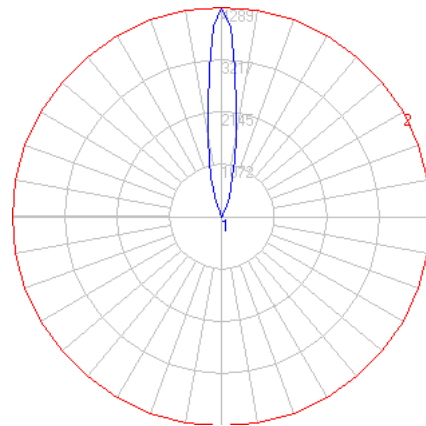


BEGA

Photometric Filename: 77146.ies

TEST: BE-77146-0deg
 TEST LAB: BEGA
 DATE: 2/23/2017
 LUMINAIRE: 77 146
 LAMP: 5.7W LED

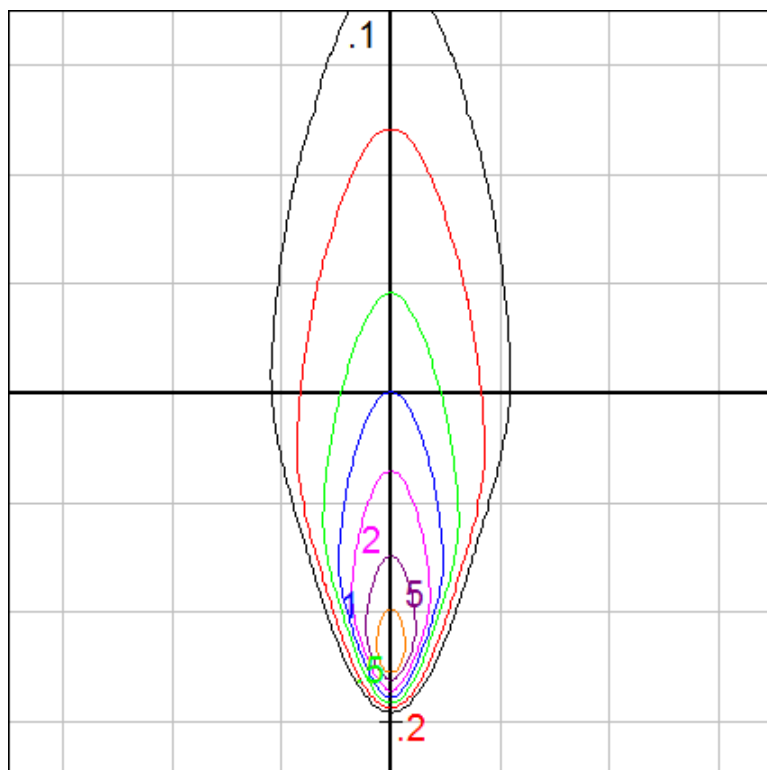


Characteristics

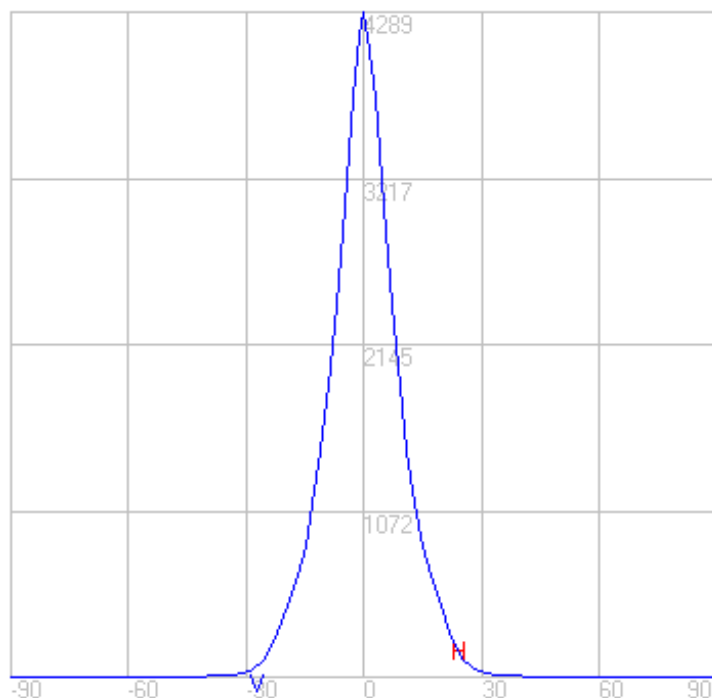
NEMA Type	3 H x 3 V
Maximum Candela	4289
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	15.9
Vertical Beam Angle (50%)	15.9
Horizontal Field Angle (10%)	40.1
Vertical Field Angle (10%)	40.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	164
Beam Efficiency	N.A.
Field Lumens	488
Field Efficiency	N.A.
Spill Lumens	80
Luminaire Lumens	568
Total Efficiency	N.A.
Total Luminaire Watts	7

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	0.00
100-110	0.01
110-120	0.17
120-130	0.44
130-140	1.77
140-150	8.05
150-160	69.90
160-170	243.16
170-180	246.44



Fixture Setback = 1 ft. Grid Spacing = 5 ft.



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

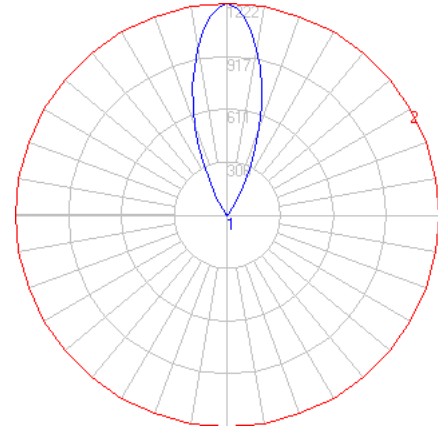
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2017

12/15/2017

BEGA

Photometric Filename: 77146_10043.ies

TEST: BE-77146-0deg_10043
 TEST LAB: BEGA
 DATE: 2/23/2017
 LUMINAIRE: 77 146 + 10 043
 LAMP: 5.7W LED

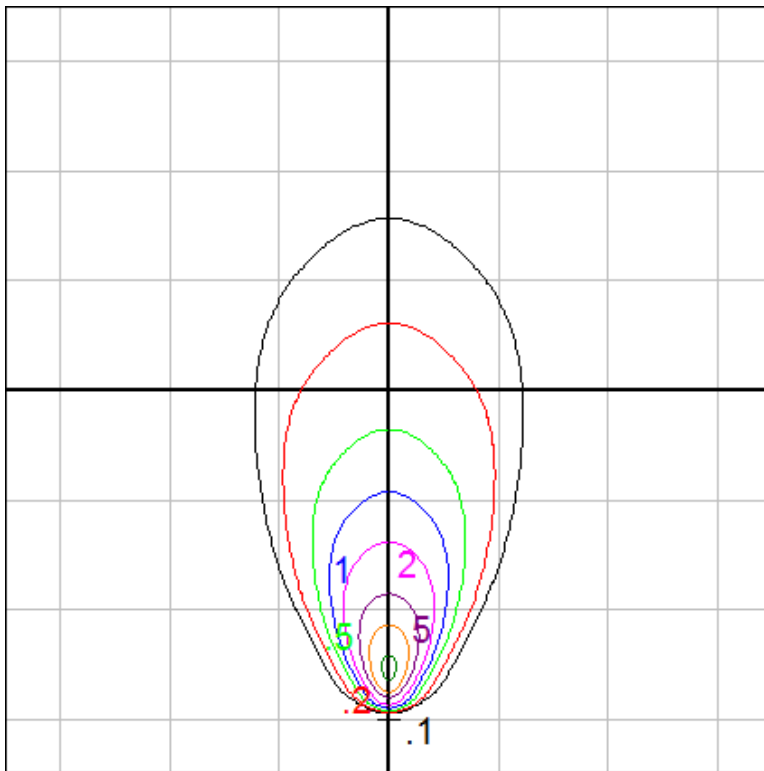


Characteristics

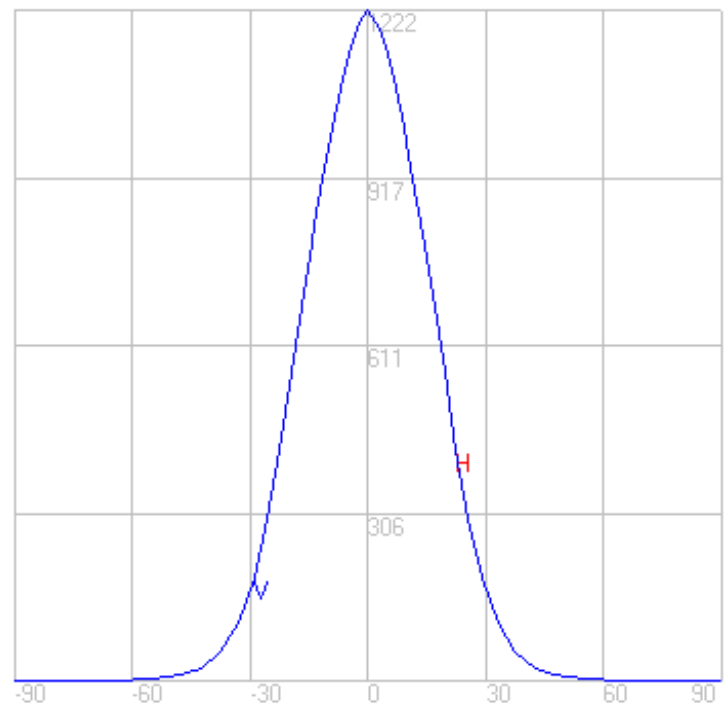
NEMA Type	4 H x 4 V
Maximum Candela	1222.3
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	37.0
Vertical Beam Angle (50%)	37.0
Horizontal Field Angle (10%)	64.4
Vertical Field Angle (10%)	64.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	283
Beam Efficiency	N.A.
Field Lumens	479
Field Efficiency	N.A.
Spill Lumens	54
Luminaire Lumens	533
Total Efficiency	N.A.
Total Luminaire Watts	7

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	0.00
100-110	0.07
110-120	1.17
120-130	4.08
130-140	12.84
140-150	51.89
150-160	147.02
160-170	210.99
170-180	103.79



Fixture Setback = 1 ft. Grid Spacing = 5 ft.



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

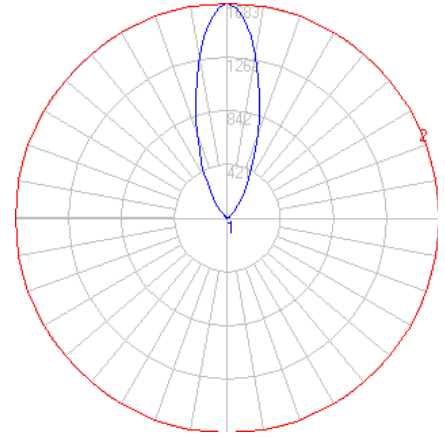
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2017

12/15/2017

BEGA

Photometric Filename: 77146_10014.ies

TEST: BE-77146-0deg_10014
 TEST LAB: BEGA
 DATE: 2/23/2017
 LUMINAIRE: 77 146 + 10 014
 LAMP: 5.7W LED

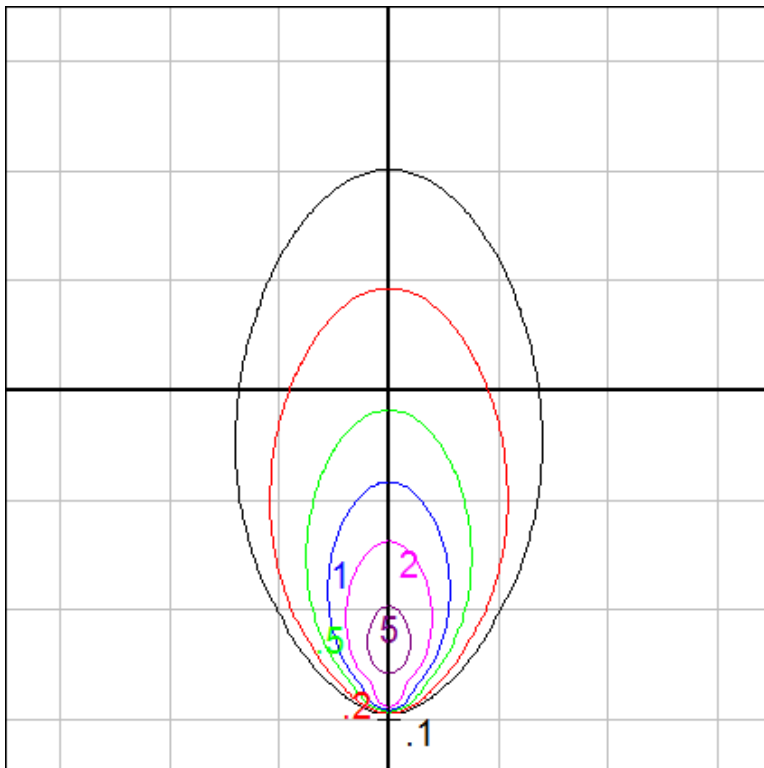


Characteristics

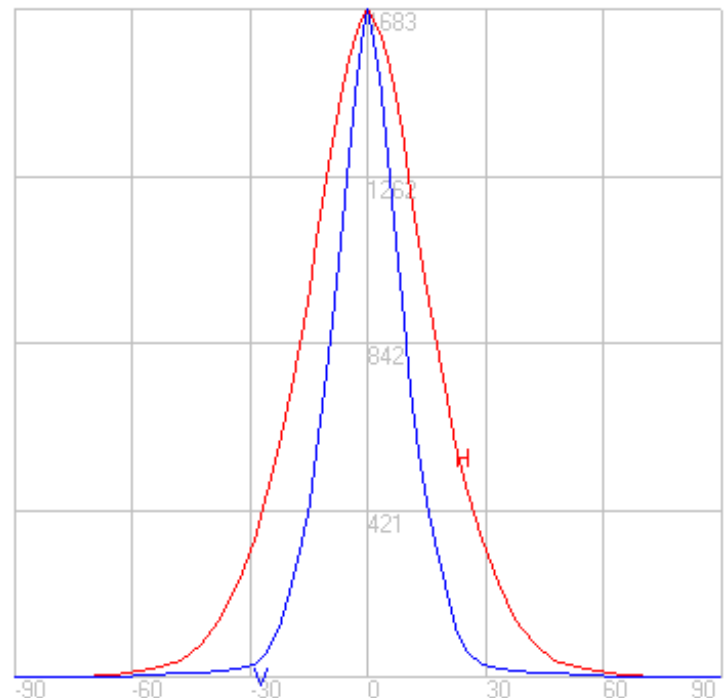
NEMA Type	5 H x 3 V
Maximum Candela	1683.3
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	34.8
Vertical Beam Angle (50%)	19.3
Horizontal Field Angle (10%)	72.9
Vertical Field Angle (10%)	42.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	177
Beam Efficiency	N.A.
Field Lumens	397
Field Efficiency	N.A.
Spill Lumens	74
Luminaire Lumens	471
Total Efficiency	N.A.
Total Luminaire Watts	7

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	0.00
100-110	0.11
110-120	1.92
120-130	6.48
130-140	16.43
140-150	42.64
150-160	101.60
160-170	179.40
170-180	122.94



Fixture Setback = 1 ft. Grid Spacing = 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 2017

12/15/2017