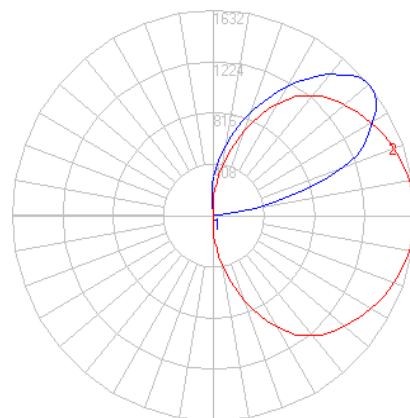


BEGA

File: 33361K4_BEGA_ies.IES

TEST: BE_33361K4
TEST LAB: BEGA
DATE: 09/07/2021
LUMINAIRE: 33361K4
LAMP: 16.2W LED

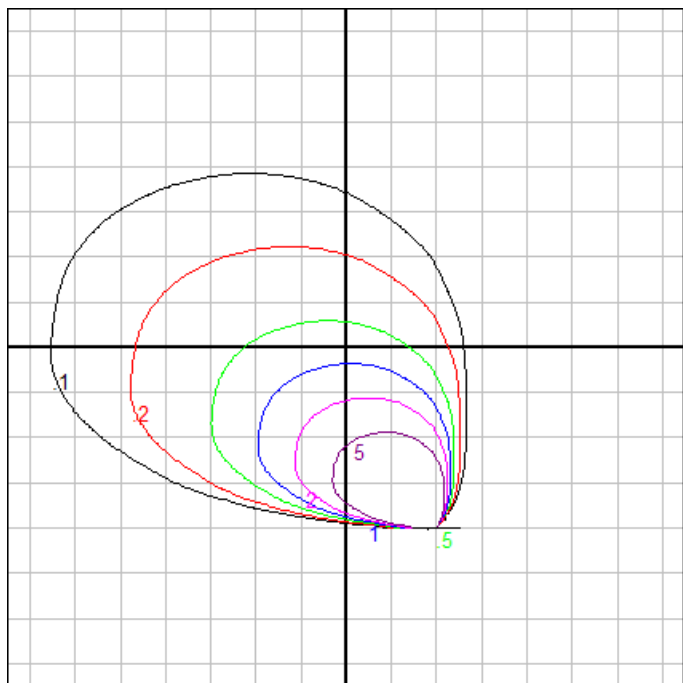


Characteristics

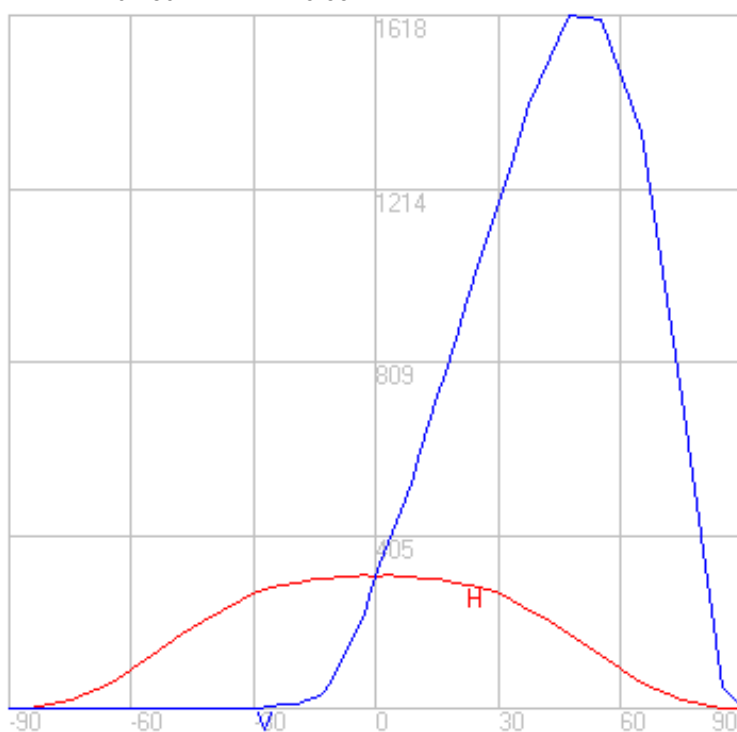
NEMA Type	7 H x 5 V
Maximum Candela	1618
Maximum Candela Angle	0 H 47.5 V
Horizontal Beam Angle (50%)	108.4
Vertical Beam Angle (50%)	55.9
Horizontal Field Angle (10%)	143.7
Vertical Field Angle (10%)	89.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1689
Beam Efficiency	N.A.
Field Lumens	2287
Field Efficiency	N.A.
Spill Lumens	58
Luminaire Lumens	2345
Total Efficiency	N.A.
Total Luminaire Watts	19

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	45.74
100-110	278.80
110-120	468.40
120-130	509.39
130-140	431.87
140-150	306.73
150-160	188.07
160-170	95.41
170-180	29.53



Grid Spacing = 2 ft.



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

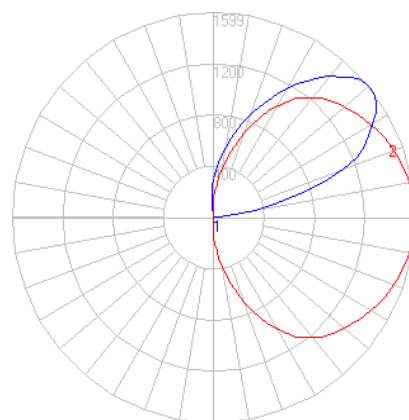
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BEGA

File: 33361K35_BEGA_ies.IES

TEST: BE_33361K4
TEST LAB: BEGA
DATE: 09/07/2021
LUMINAIRE: 33361K35
LAMP: 16.2W LED

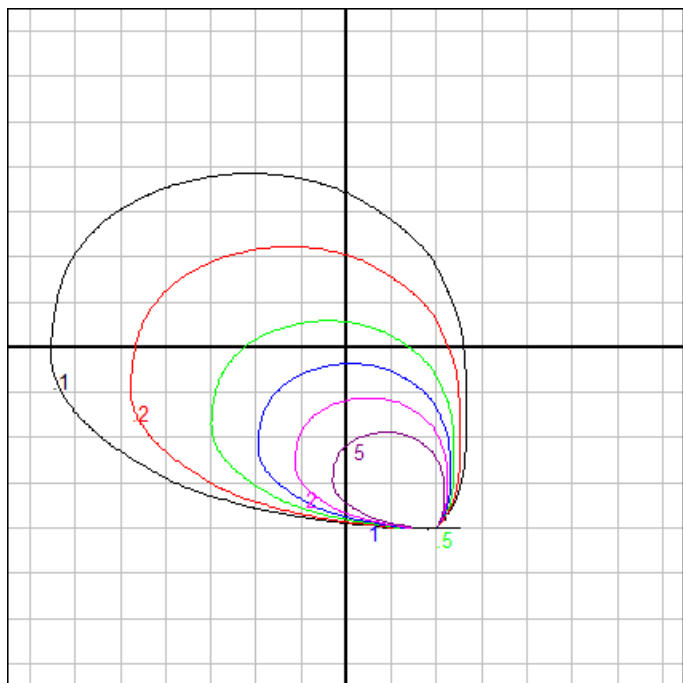


Characteristics

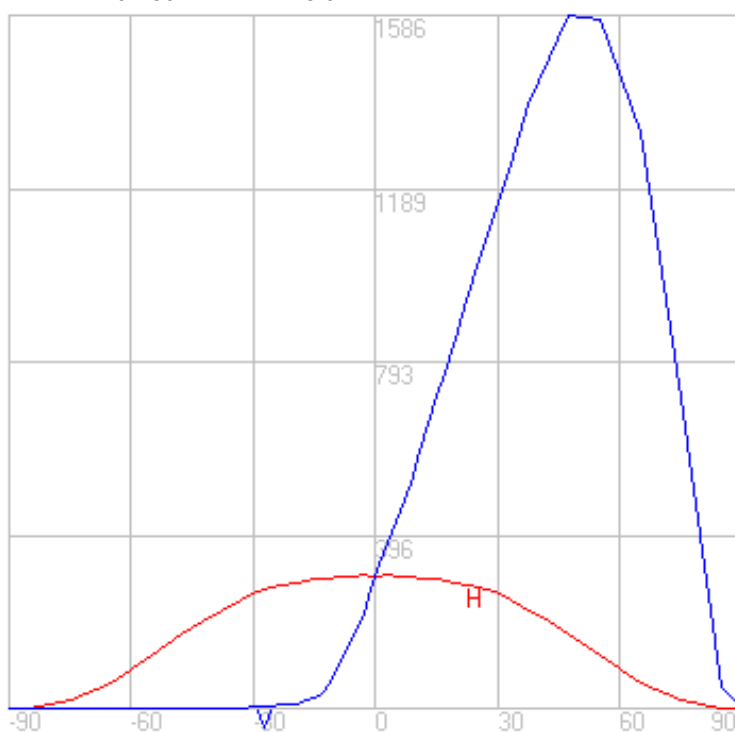
NEMA Type	7 H x 5 V
Maximum Candela	1585.64
Maximum Candela Angle	0 H 47.5 V
Horizontal Beam Angle (50%)	108.4
Vertical Beam Angle (50%)	55.9
Horizontal Field Angle (10%)	143.7
Vertical Field Angle (10%)	89.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1655
Beam Efficiency	N.A.
Field Lumens	2242
Field Efficiency	N.A.
Spill Lumens	57
Luminaire Lumens	2298
Total Efficiency	N.A.
Total Luminaire Watts	19

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	44.83
100-110	273.22
110-120	459.03
120-130	499.20
130-140	423.23
140-150	300.60
150-160	184.31
160-170	93.50
170-180	28.94



Grid Spacing = 2 ft.



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

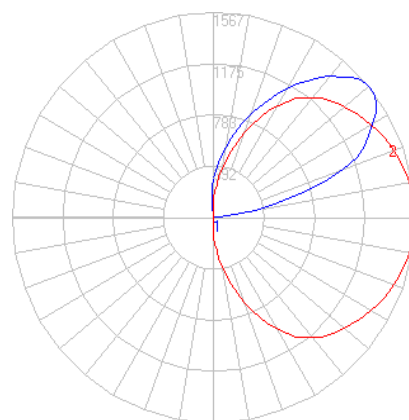
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BEGA

File: 33361K3_BEGA_ies.IES

TEST: BE_33361K4
TEST LAB: BEGA
DATE: 09/07/2021
LUMINAIRE: 33361K3
LAMP: 16.2W LED

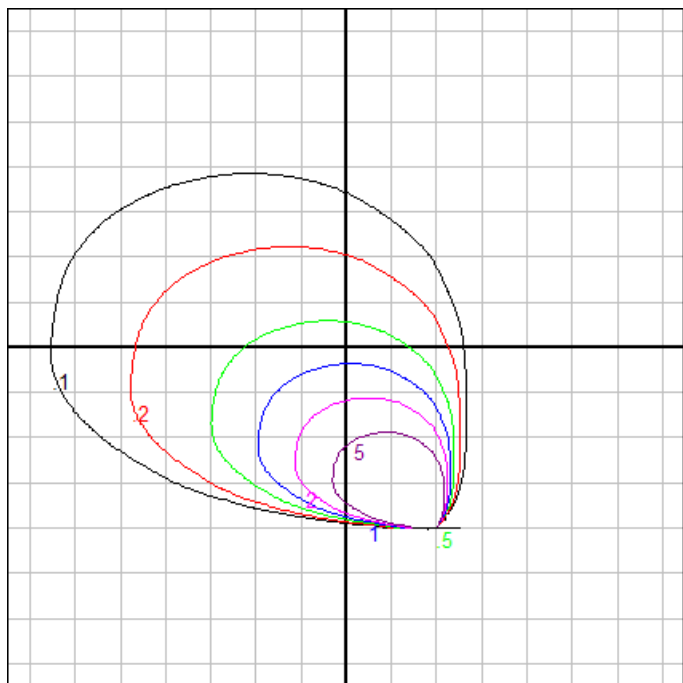


Characteristics

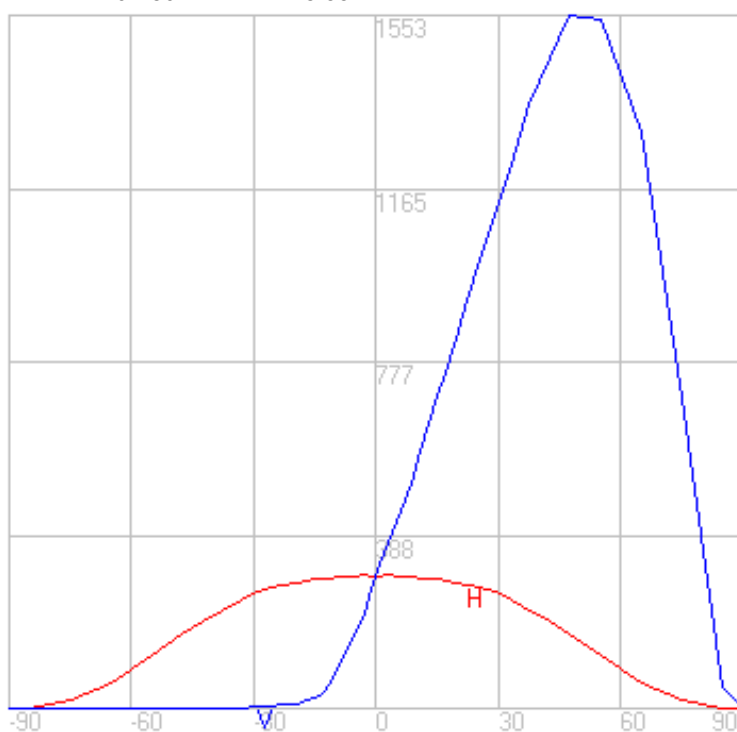
NEMA Type	7 H x 5 V
Maximum Candela	1553.28
Maximum Candela Angle	0 H 47.5 V
Horizontal Beam Angle (50%)	108.4
Vertical Beam Angle (50%)	55.9
Horizontal Field Angle (10%)	143.7
Vertical Field Angle (10%)	89.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1621
Beam Efficiency	N.A.
Field Lumens	2196
Field Efficiency	N.A.
Spill Lumens	56
Luminaire Lumens	2251
Total Efficiency	N.A.
Total Luminaire Watts	19

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	43.91
100-110	267.64
110-120	449.66
120-130	489.01
130-140	414.59
140-150	294.46
150-160	180.55
160-170	91.60
170-180	28.35



Grid Spacing = 2 ft.



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

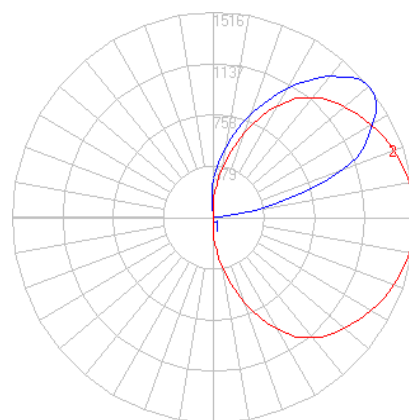
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BEGA

File: 33361K27_BEGA_ies.IES

TEST: BE_33361K4
TEST LAB: BEGA
DATE: 09/07/2021
LUMINAIRE: 33361K27
LAMP: 16.2W LED

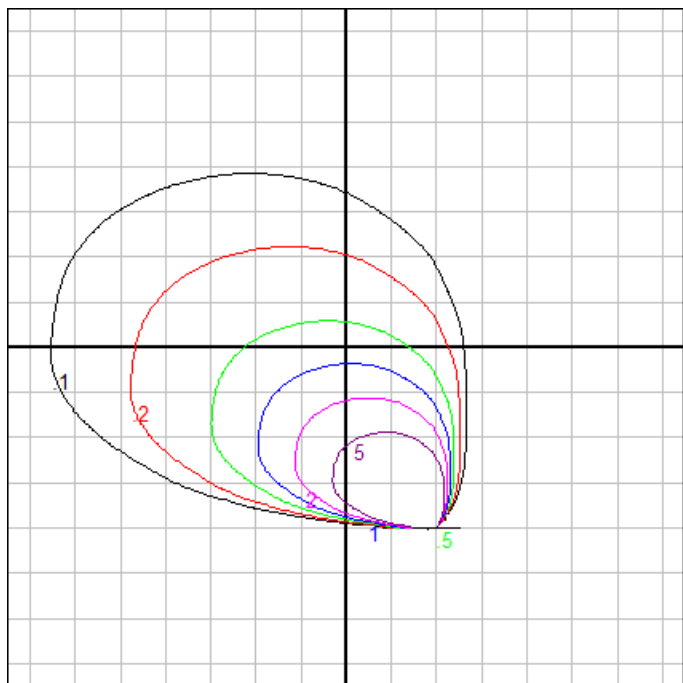


Characteristics

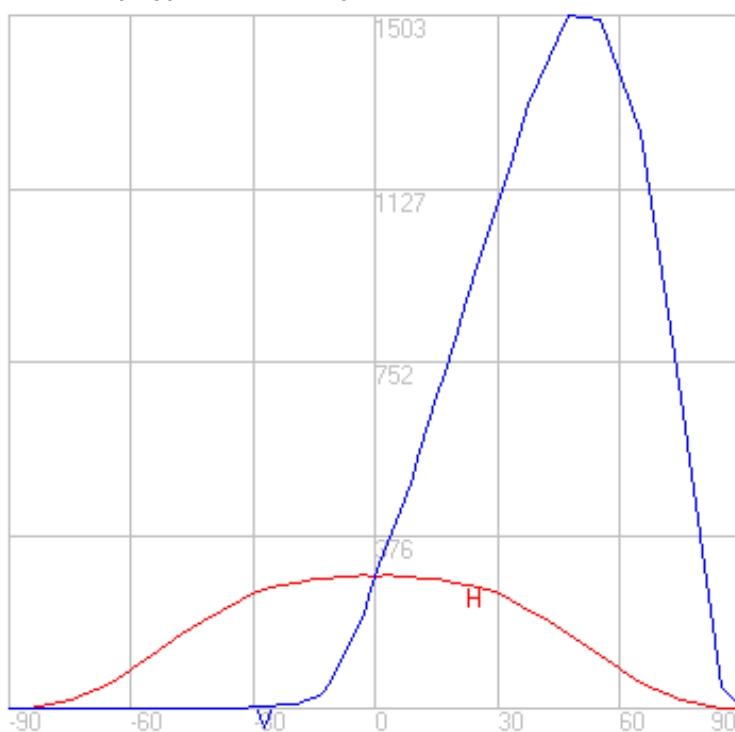
NEMA Type	7 H x 5 V
Maximum Candela	1503.122
Maximum Candela Angle	0 H 47.5 V
Horizontal Beam Angle (50%)	108.4
Vertical Beam Angle (50%)	55.9
Horizontal Field Angle (10%)	143.7
Vertical Field Angle (10%)	89.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1569
Beam Efficiency	N.A.
Field Lumens	2125
Field Efficiency	N.A.
Spill Lumens	54
Luminaire Lumens	2179
Total Efficiency	N.A.
Total Luminaire Watts	19

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	42.49
100-110	259.00
110-120	435.14
120-130	473.22
130-140	401.20
140-150	284.95
150-160	174.72
160-170	88.64
170-180	27.43



Grid Spacing = 2 ft.



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