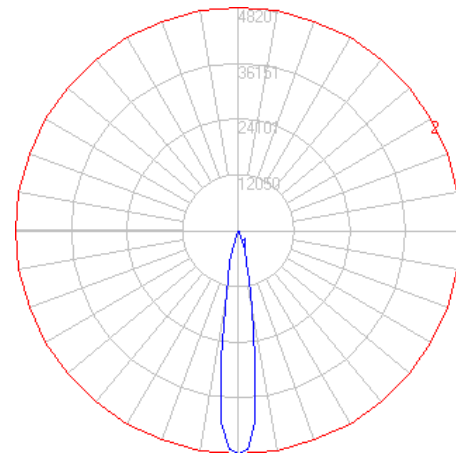


BEGA

Photometric Filename: 77709.ies

TEST: BE_77709
TEST LAB: BEGA
DATE: 11/20/2017
LUMINAIRE: 77 709
LAMP: 72.2W LED

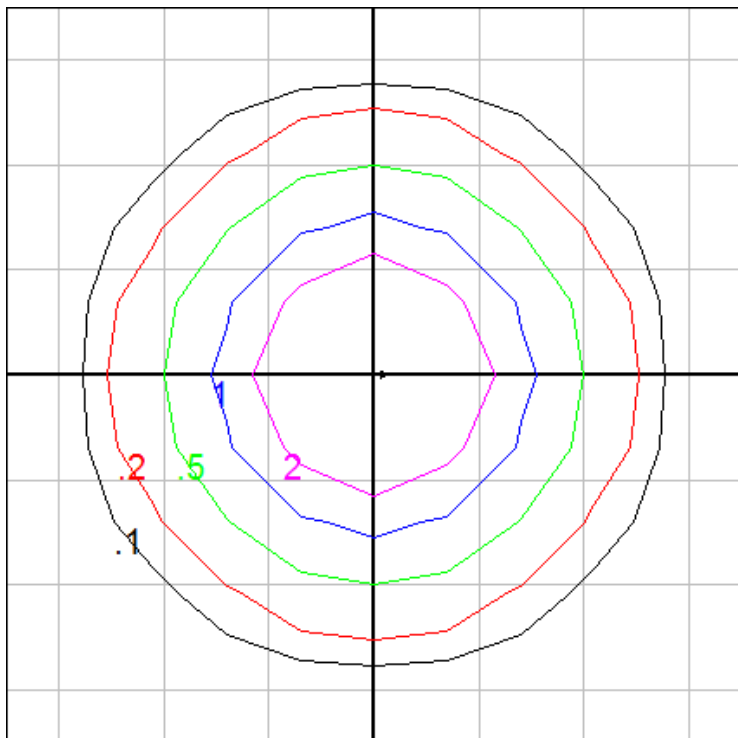


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	48201
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	16.9
Vertical Beam Angle (50%)	16.9
Horizontal Field Angle (10%)	34.3
Vertical Field Angle (10%)	34.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2475
Beam Efficiency	N.A.
Field Lumens	4790
Field Efficiency	N.A.
Spill Lumens	735
Luminaire Lumens	5525
Total Efficiency	N.A.
Total Luminaire Watts	82

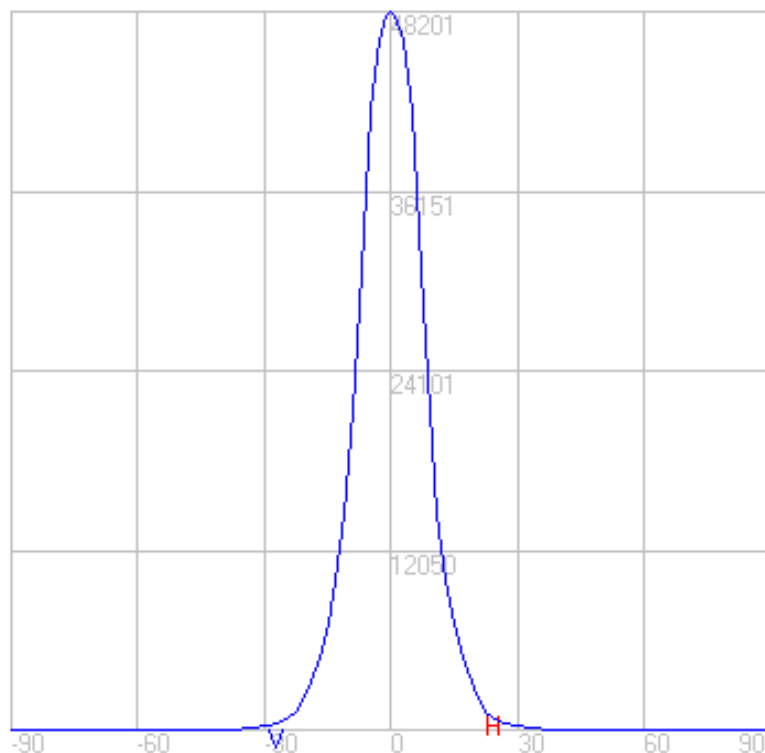
Zonal Lumen Summary

Zone	Lumens
0-10	3067.43
10-20	2069.53
20-30	364.63
30-40	43.17
40-50	6.83
50-60	1.43
60-70	0.16
70-80	0.07
80-90	0.00
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 = 100 ft.

Grid Spacing = 15 ft.



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

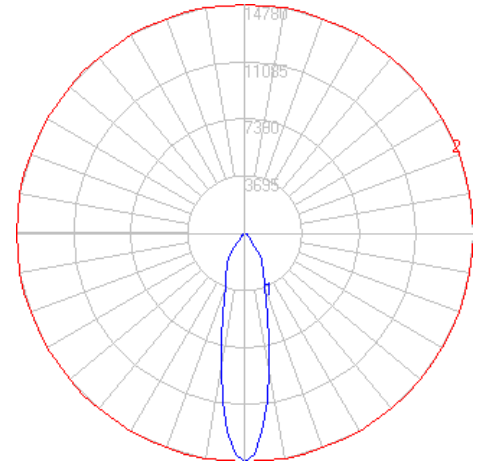
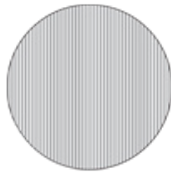
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11/20/2017

BEGA

Photometric Filename: 77709_70065.ies

TEST: BE_77709_70065
 TEST LAB: BEGA
 DATE: 11/20/2017
 LUMINAIRE: 77 709 + 70 065
 LAMP: 72.2W LED

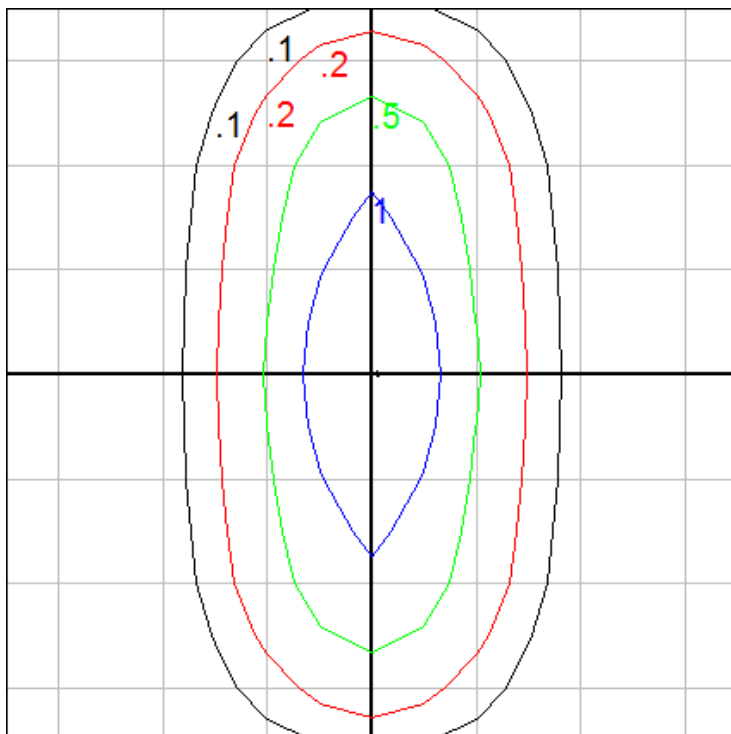


Characteristics

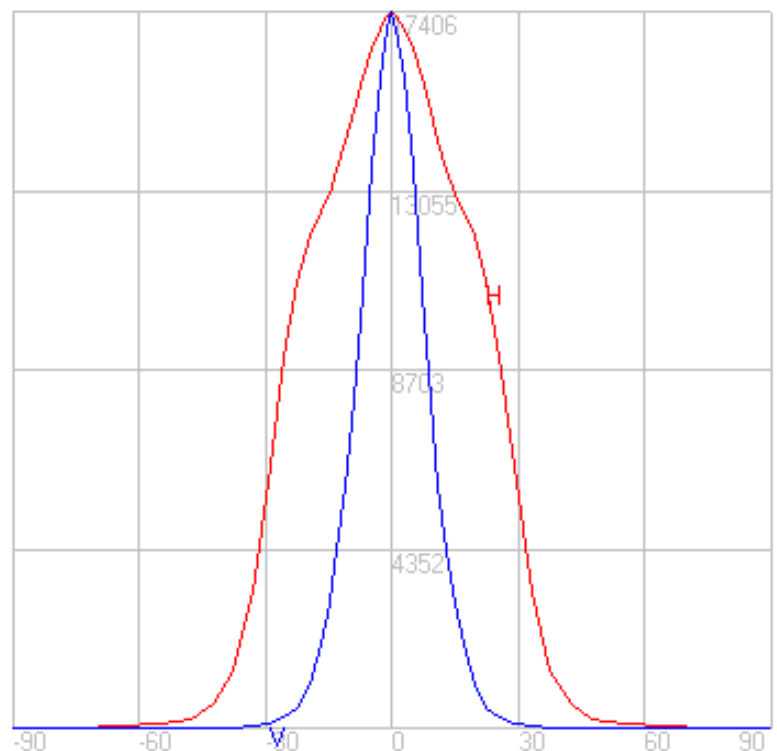
NEMA Type	5 H x 3 V
Maximum Candela	17406.1
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	51.8
Vertical Beam Angle (50%)	16.9
Horizontal Field Angle (10%)	73.4
Vertical Field Angle (10%)	35.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2573
Beam Efficiency	N.A.
Field Lumens	4485
Field Efficiency	N.A.
Spill Lumens	571
Luminaire Lumens	5056
Total Efficiency	N.A.
Total Luminaire Watts	82

Zonal Lumen Summary

Zone	Lumens
0-10	1275.9
10-20	1877.5
20-30	1308.1
30-40	459.41
40-50	96.99
50-60	24.06
60-70	10.25
70-80	4.39
80-90	0.71
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 = 100 ft. Grid Spacing = 20 ft.



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