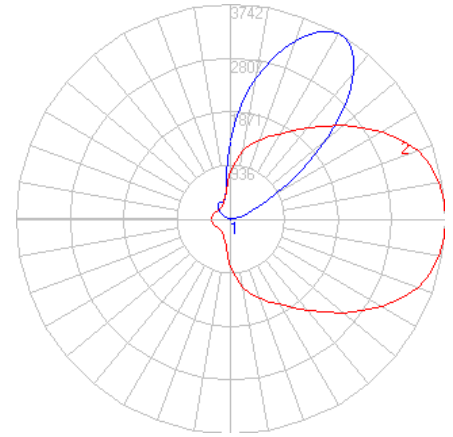


BEGA

Photometric Filename: 84163K4.IES

TEST: BE_84163K4
TEST LAB: BEGA
DATE: 10/17/2018
LUMINAIRE: 84163K4
LAMP: 31.6W LED

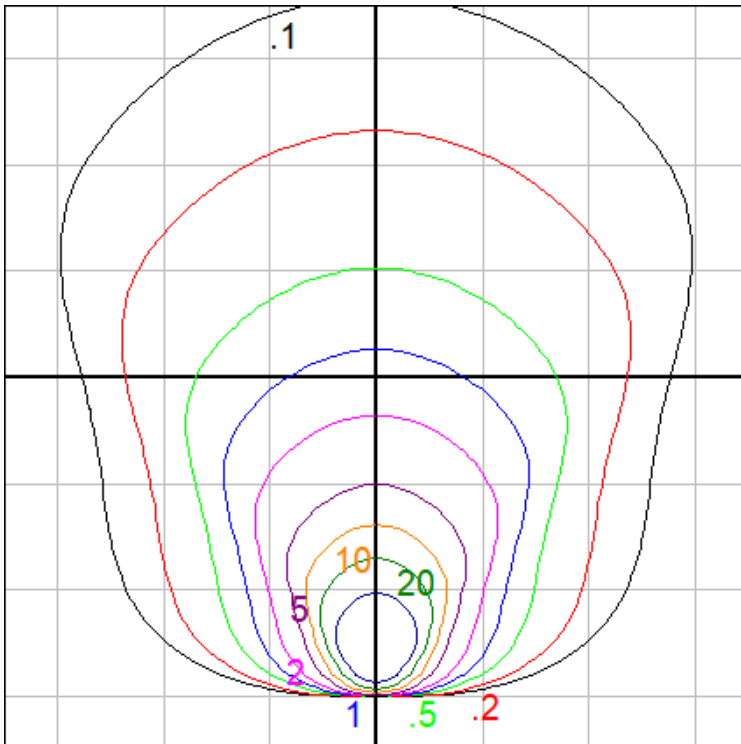


Characteristics

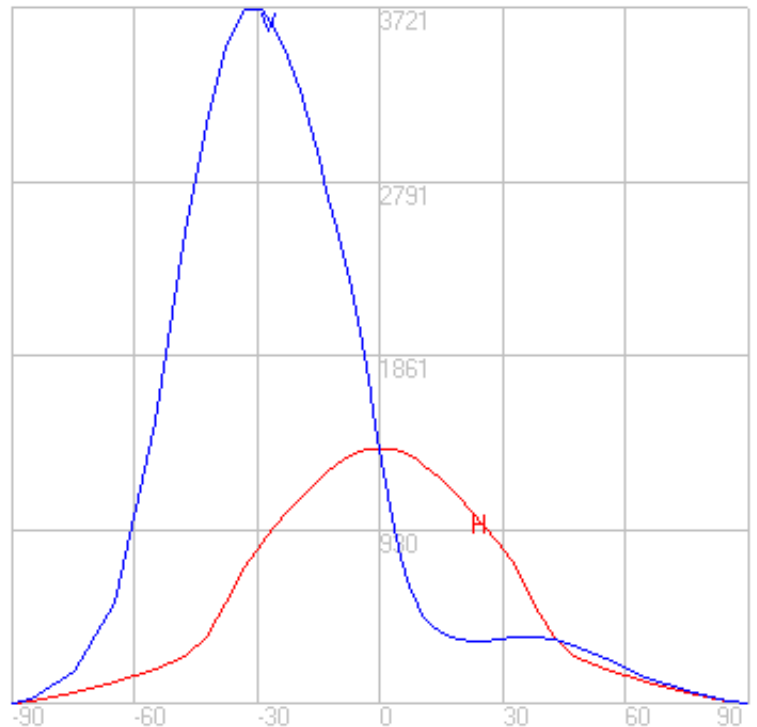
NEMA Type	5 H x 5 V
Maximum Candela	3721.4
Maximum Candela Angle	-1 H -29 V
Horizontal Beam Angle (50%)	53.0
Vertical Beam Angle (50%)	48.4
Horizontal Field Angle (10%)	87.4
Vertical Field Angle (10%)	85.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1701
Beam Efficiency	N.A.
Field Lumens	2725
Field Efficiency	N.A.
Spill Lumens	615
Luminaire Lumens	3339
Total Efficiency	N.A.
Total Luminaire Watts	35.2

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	16.37
100-110	85.61
110-120	195.21
120-130	403.09
130-140	666.92
140-150	779.75
150-160	650.77
160-170	397.63
170-180	130.44



Fixture Setback = 2 ft. Grid Spacing = 5 ft.



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

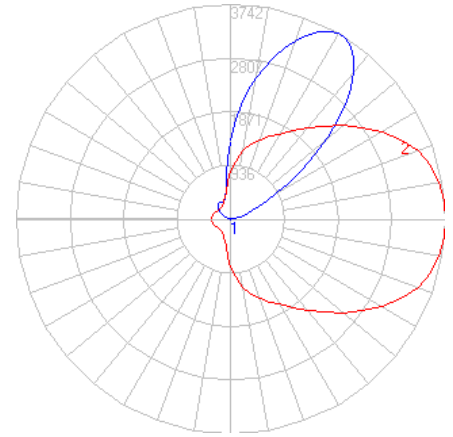
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BEGA

Photometric Filename: 84163K35.IES

TEST: BE_84163K4
 TEST LAB: BEGA
 DATE: 10/17/2018
 LUMINAIRE: 84163K35
 LAMP: 31.6W LED

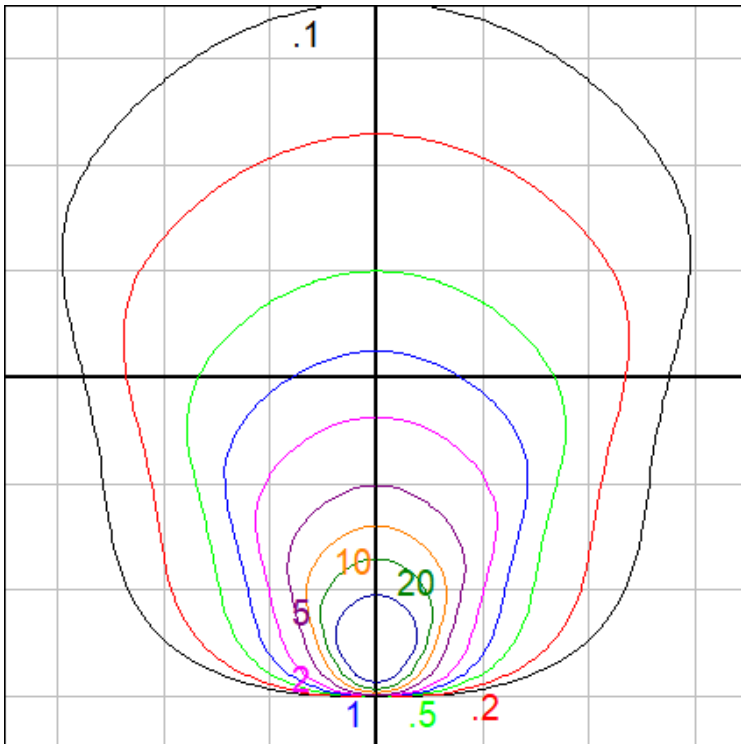


Characteristics

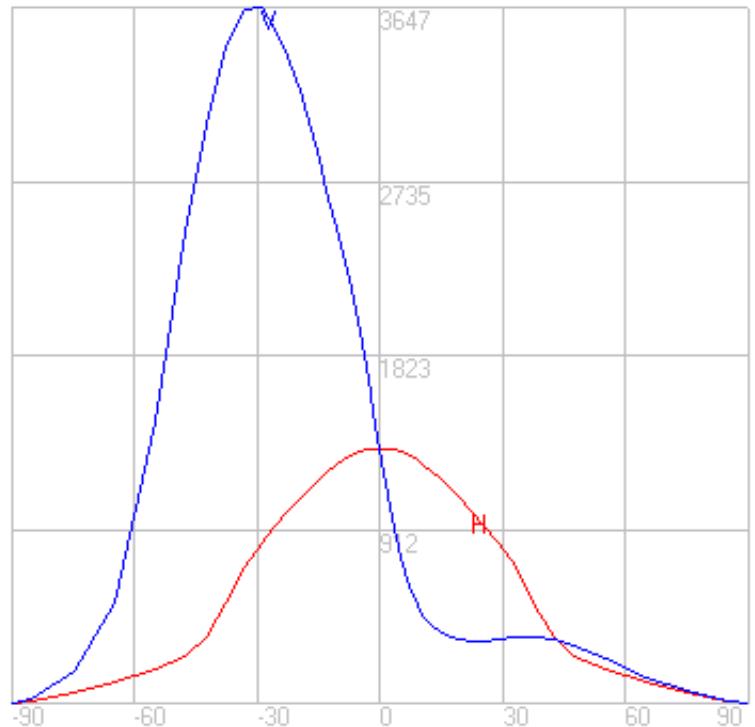
NEMA Type	5 H x 5 V
Maximum Candela	3646.92
Maximum Candela Angle	-1 H -29 V
Horizontal Beam Angle (50%)	53.0
Vertical Beam Angle (50%)	48.4
Horizontal Field Angle (10%)	87.4
Vertical Field Angle (10%)	85.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1667
Beam Efficiency	N.A.
Field Lumens	2670
Field Efficiency	N.A.
Spill Lumens	602
Luminaire Lumens	3272
Total Efficiency	N.A.
Total Luminaire Watts	35.2

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	16.05
100-110	83.90
110-120	191.31
120-130	395.03
130-140	653.58
140-150	764.16
150-160	637.76
160-170	389.68
170-180	127.83



Fixture Setback = 2 ft. Grid Spacing = 5 ft.



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

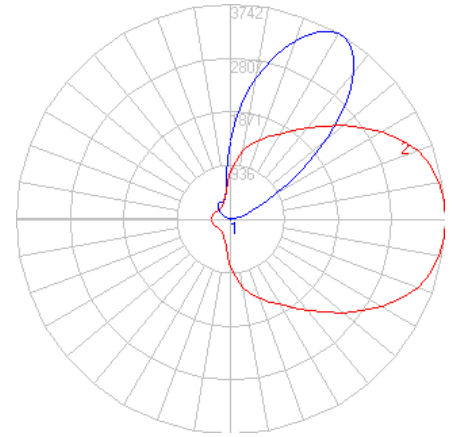
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BEGA

Photometric Filename: 84163K3.IES

TEST: BE_84163K4
TEST LAB: BEGA
DATE: 10/17/2018
LUMINAIRE: 84163K3
LAMP: 31.6W LED

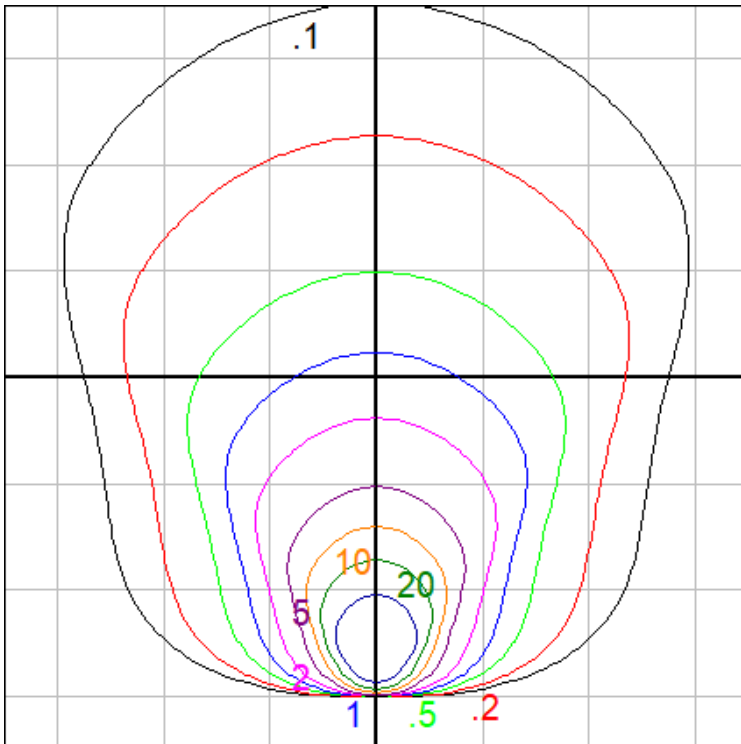


Characteristics

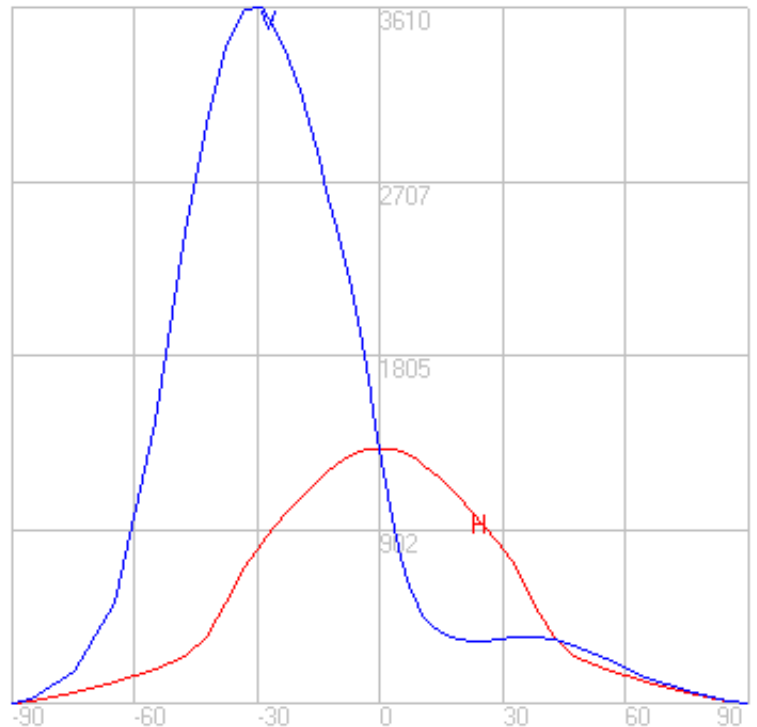
NEMA Type	5 H x 5 V
Maximum Candela	3609.707
Maximum Candela Angle	-1 H -29 V
Horizontal Beam Angle (50%)	53.0
Vertical Beam Angle (50%)	48.4
Horizontal Field Angle (10%)	87.4
Vertical Field Angle (10%)	85.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1650
Beam Efficiency	N.A.
Field Lumens	2643
Field Efficiency	N.A.
Spill Lumens	596
Luminaire Lumens	3239
Total Efficiency	N.A.
Total Luminaire Watts	35.2

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	15.88
100-110	83.04
110-120	189.36
120-130	391.00
130-140	646.91
140-150	756.36
150-160	631.25
160-170	385.70
170-180	126.53



Fixture Setback = 2 ft. Grid Spacing = 5 ft.



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

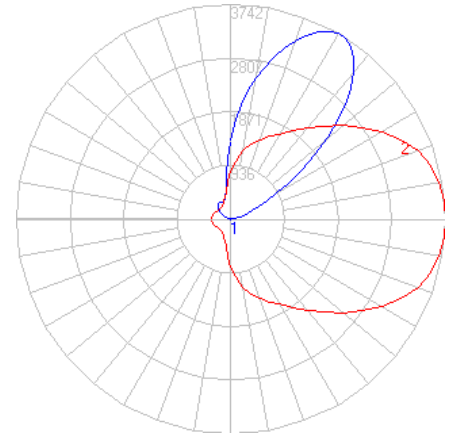
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Photometric Filename: 84163K27.IES

TEST: BE_84163K4
TEST LAB: BEGA
DATE: 10/17/2018
LUMINAIRE: 84163K27
LAMP: 31.6W LED

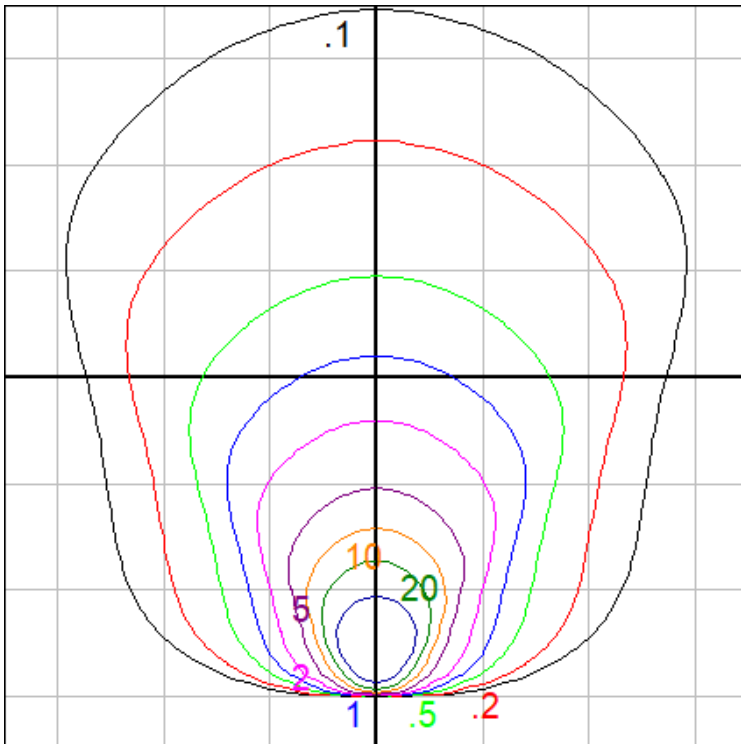


Characteristics

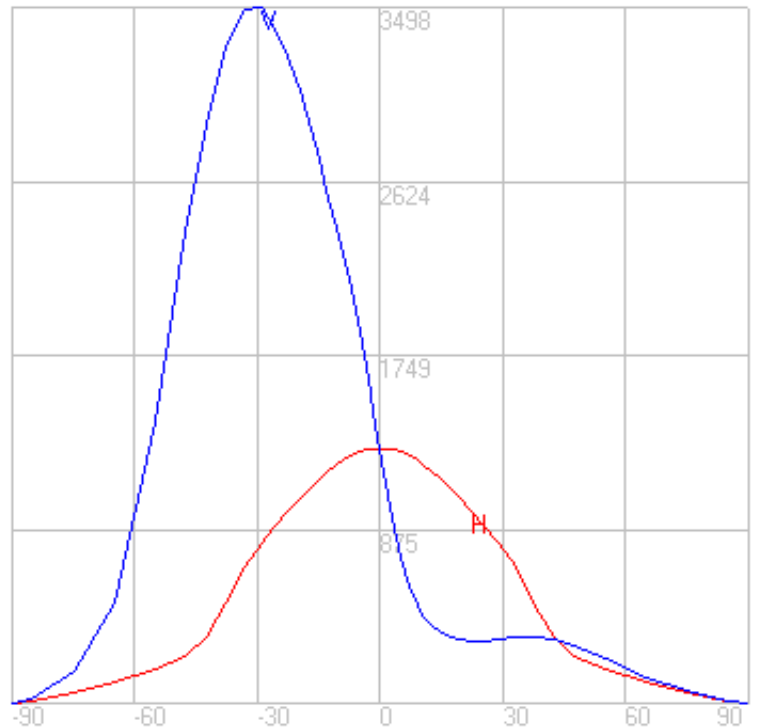
NEMA Type	5 H x 5 V
Maximum Candela	3498.066
Maximum Candela Angle	-1 H -29 V
Horizontal Beam Angle (50%)	53.0
Vertical Beam Angle (50%)	48.4
Horizontal Field Angle (10%)	87.4
Vertical Field Angle (10%)	85.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1599
Beam Efficiency	N.A.
Field Lumens	2561
Field Efficiency	N.A.
Spill Lumens	578
Luminaire Lumens	3139
Total Efficiency	N.A.
Total Luminaire Watts	35.2

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	15.39
100-110	80.48
110-120	183.50
120-130	378.91
130-140	626.90
140-150	732.97
150-160	611.73
160-170	373.77
170-180	122.62



Fixture Setback = 2 ft. Grid Spacing = 5 ft.



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