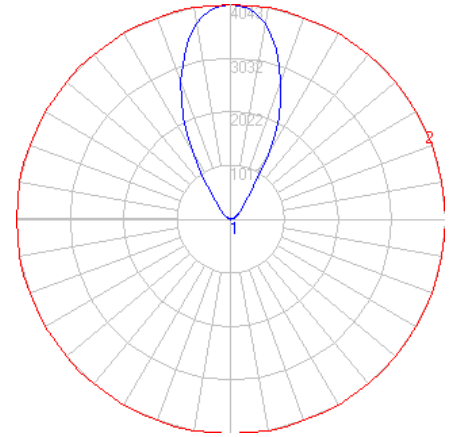


BEGA

Photometric Filename: 84166K4.IES

TEST: BE_84166
TEST LAB: BEGA
DATE: 07/01/2019
LUMINAIRE: 84166K4
LAMP: 31.6W LED

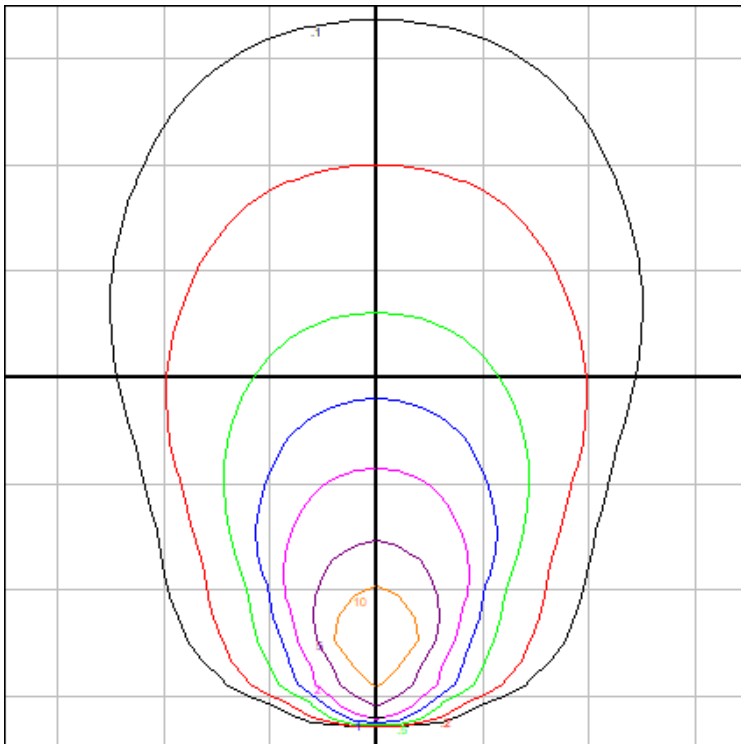


Characteristics

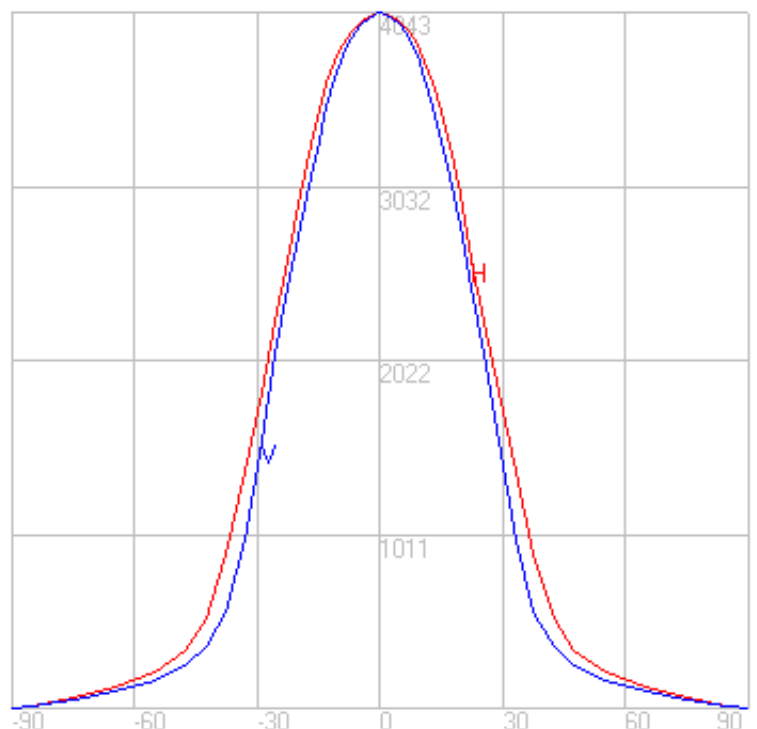
NEMA Type	5 H x 5 V
Maximum Candela	4043.3
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	54.8
Vertical Beam Angle (50%)	51.6
Horizontal Field Angle (10%)	91.3
Vertical Field Angle (10%)	82.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2106
Beam Efficiency	N.A.
Field Lumens	3280
Field Efficiency	N.A.
Spill Lumens	490
Luminaire Lumens	3770
Total Efficiency	N.A.
Total Luminaire Watts	35.6

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	12.32
100-110	60.40
110-120	114.75
120-130	179.85
130-140	329.34
140-150	708.77
150-160	1040.16
160-170	943.73
170-180	373.72



Fixture Setback = 2.0 ft Grid Spacing = 6 ft.

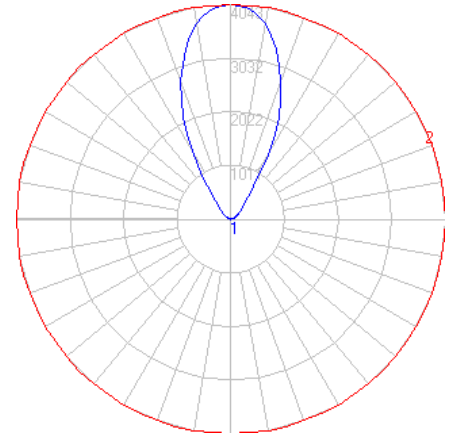


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

BEGA

Photometric Filename: 84166K35.IES

TEST: BE_84166
TEST LAB: BEGA
DATE: 07/01/2019
LUMINAIRE: 84166K35
LAMP: 31.6W LED

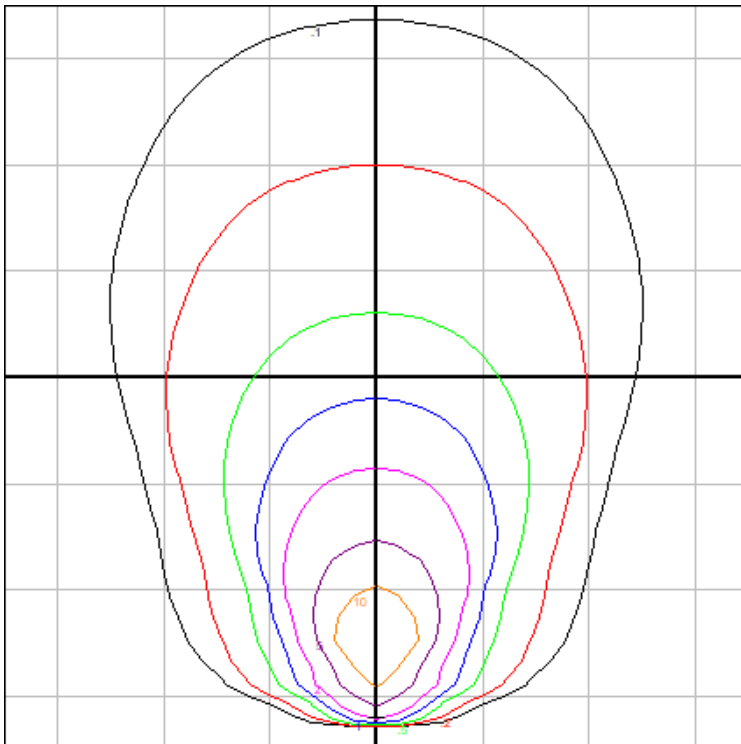


Characteristics

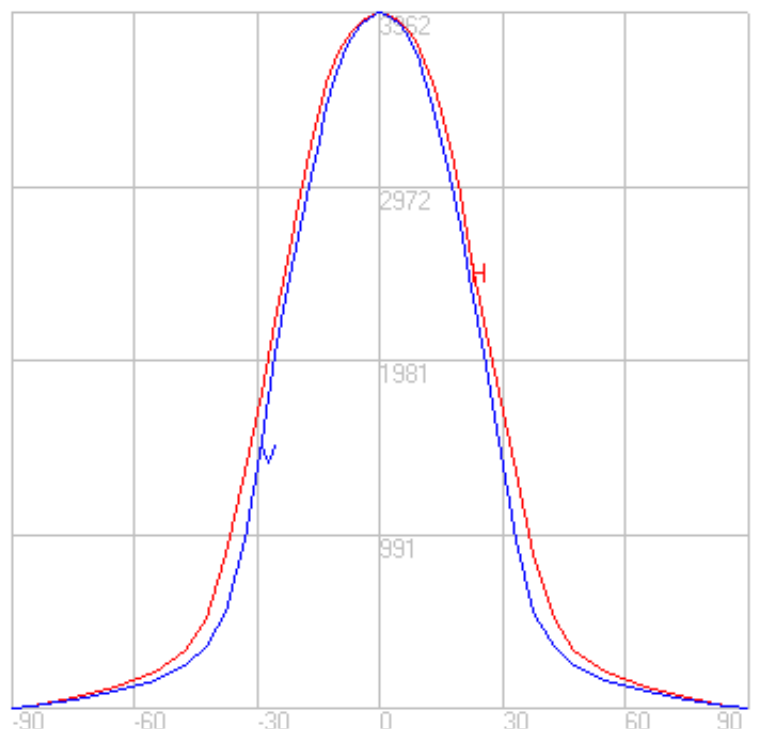
NEMA Type	5 H x 5 V
Maximum Candela	3962.434
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	54.8
Vertical Beam Angle (50%)	51.6
Horizontal Field Angle (10%)	91.3
Vertical Field Angle (10%)	82.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2064
Beam Efficiency	N.A.
Field Lumens	3215
Field Efficiency	N.A.
Spill Lumens	480
Luminaire Lumens	3694
Total Efficiency	N.A.
Total Luminaire Watts	35.6

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	12.07
100-110	59.19
110-120	112.45
120-130	176.25
130-140	322.76
140-150	694.59
150-160	1019.36
160-170	924.86
170-180	366.25



Fixture Setback = 2.0 ft Grid Spacing = 6 ft.

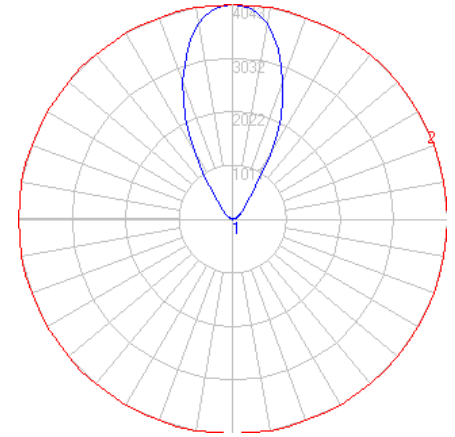


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

BEGA

Photometric Filename: 84166K3.IES

TEST: BE_84166
TEST LAB: BEGA
DATE: 07/01/2019
LUMINAIRE: 84166K3
LAMP: 31.6W LED

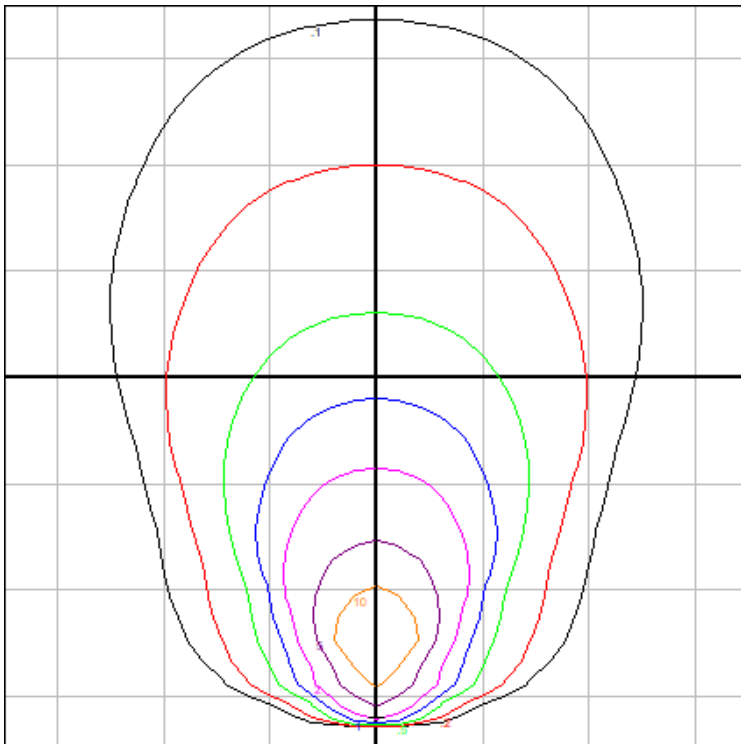


Characteristics

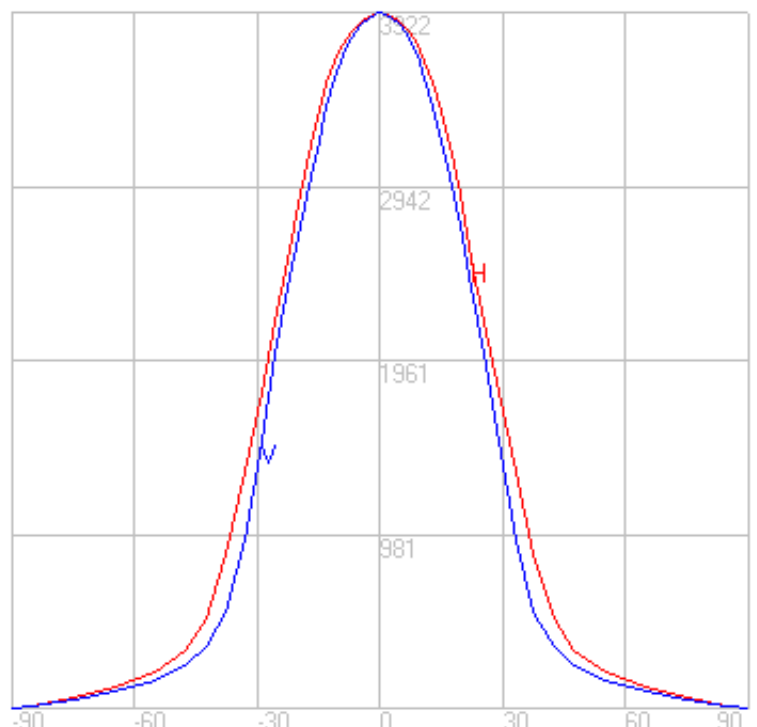
NEMA Type	5 H x 5 V
Maximum Candela	3922.001
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	54.8
Vertical Beam Angle (50%)	51.6
Horizontal Field Angle (10%)	91.3
Vertical Field Angle (10%)	82.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2042
Beam Efficiency	N.A.
Field Lumens	3182
Field Efficiency	N.A.
Spill Lumens	475
Luminaire Lumens	3657
Total Efficiency	N.A.
Total Luminaire Watts	35.6

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	11.95
100-110	58.59
110-120	111.31
120-130	174.45
130-140	319.46
140-150	687.51
150-160	1008.96
160-170	915.42
170-180	362.51



Fixture Setback = 2.0 ft Grid Spacing = 6 ft.

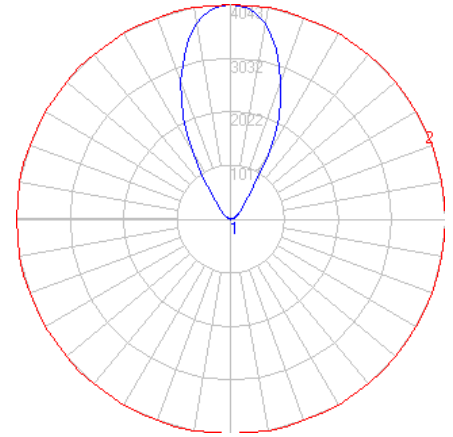


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

BEGA

Photometric Filename: 84166K27.IES

TEST: BE_84166
TEST LAB: BEGA
DATE: 07/01/2019
LUMINAIRE: 84166K27
LAMP: 31.6W LED

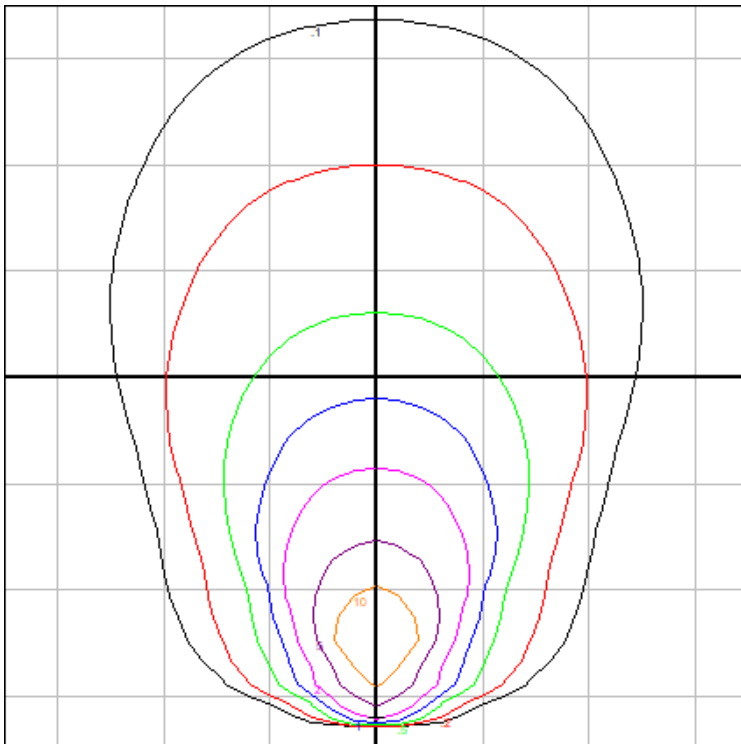


Characteristics

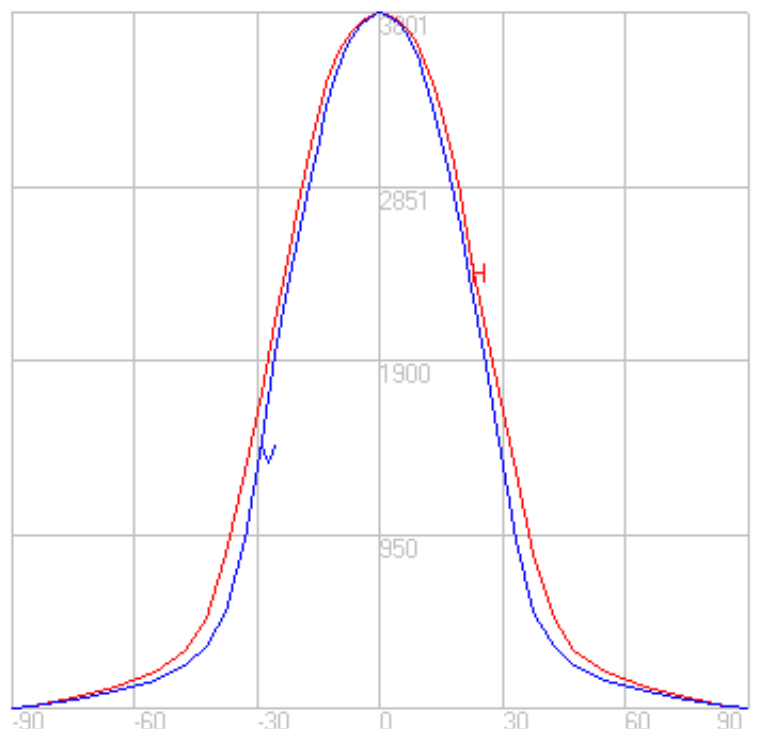
NEMA Type	5 H x 5 V
Maximum Candela	3800.702
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	54.8
Vertical Beam Angle (50%)	51.6
Horizontal Field Angle (10%)	91.3
Vertical Field Angle (10%)	82.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1979
Beam Efficiency	N.A.
Field Lumens	3083
Field Efficiency	N.A.
Spill Lumens	460
Luminaire Lumens	3544
Total Efficiency	N.A.
Total Luminaire Watts	35.6

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	11.58
100-110	56.78
110-120	107.86
120-130	169.06
130-140	309.58
140-150	666.24
150-160	977.75
160-170	887.11
170-180	351.30



Fixture Setback = 2.0 ft Grid Spacing = 6 ft.



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