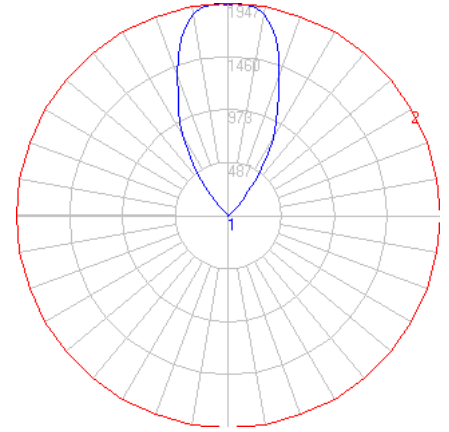
Grid Spacing: 3 ft.

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

BEGA

File: 84308K35_BEGA_IES.ies

TEST: 84308K4
TEST LAB: BEGA
DATE: 08/19/20
LUMINAIRE: 84308K35
LAMP: 13.7W LED

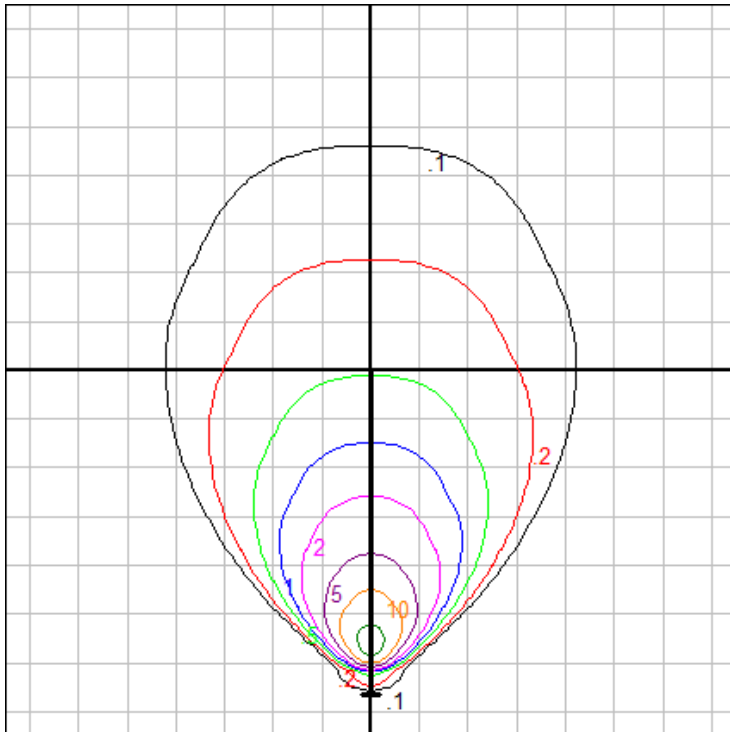


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1946.588
Maximum Candela Angle	-5 H -1 V
Horizontal Beam Angle (50%)	53.2
Vertical Beam Angle (50%)	54.0
Horizontal Field Angle (10%)	84.3
Vertical Field Angle (10%)	84.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	976
Beam Efficiency	N.A.
Field Lumens	1519
Field Efficiency	N.A.
Spill Lumens	65
Luminaire Lumens	1585
Total Efficiency	N.A.
Total Luminaire Watts	17
Ballast Factor	1.00

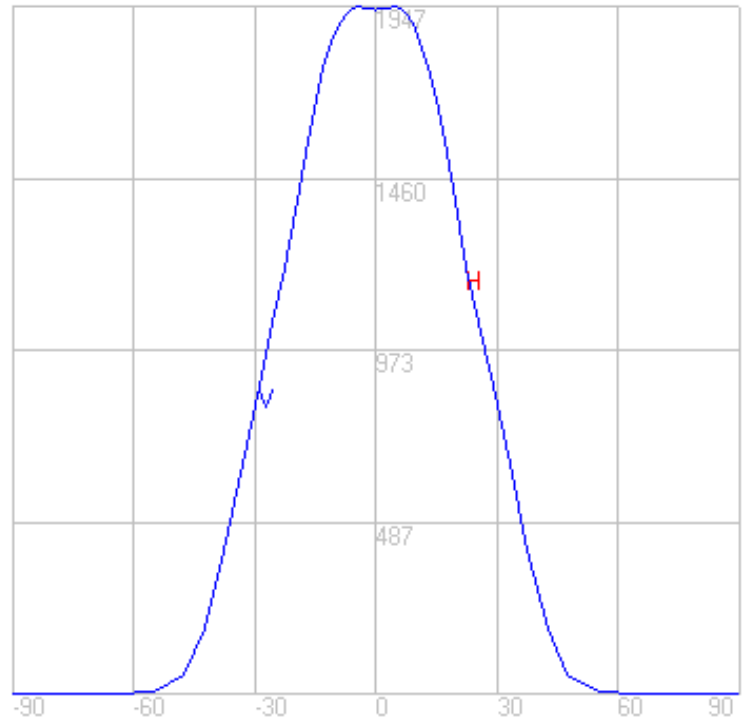
Zonal Lumen Summary

Zone	Lumens
0-10	183.70
10-20	463.13
20-30	493.64
30-40	335.75
40-50	95.44
50-60	5.91
60-70	1.46
70-80	0.89
80-90	0.17
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.

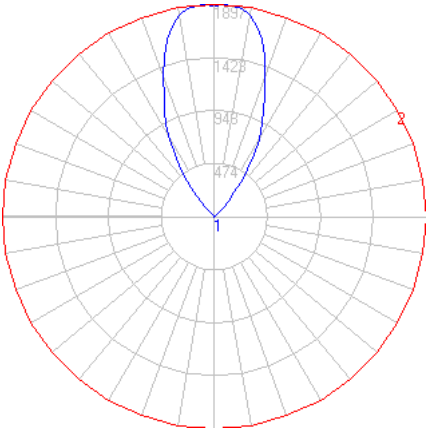
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2025

10/20/2025

BEGA

File: 84308K3_BEGA_IES.ies

TEST: 84308K4
TEST LAB: BEGA
DATE: 08/19/20
LUMINAIRE: 84308K3
LAMP: 13.7W LED

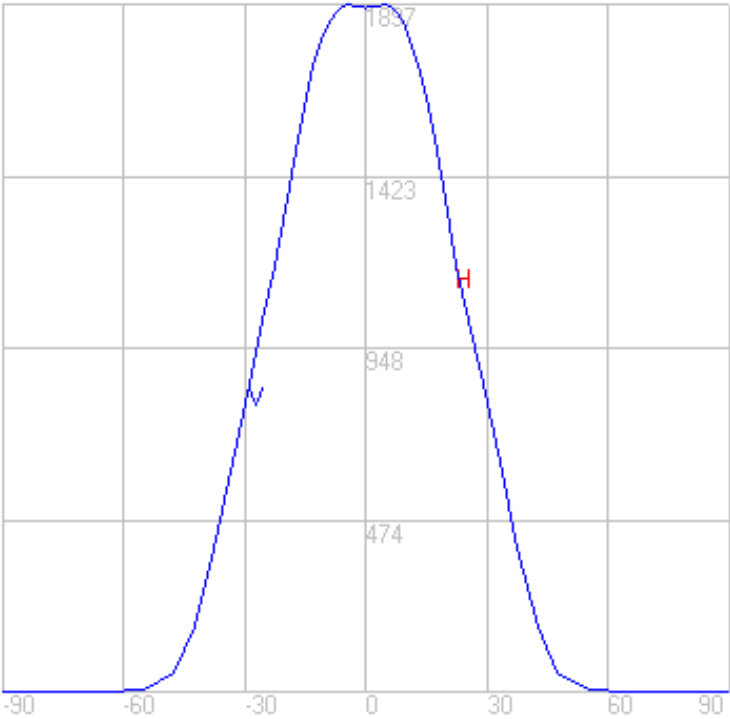
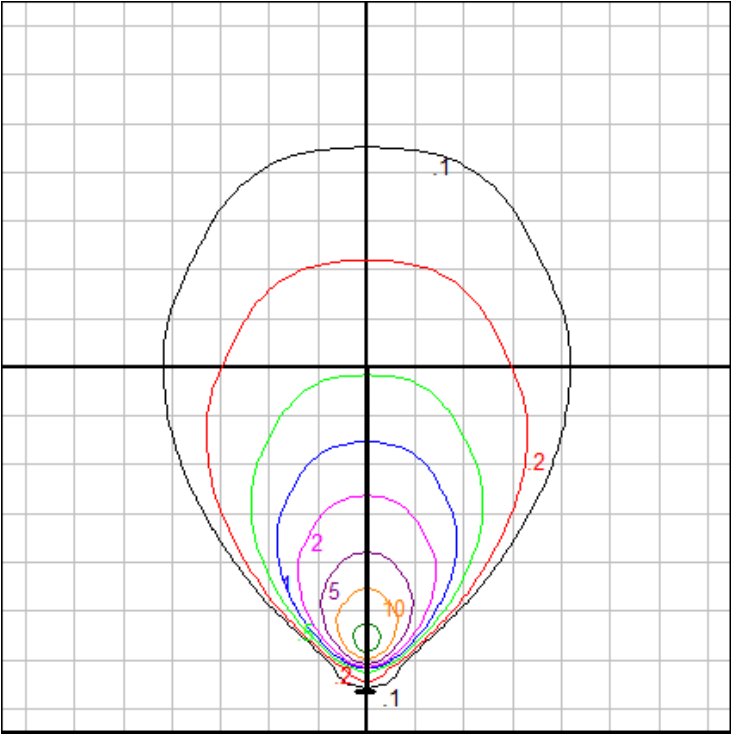


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1896.675
Maximum Candela Angle	-5 H -1 V
Horizontal Beam Angle (50%)	53.2
Vertical Beam Angle (50%)	54.0
Horizontal Field Angle (10%)	84.3
Vertical Field Angle (10%)	84.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	951
Beam Efficiency	N.A.
Field Lumens	1481
Field Efficiency	N.A.
Spill Lumens	64
Luminaire Lumens	1544
Total Efficiency	N.A.
Total Luminaire Watts	17
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	178.99
10-20	451.26
20-30	480.99
30-40	327.14
40-50	92.99
50-60	5.76
60-70	1.42
70-80	0.86
80-90	0.17
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.

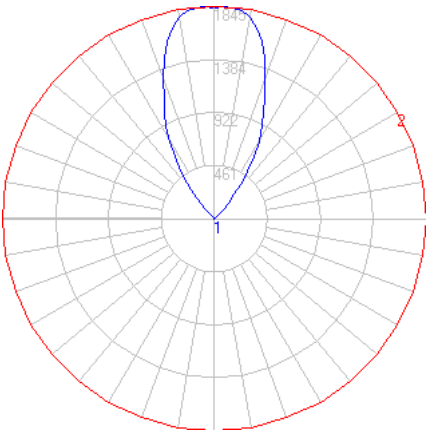
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2025

10/20/2025

BEGA

File: 84308K27_BEGA_IES.ies

TEST: 84308K4
TEST LAB: BEGA
DATE: 08/19/20
LUMINAIRE: 84308K27
LAMP: 13.7W LED

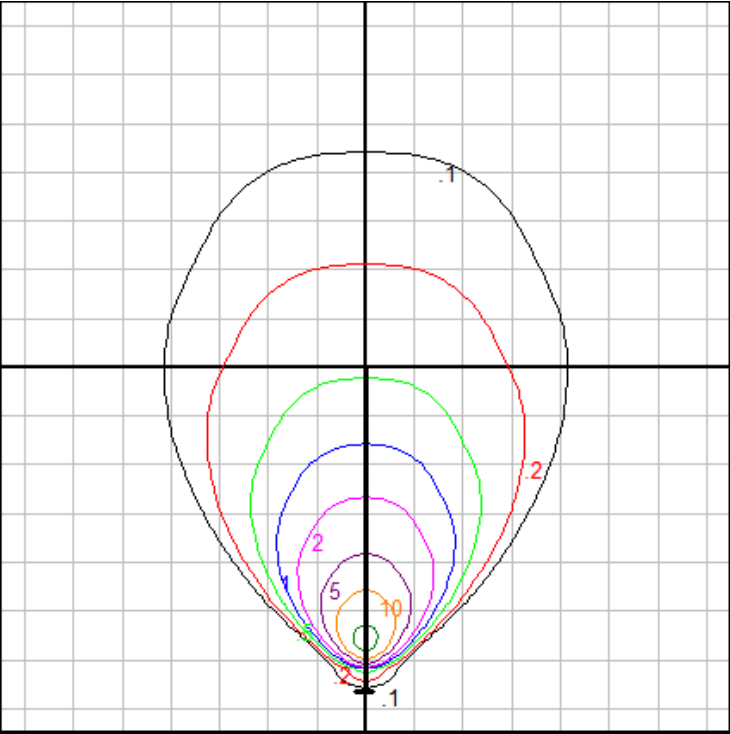


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1844.766
Maximum Candela Angle	-5 H -1 V
Horizontal Beam Angle (50%)	53.2
Vertical Beam Angle (50%)	54.0
Horizontal Field Angle (10%)	84.3
Vertical Field Angle (10%)	84.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	925
Beam Efficiency	N.A.
Field Lumens	1440
Field Efficiency	N.A.
Spill Lumens	62
Luminaire Lumens	1502
Total Efficiency	N.A.
Total Luminaire Watts	17
Ballast Factor	1.00

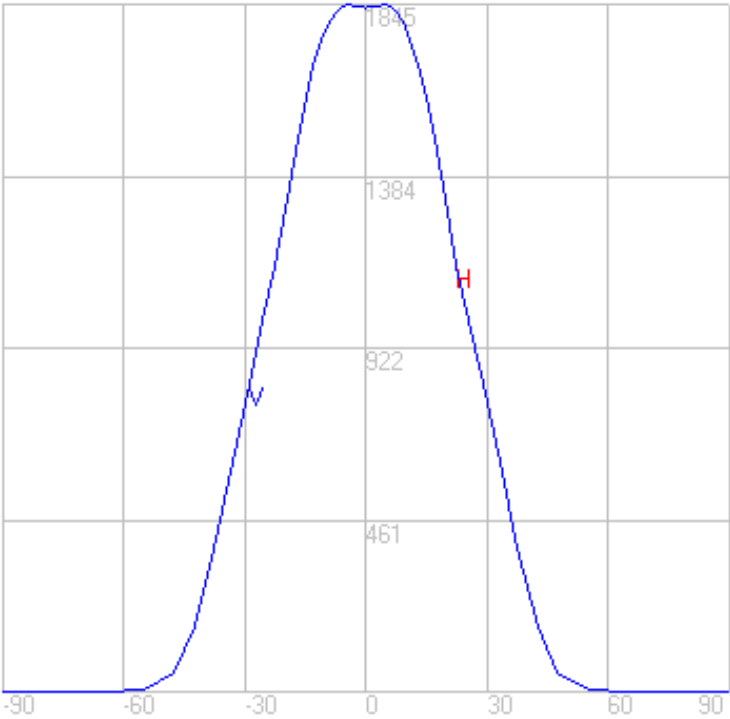
Zonal Lumen Summary

Zone	Lumens
0-10	174.09
10-20	438.91
20-30	467.82
30-40	318.19
40-50	90.45
50-60	5.60
60-70	1.38
70-80	0.84
80-90	0.16
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.

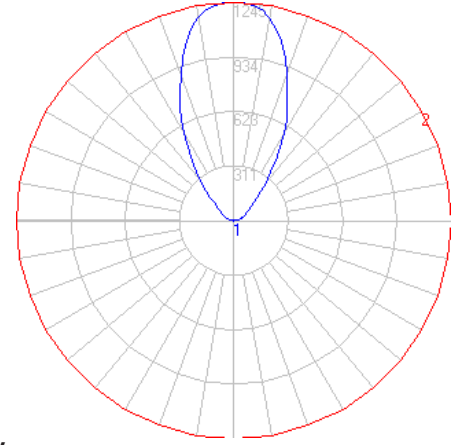
Grid Spacing: 3 ft.



BEGA

File: 84308K4_NSL_BEGA_IES.ies

TEST: 84308RK4
TEST LAB: BEGA
DATE: 08/19/20
LUMINAIRE: 84308K4 + Non Skid Lens
LAMP: 13.7W LED

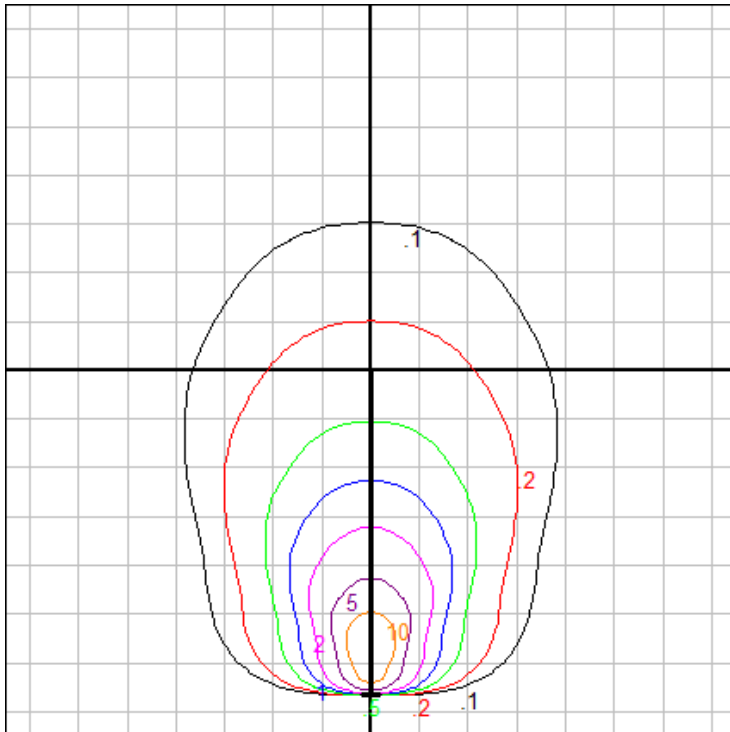


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	1245.4
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	56.8
Vertical Beam Angle (50%)	56.8
Horizontal Field Angle (10%)	103.5
Vertical Field Angle (10%)	103.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	695
Beam Efficiency	N.A.
Field Lumens	1167
Field Efficiency	N.A.
Spill Lumens	194
Luminaire Lumens	1361
Total Efficiency	N.A.
Total Luminaire Watts	17
Ballast Factor	1.00

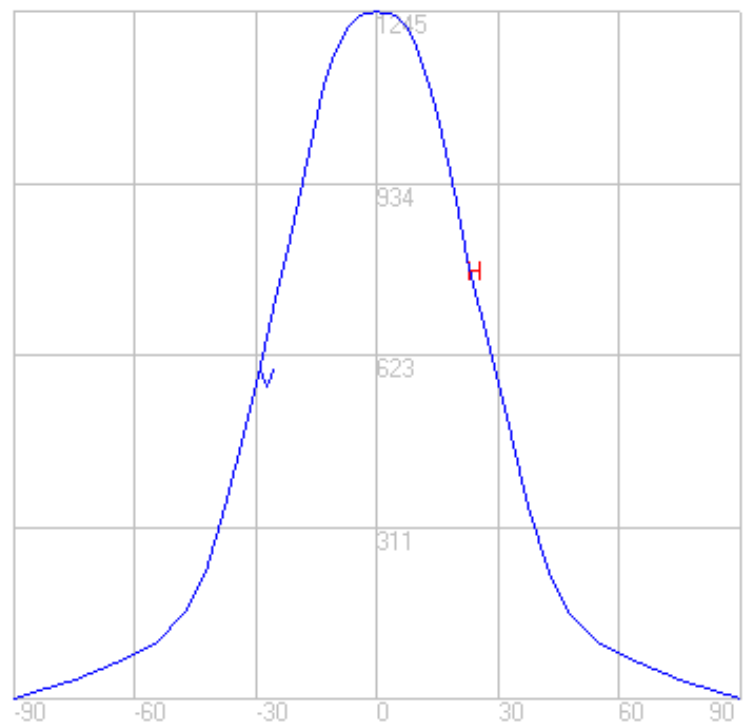
Zonal Lumen Summary

Zone	Lumens
0-10	116.16
10-20	292.73
20-30	331.90
30-40	262.11
40-50	150.00
50-60	91.81
60-70	64.34
70-80	38.19
80-90	12.33
90-100	0.05
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 2025

10/20/2025