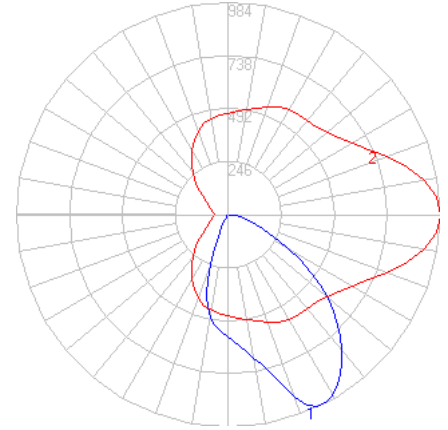
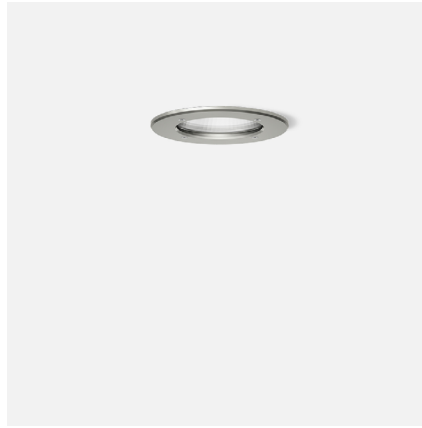


BEGA

File: 24322K4_BEGA_IES.ies

TEST: BE_24322K4
TEST LAB: BEGA
DATE: 6/25/2019
LUMINAIRE: 24 322K4
LAMP: 11.5W LED

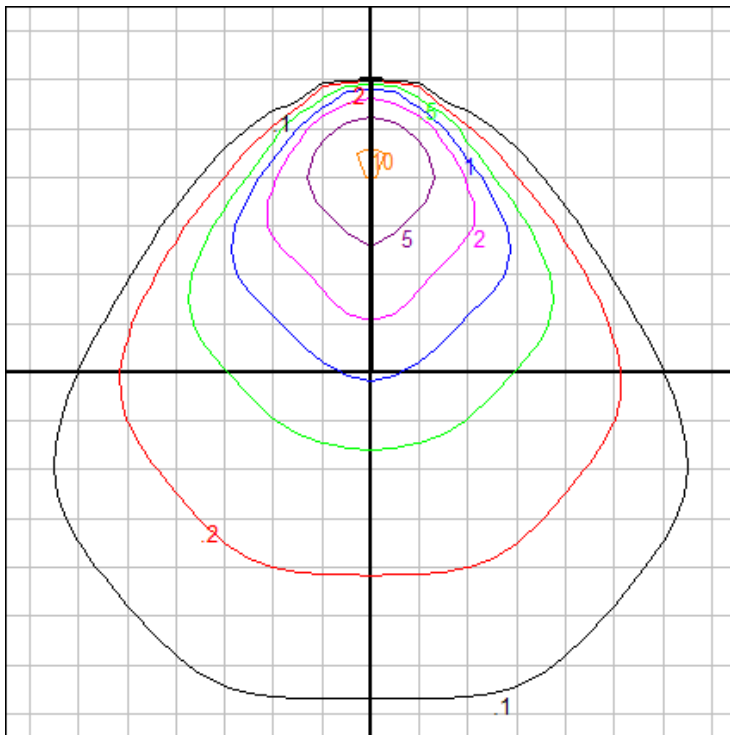


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	982.663
Maximum Candela Angle	0 H 25.5 V
Horizontal Beam Angle (50%)	54.3
Vertical Beam Angle (50%)	63.4
Horizontal Field Angle (10%)	94.7
Vertical Field Angle (10%)	99.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	603
Beam Efficiency	N.A.
Field Lumens	972
Field Efficiency	N.A.
Spill Lumens	57
Luminaire Lumens	1028
Total Efficiency	N.A.
Total Luminaire Watts	14
Ballast Factor	1.00

Zonal Lumen Summary

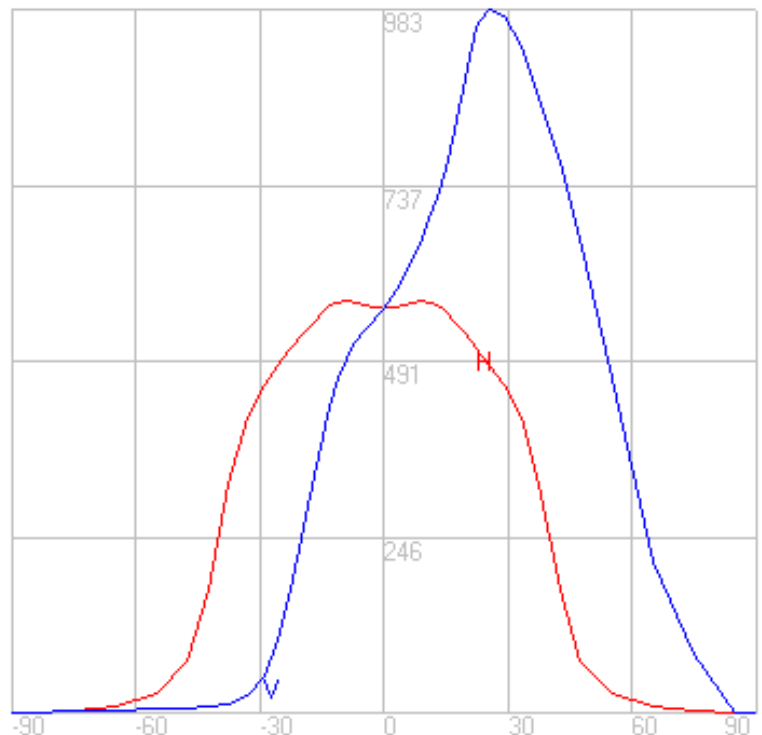
Zone	Lumens
0-10	54.97
10-20	160.70
20-30	219.92
30-40	220.09
40-50	184.77
50-60	113.04
60-70	50.94
70-80	18.00
80-90	1.83
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Isofootcandle grid on wall

Setback: 5 ft.

Grid Spacing: 2.5 ft.



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

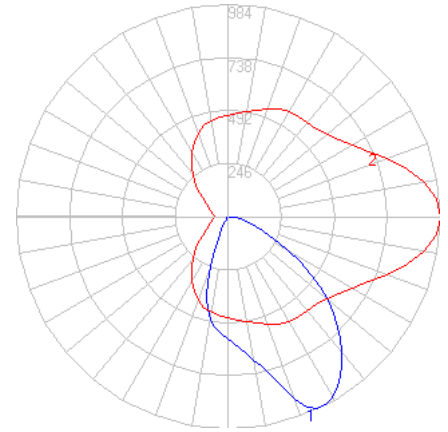
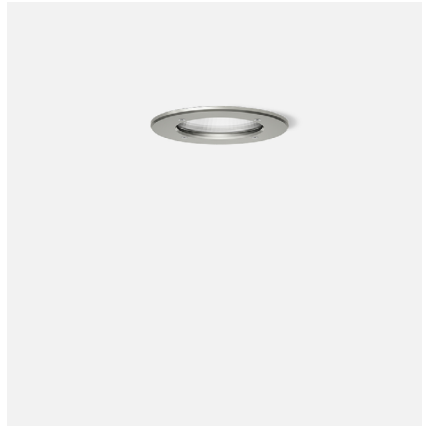
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2023

8/14/2023

BEGA

File: 24322K35_BEGA_IES.ies

TEST: BE_24322K4
TEST LAB: BEGA
DATE: 6/25/2019
LUMINAIRE: 24 322K35
LAMP: 11.5W LED

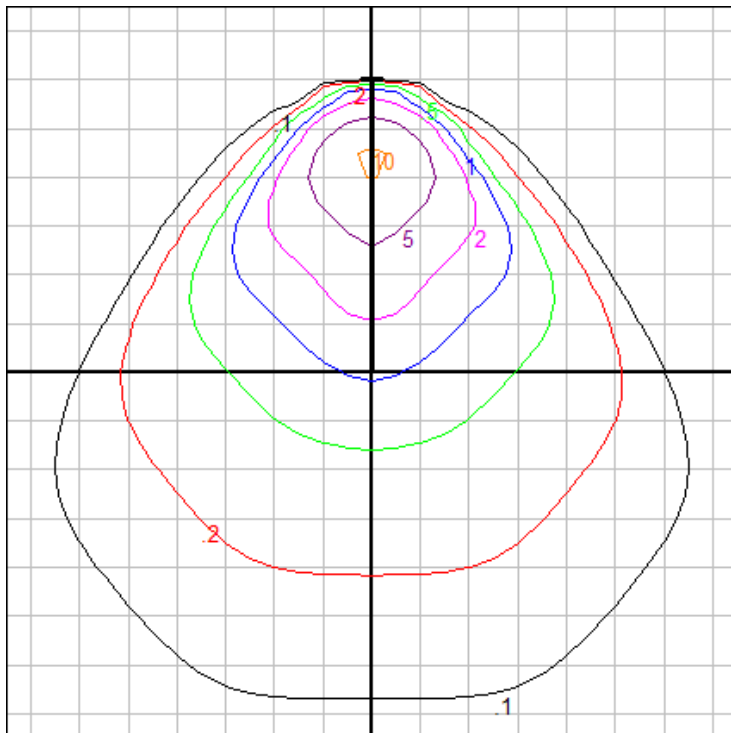


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	982.663
Maximum Candela Angle	0 H 25.5 V
Horizontal Beam Angle (50%)	54.3
Vertical Beam Angle (50%)	63.4
Horizontal Field Angle (10%)	94.7
Vertical Field Angle (10%)	99.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	603
Beam Efficiency	N.A.
Field Lumens	972
Field Efficiency	N.A.
Spill Lumens	57
Luminaire Lumens	1028
Total Efficiency	N.A.
Total Luminaire Watts	14
Ballast Factor	1.00

Zonal Lumen Summary

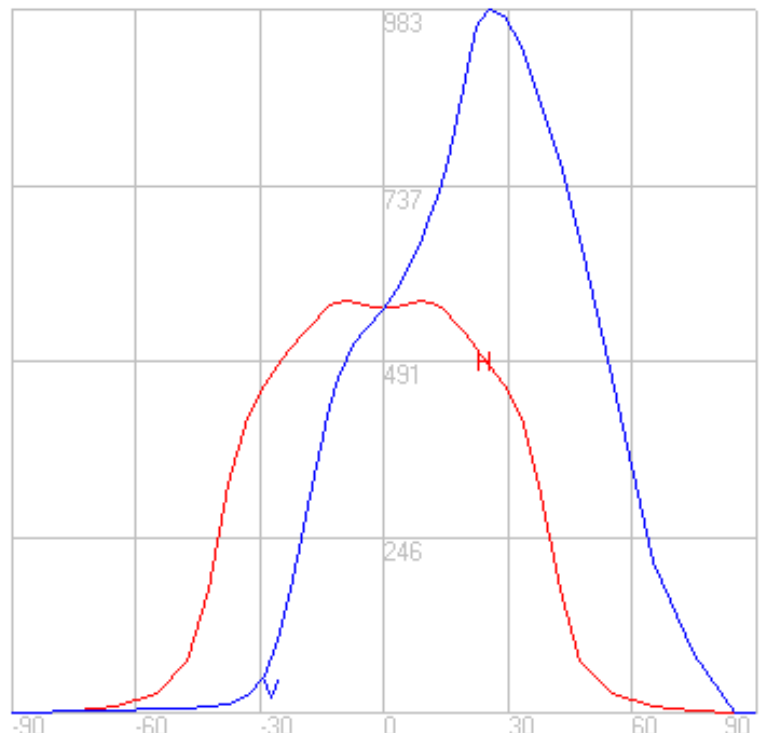
Zone	Lumens
0-10	54.97
10-20	160.70
20-30	219.92
30-40	220.09
40-50	184.77
50-60	113.04
60-70	50.94
70-80	18.00
80-90	1.83
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Isofootcandle grid on wall

Setback: 5 ft.

Grid Spacing: 2.5 ft.



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

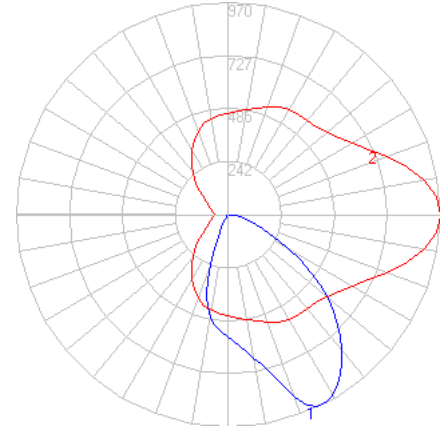
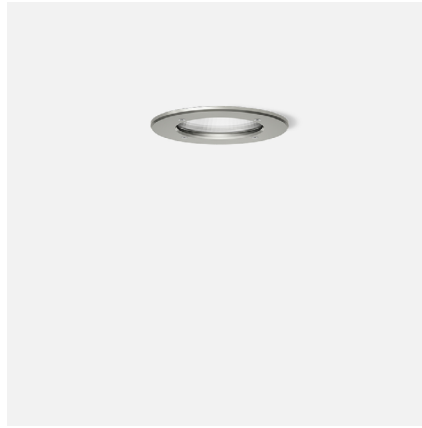
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2023

8/14/2023

BEGA

File: 24322K3_BEGA_IES.ies

TEST: BE_24322K4
TEST LAB: BEGA
DATE: 6/25/2019
LUMINAIRE: 24 322K3
LAMP: 11.5W LED

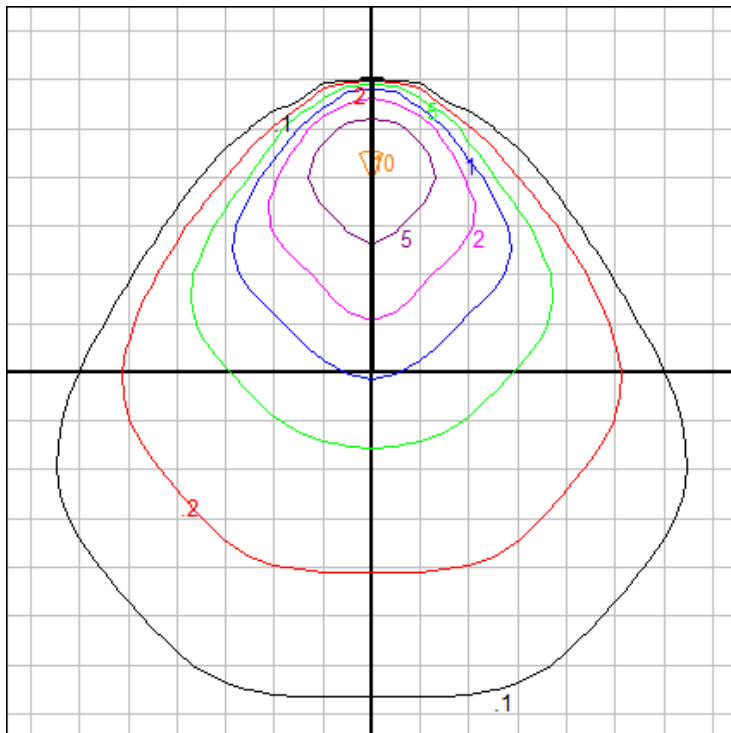


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	968.725
Maximum Candela Angle	0 H 25.5 V
Horizontal Beam Angle (50%)	54.3
Vertical Beam Angle (50%)	63.4
Horizontal Field Angle (10%)	94.7
Vertical Field Angle (10%)	99.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	595
Beam Efficiency	N.A.
Field Lumens	958
Field Efficiency	N.A.
Spill Lumens	56
Luminaire Lumens	1014
Total Efficiency	N.A.
Total Luminaire Watts	14
Ballast Factor	1.00

Zonal Lumen Summary

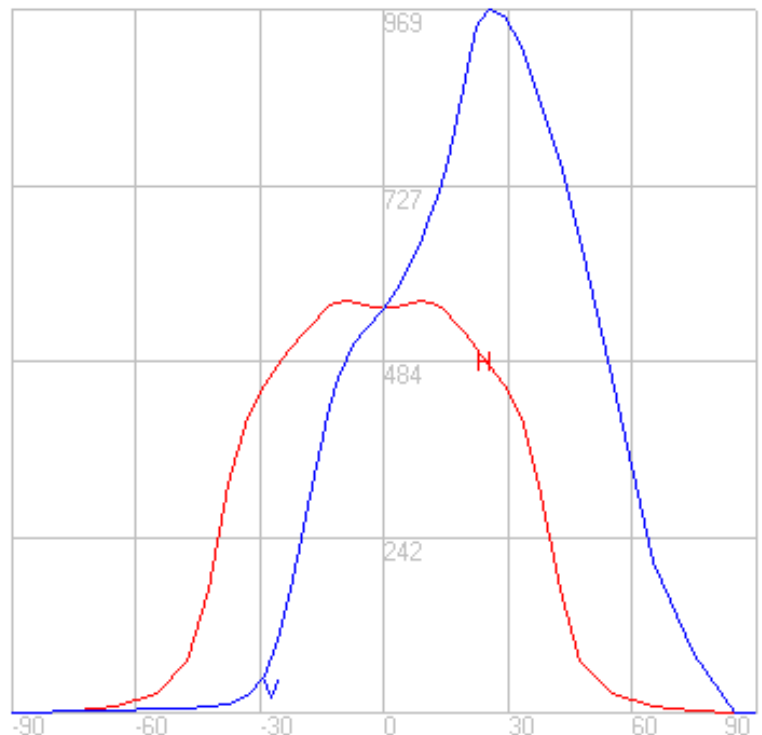
Zone	Lumens
0-10	54.19
10-20	158.42
20-30	216.80
30-40	216.97
40-50	182.15
50-60	111.43
60-70	50.22
70-80	17.74
80-90	1.81
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Isofootcandle grid on wall

Setback: 5 ft.

Grid Spacing: 2.5 ft.



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

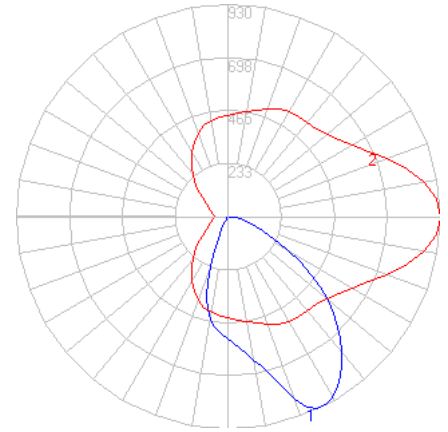
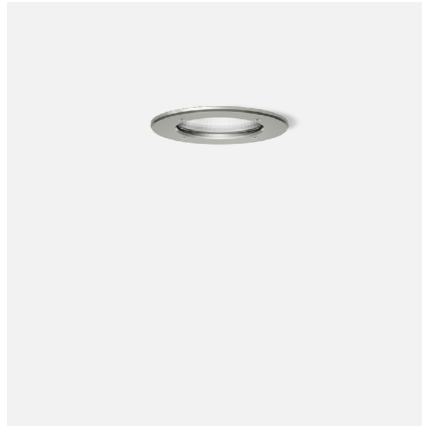
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2023

8/14/2023

BEGA

File: 24322K27_BEGA_IES.ies

TEST: BE_24322K4
TEST LAB: BEGA
DATE: 6/25/2019
LUMINAIRE: 24 322K27
LAMP: 11.5W LED

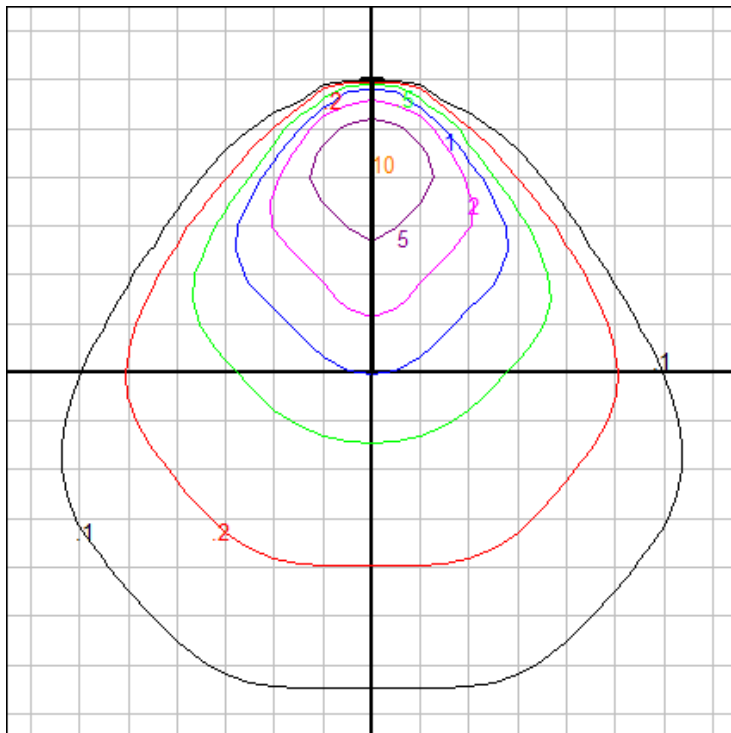


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	929.23
Maximum Candela Angle	0 H 25.5 V
Horizontal Beam Angle (50%)	54.3
Vertical Beam Angle (50%)	63.4
Horizontal Field Angle (10%)	94.7
Vertical Field Angle (10%)	99.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	571
Beam Efficiency	N.A.
Field Lumens	919
Field Efficiency	N.A.
Spill Lumens	54
Luminaire Lumens	972
Total Efficiency	N.A.
Total Luminaire Watts	14
Ballast Factor	1.00

Zonal Lumen Summary

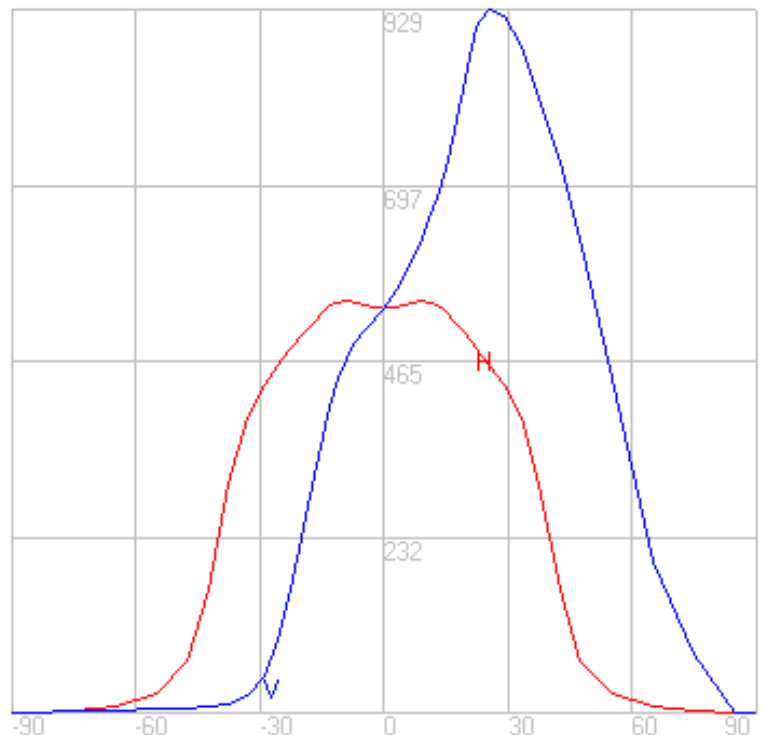
Zone	Lumens
0-10	51.98
10-20	151.96
20-30	207.97
30-40	208.12
40-50	174.73
50-60	106.89
60-70	48.17
70-80	17.02
80-90	1.73
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Isofootcandle grid on wall

Setback: 5 ft.

Grid Spacing: 2.5 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 2023

8/14/2023