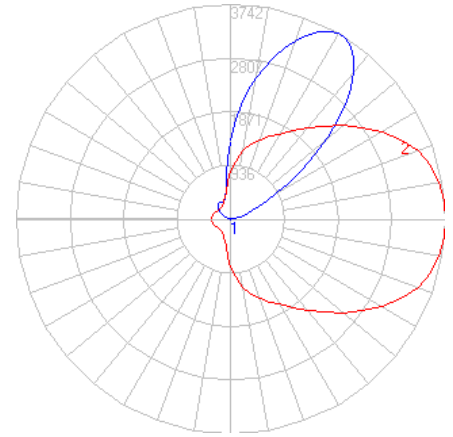


BEGA

Photometric Filename: 84164K35.IES

TEST: BE_84164K4
TEST LAB: BEGA
DATE: 11/13/2018
LUMINAIRE: 84164K35
LAMP: 47.4W LED

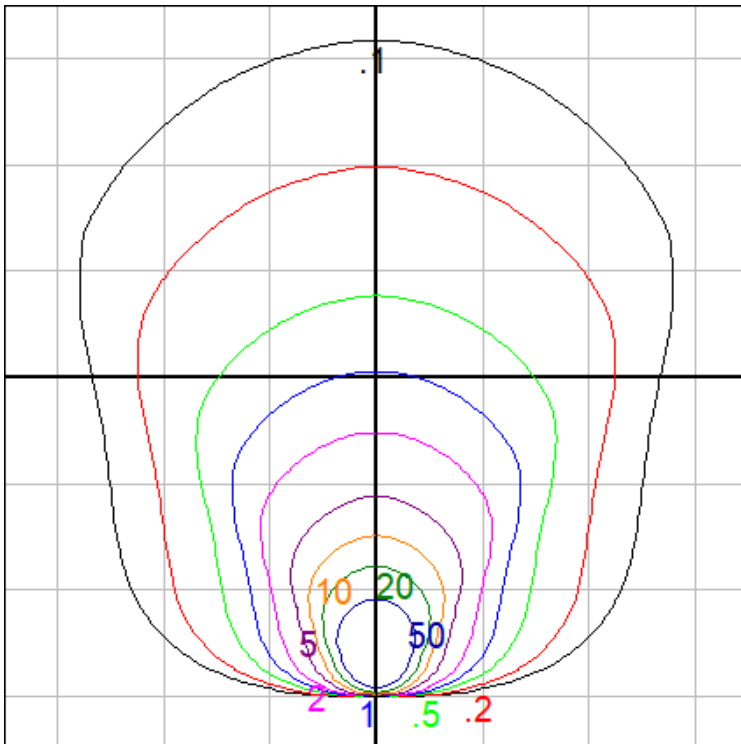


Characteristics

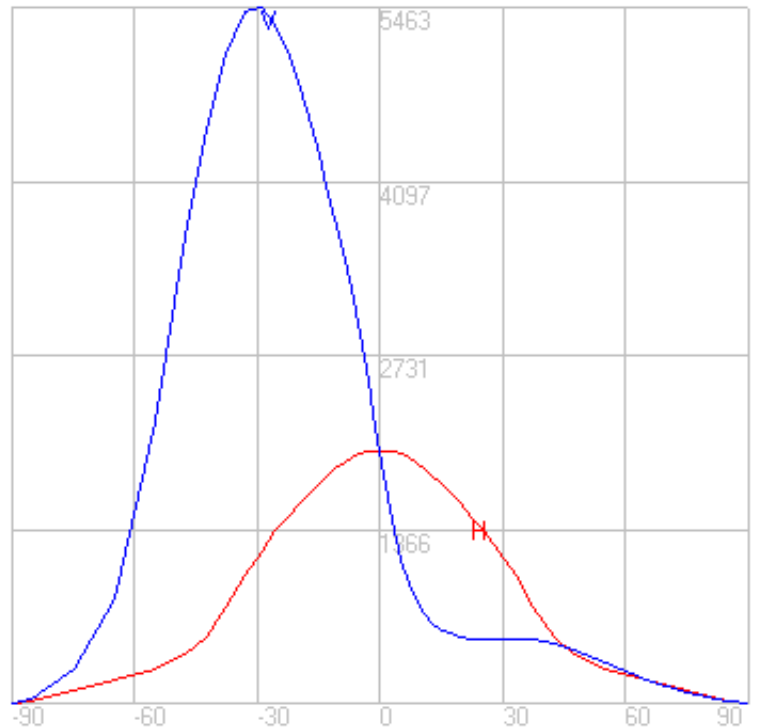
NEMA Type	5 H x 5 V
Maximum Candela	5462.912
Maximum Candela Angle	0 H -29 V
Horizontal Beam Angle (50%)	53.5
Vertical Beam Angle (50%)	48.3
Horizontal Field Angle (10%)	89.6
Vertical Field Angle (10%)	87.0
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2512
Beam Efficiency	N.A.
Field Lumens	4065
Field Efficiency	N.A.
Spill Lumens	898
Luminaire Lumens	54964
Total Efficiency	N.A.
Total Luminaire Watts	54

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	25.11
100-110	133.63
110-120	301.63
120-130	604.18
130-140	986.83
140-150	1151.93
150-160	963.25
160-170	587.74
170-180	190.78



Fixture Setback = 2 ft Grid Spacing = 6 ft.



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

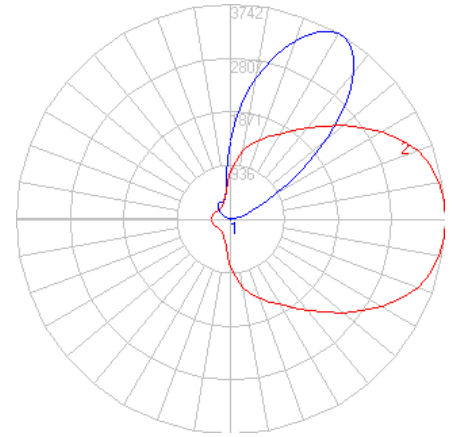
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BEGA

Photometric Filename: 84164K3.IES

TEST: BE_84164K4
 TEST LAB: BEGA
 DATE: 11/13/2018
 LUMINAIRE: 84164K3
 LAMP: 47.4W LED

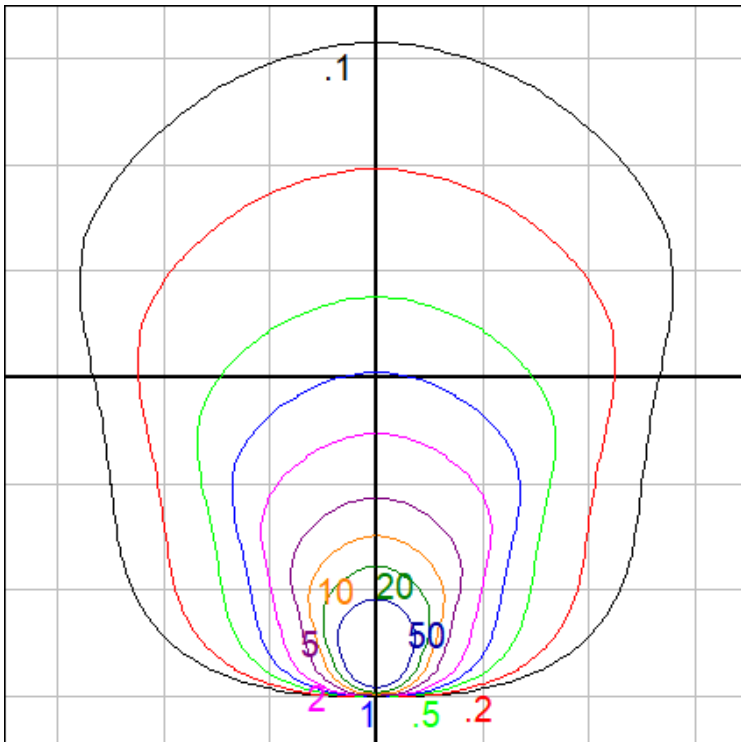


Characteristics

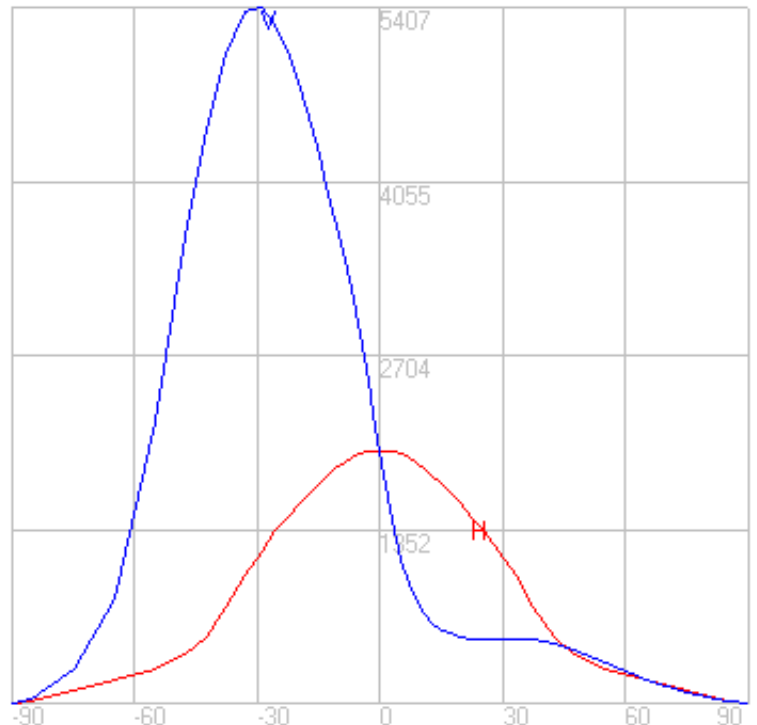
NEMA Type	5 H x 5 V
Maximum Candela	5407.168
Maximum Candela Angle	0 H -29 V
Horizontal Beam Angle (50%)	53.5
Vertical Beam Angle (50%)	48.3
Horizontal Field Angle (10%)	89.6
Vertical Field Angle (10%)	87.0
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2486
Beam Efficiency	N.A.
Field Lumens	4024
Field Efficiency	N.A.
Spill Lumens	889
Luminaire Lumens	4913
Total Efficiency	N.A.
Total Luminaire Watts	54

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	0.01
90-100	24.85
100-110	132.26
110-120	298.56
120-130	598.02
130-140	976.76
140-150	1140.17
150-160	953.42
160-170	581.74
170-180	188.83



Fixture Setback = 2 ft Grid Spacing = 6 ft.



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

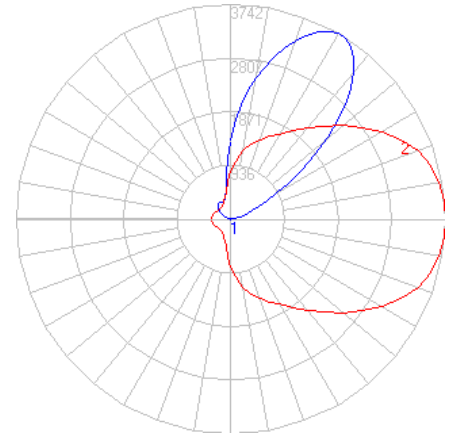
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BEGA

Photometric Filename: 84164K27.IES

TEST: BE_84164K4
TEST LAB: BEGA
DATE: 11/13/2018
LUMINAIRE: 84164K27
LAMP: 47.4W LED

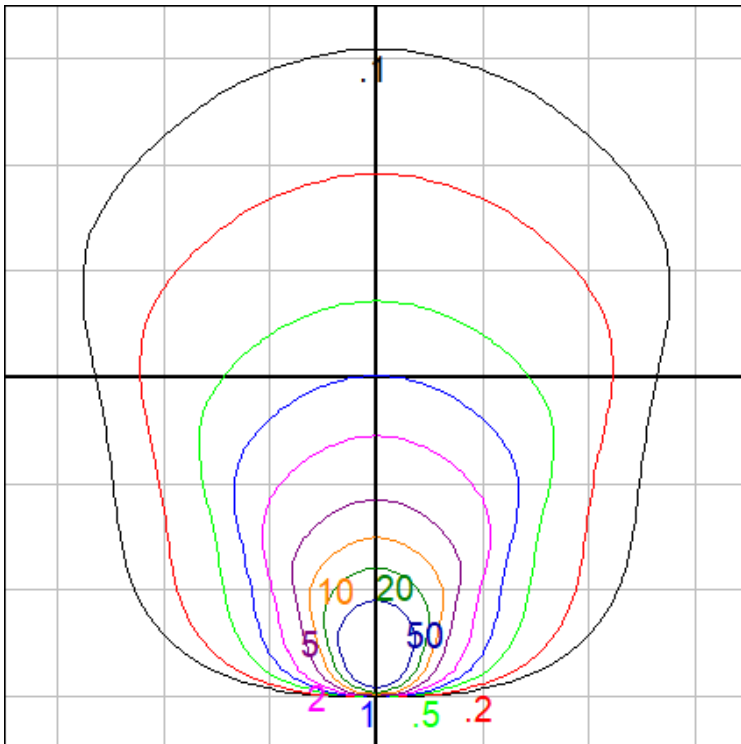


Characteristics

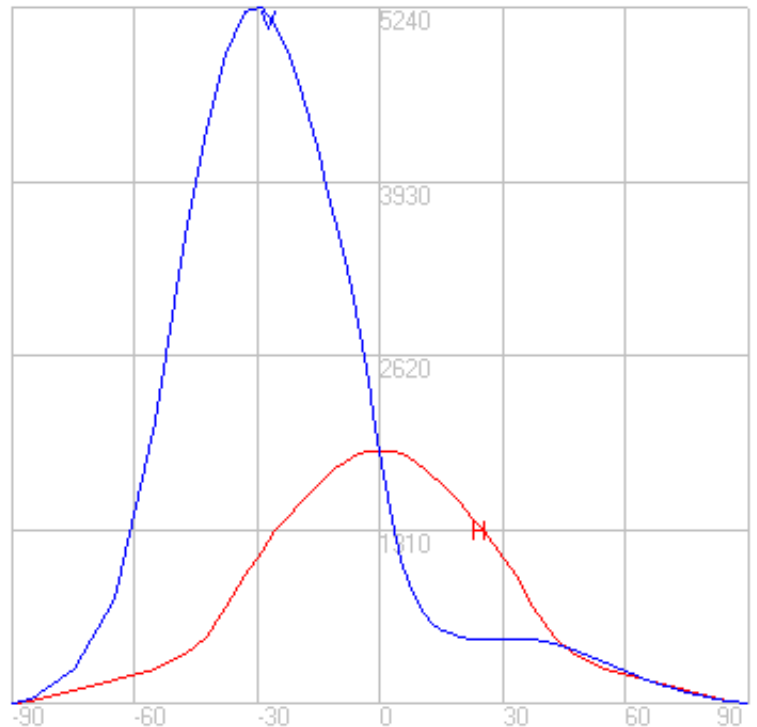
NEMA Type	5 H x 5 V
Maximum Candela	5239.936
Maximum Candela Angle	0 H -29 V
Horizontal Beam Angle (50%)	53.5
Vertical Beam Angle (50%)	48.3
Horizontal Field Angle (10%)	89.6
Vertical Field Angle (10%)	87.0
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2409
Beam Efficiency	N.A.
Field Lumens	3899
Field Efficiency	N.A.
Spill Lumens	862
Luminaire Lumens	4761
Total Efficiency	N.A.
Total Luminaire Watts	54

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	0.01
90-100	24.08
100-110	128.17
110-120	289.32
120-130	579.52
130-140	946.56
140-150	1104.91
150-160	923.93
160-170	563.75
170-180	182.99



Fixture Setback = 2 ft Grid Spacing = 6 ft.



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