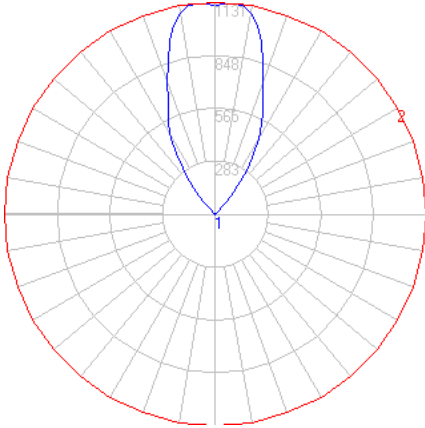


BEGA

File: 84351K4_BEGA_IES.ies

TEST: 84351K4
TEST LAB: BEGA
DATE: 08/19/20
LUMINAIRE: 84351K4
LAMP: 7.8W LED

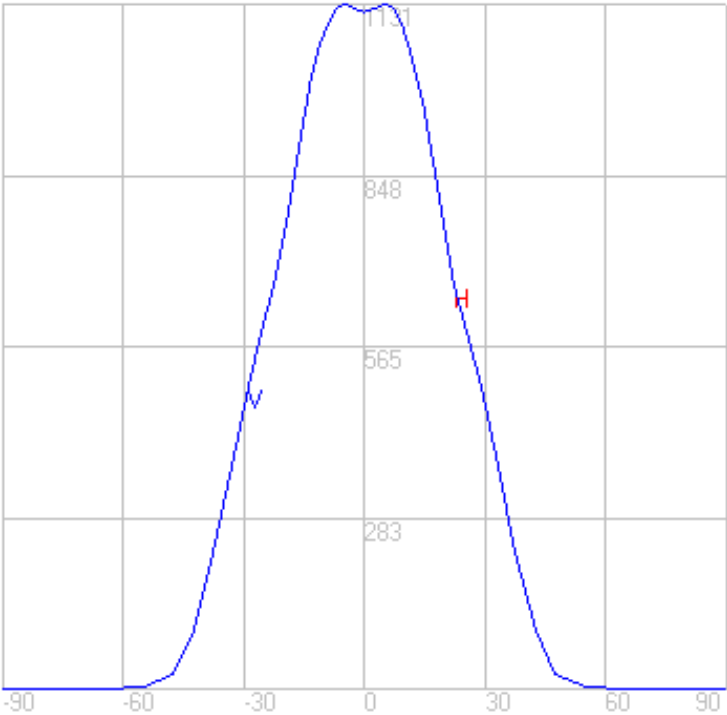
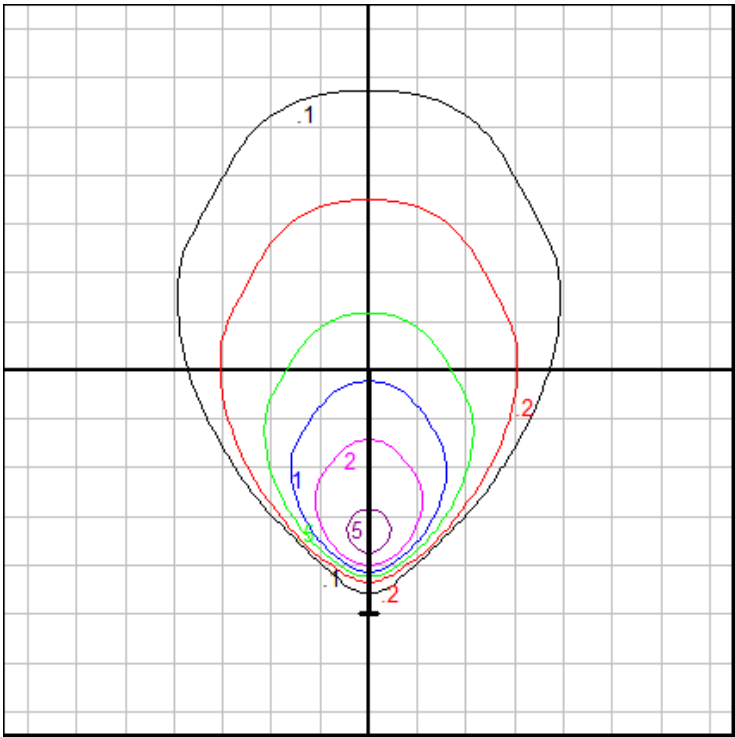


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1130.5
Maximum Candela Angle	-5 H -1 V
Horizontal Beam Angle (50%)	52.0
Vertical Beam Angle (50%)	52.8
Horizontal Field Angle (10%)	83.3
Vertical Field Angle (10%)	83.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	543
Beam Efficiency	N.A.
Field Lumens	853
Field Efficiency	N.A.
Spill Lumens	36
Luminaire Lumens	889
Total Efficiency	N.A.
Total Luminaire Watts	9
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	106.66
10-20	261.19
20-30	276.48
30-40	188.30
40-50	47.65
50-60	3.70
60-70	1.37
70-80	0.87
80-90	0.23
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: 3 ft.

Grid Spacing: 3 ft.

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

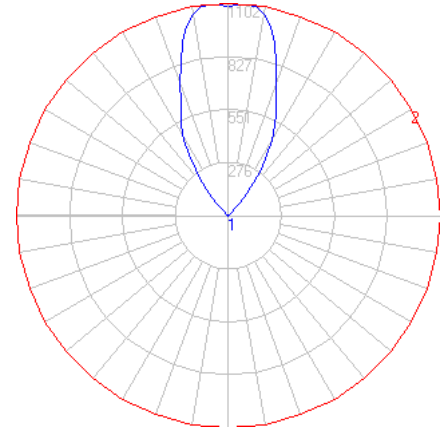
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2025

10/28/2025

BEGA

File: 84351K35_BEGA_IES.ies

TEST: 84351K4
TEST LAB: BEGA
DATE: 08/19/20
LUMINAIRE: 84351K35
LAMP: 7.8W LED

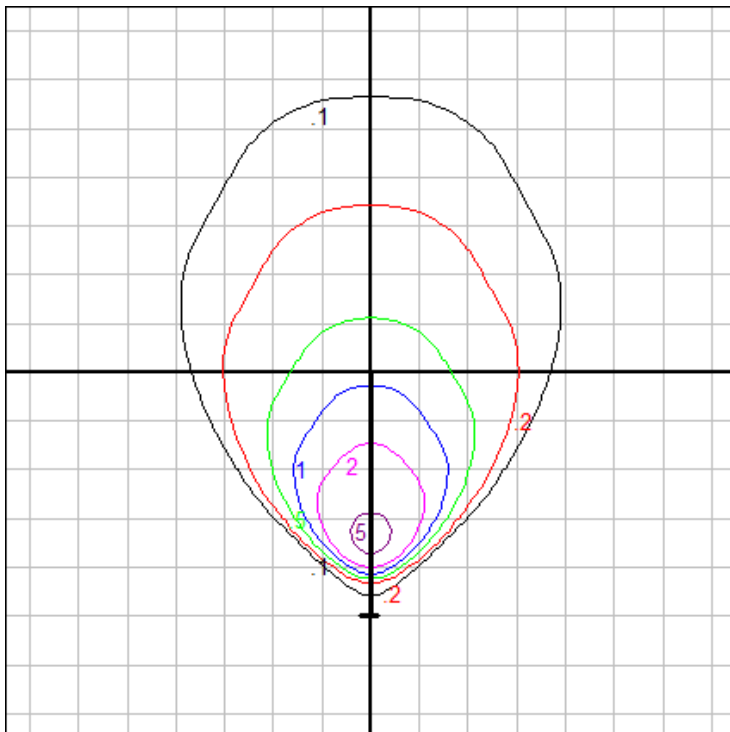


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1102.238
Maximum Candela Angle	-5 H -1 V
Horizontal Beam Angle (50%)	52.0
Vertical Beam Angle (50%)	52.8
Horizontal Field Angle (10%)	83.3
Vertical Field Angle (10%)	83.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	530
Beam Efficiency	N.A.
Field Lumens	832
Field Efficiency	N.A.
Spill Lumens	35
Luminaire Lumens	866
Total Efficiency	N.A.
Total Luminaire Watts	9
Ballast Factor	1.00

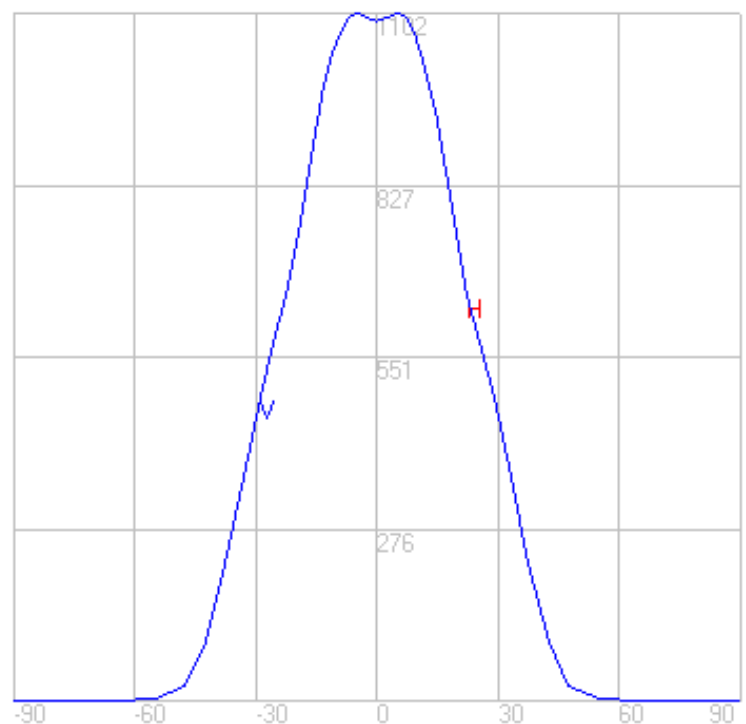
Zonal Lumen Summary

Zone	Lumens
0-10	104.00
10-20	254.66
20-30	269.57
30-40	183.59
40-50	46.46
50-60	3.60
60-70	1.34
70-80	0.85
80-90	0.23
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: 3 ft.

Grid Spacing: 3 ft.



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

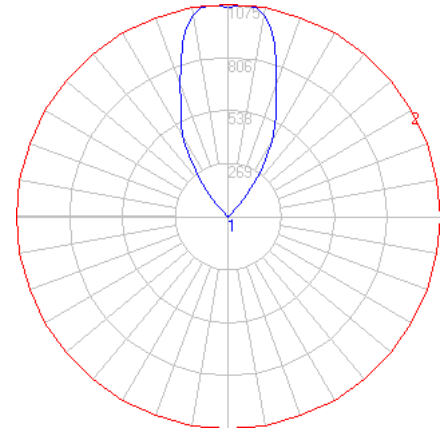
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2025

10/28/2025

BEGA

File: 84351K3_BEGA_IES.ies

TEST: 84351K4
TEST LAB: BEGA
DATE: 08/19/20
LUMINAIRE: 84351K3
LAMP: 7.8W LED

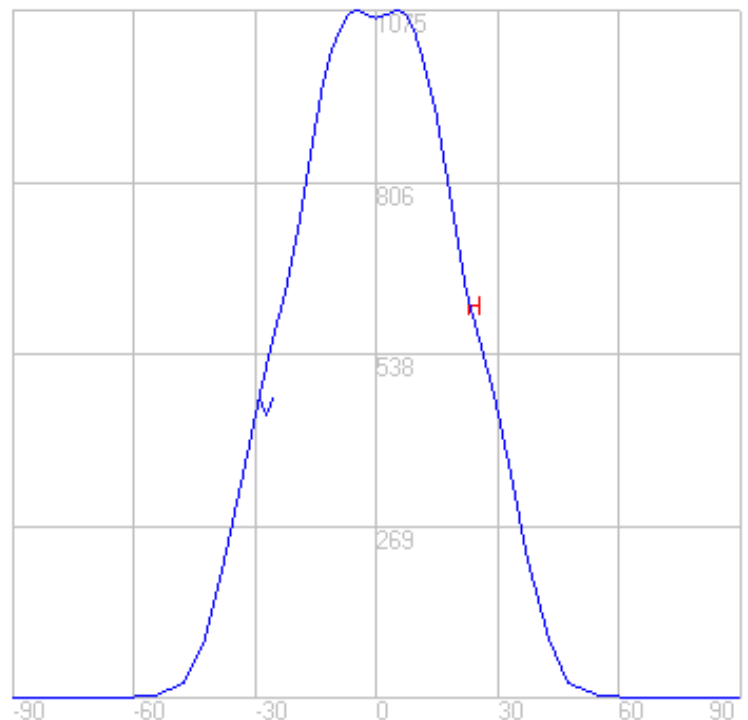
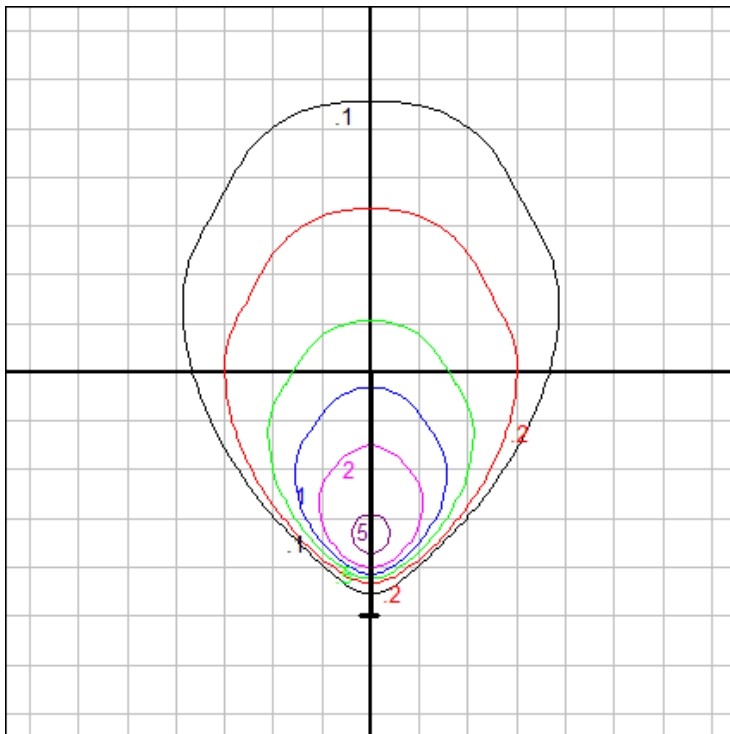


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1075.105
Maximum Candela Angle	-5 H -1 V
Horizontal Beam Angle (50%)	52.0
Vertical Beam Angle (50%)	52.8
Horizontal Field Angle (10%)	83.3
Vertical Field Angle (10%)	83.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	517
Beam Efficiency	N.A.
Field Lumens	811
Field Efficiency	N.A.
Spill Lumens	34
Luminaire Lumens	845
Total Efficiency	N.A.
Total Luminaire Watts	9
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	101.44
10-20	248.39
20-30	262.94
30-40	179.07
40-50	45.31
50-60	3.52
60-70	1.31
70-80	0.83
80-90	0.22
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: 3 ft.

Grid Spacing: 3 ft.

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

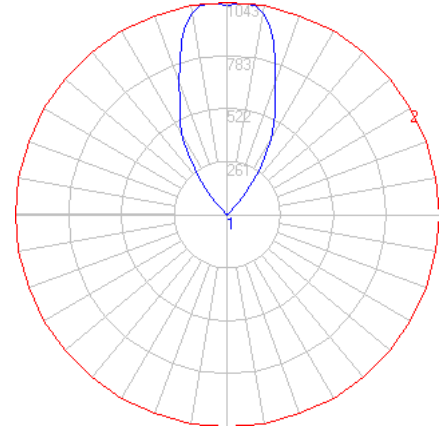
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2025

10/28/2025

BEGA

File: 84351K27_BEGA_IES.ies

TEST: 84351K4
TEST LAB: BEGA
DATE: 08/19/20
LUMINAIRE: 84351K27
LAMP: 7.8W LED

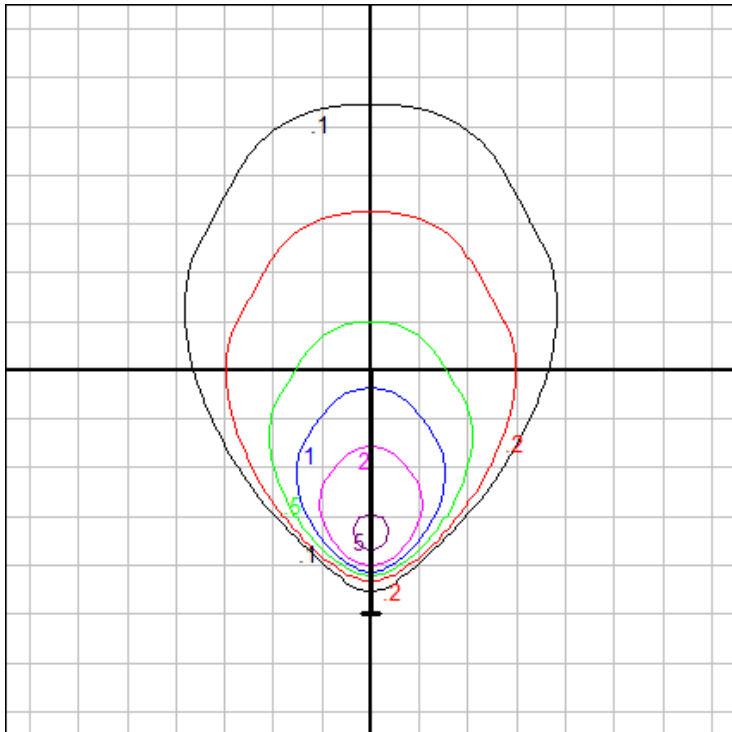


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1043.451
Maximum Candela Angle	-5 H -1 V
Horizontal Beam Angle (50%)	52.0
Vertical Beam Angle (50%)	52.8
Horizontal Field Angle (10%)	83.3
Vertical Field Angle (10%)	83.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	501
Beam Efficiency	N.A.
Field Lumens	787
Field Efficiency	N.A.
Spill Lumens	33
Luminaire Lumens	820
Total Efficiency	N.A.
Total Luminaire Watts	9
Ballast Factor	1.00

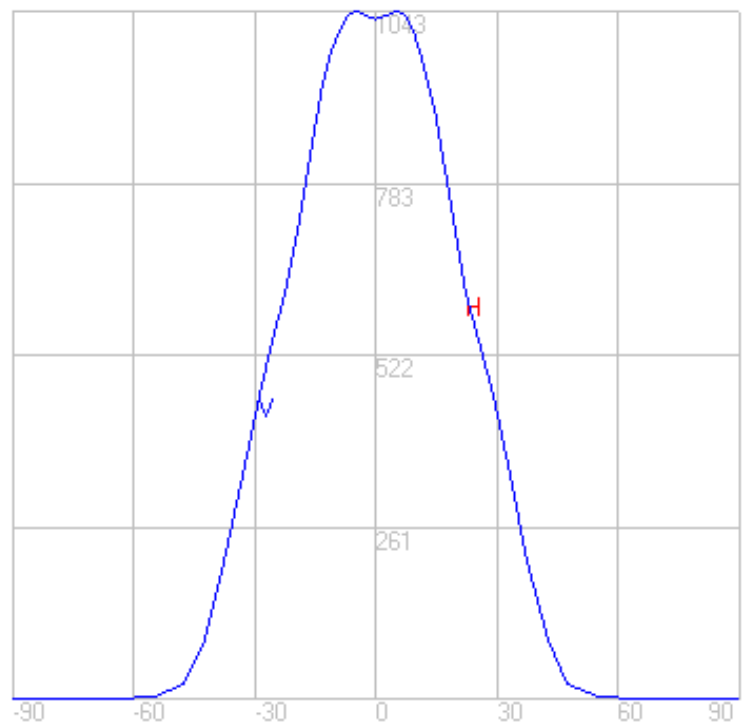
Zonal Lumen Summary

Zone	Lumens
0-10	98.45
10-20	241.08
20-30	255.19
30-40	173.80
40-50	43.98
50-60	3.41
60-70	1.27
70-80	0.80
80-90	0.21
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: 3 ft.

Grid Spacing: 3 ft.



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

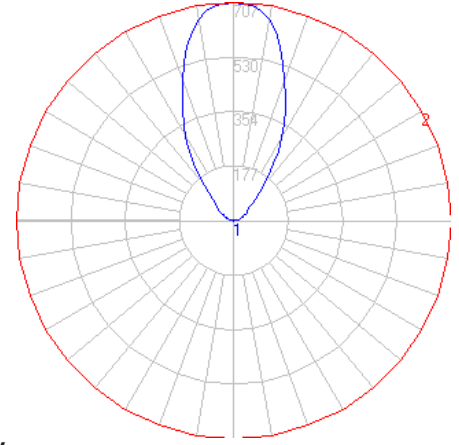
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2025

10/28/2025

BEGA

File: 84351K4_NSL_BEGA_IES.ies

TEST: 84351RK4
 TEST LAB: BEGA
 DATE: 08/19/20
 LUMINAIRE: 84351K4 + Non Skid Lens
 LAMP: 7.8W LED

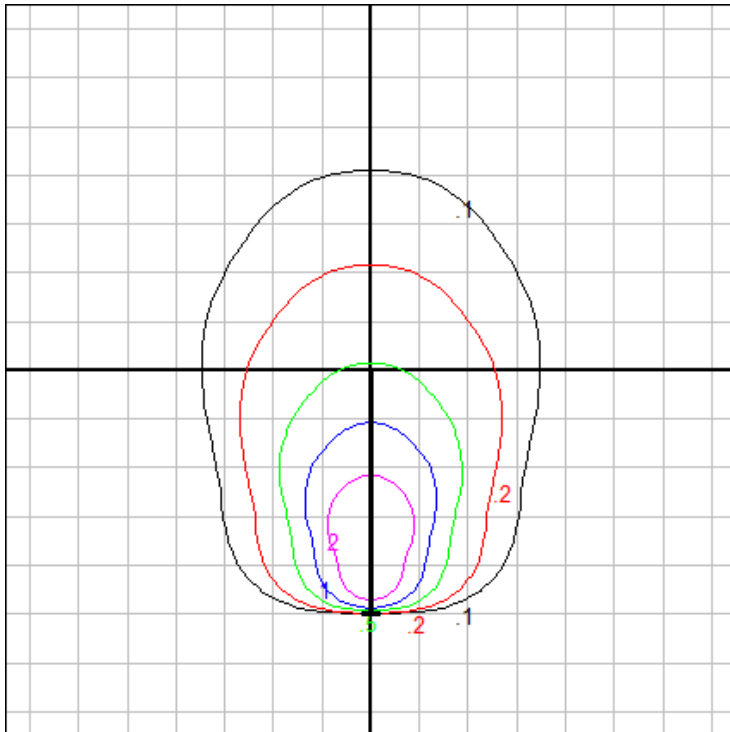


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	707
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	55.1
Vertical Beam Angle (50%)	55.1
Horizontal Field Angle (10%)	101.1
Vertical Field Angle (10%)	101.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	368
Beam Efficiency	N.A.
Field Lumens	626
Field Efficiency	N.A.
Spill Lumens	116
Luminaire Lumens	742
Total Efficiency	N.A.
Total Luminaire Watts	9
Ballast Factor	1.00

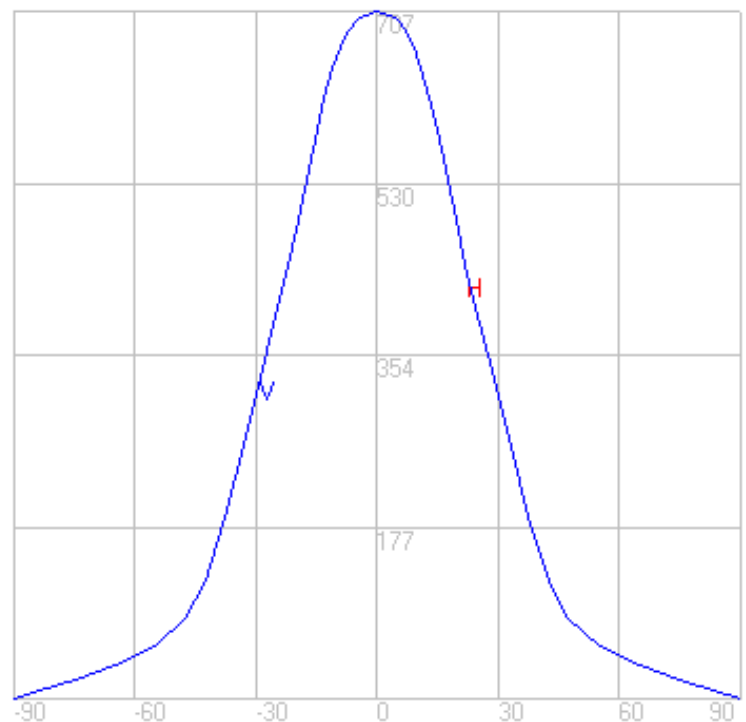
Zonal Lumen Summary

Zone	Lumens
0-10	65.59
10-20	161.87
20-30	181.31
30-40	141.27
40-50	79.14
50-60	49.33
60-70	34.62
70-80	20.76
80-90	6.98
90-100	0.03
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: 3 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

10/28/2025