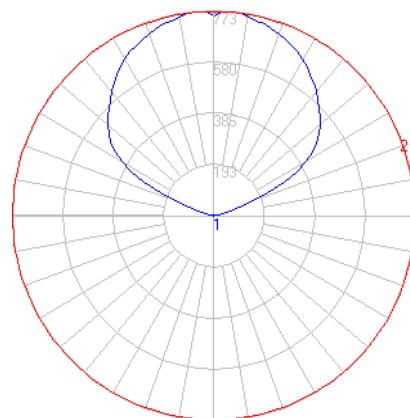


BEGA

File: 33360K4_BEGA_ies.IES

TEST: BE_33360K4_PRE
TEST LAB: BEGA
DATE: 03/23/2021
LUMINAIRE: 33360K4
LAMP: 16.2W LED

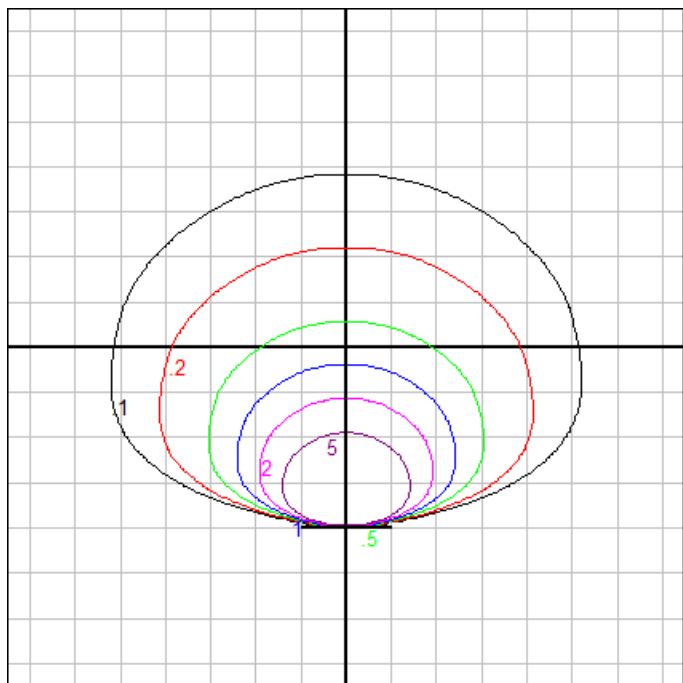


Characteristics

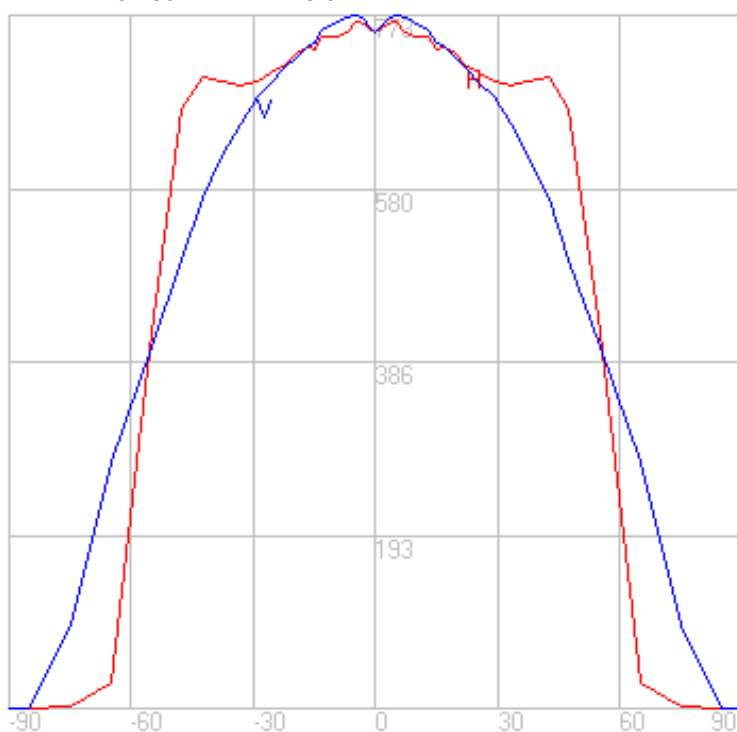
NEMA Type	6 H x 7 V
Maximum Candela	772.7
Maximum Candela Angle	0 H -5 V
Horizontal Beam Angle (50%)	111.5
Vertical Beam Angle (50%)	112.7
Horizontal Field Angle (10%)	127.5
Vertical Field Angle (10%)	153.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1815
Beam Efficiency	N.A.
Field Lumens	2117
Field Efficiency	N.A.
Spill Lumens	27
Luminaire Lumens	2144
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	0.01
40-50	0.01
50-60	0.00
60-70	0.00
70-80	0.01
80-90	0.00
90-100	0.91
100-110	39.57
110-120	190.40
120-130	405.16
130-140	471.96
140-150	416.83
150-160	326.64
160-170	211.19
170-180	73.04



Grid Spacing = 2 ft.



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

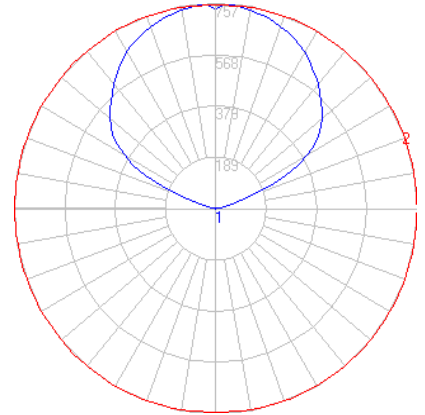
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BEGA

File: 33360K35_BEGA_ies.IES

TEST: BE_33360K4_PRE
TEST LAB: BEGA
DATE: 03/23/2021
LUMINAIRE: 33360K35
LAMP: 16.2W LED

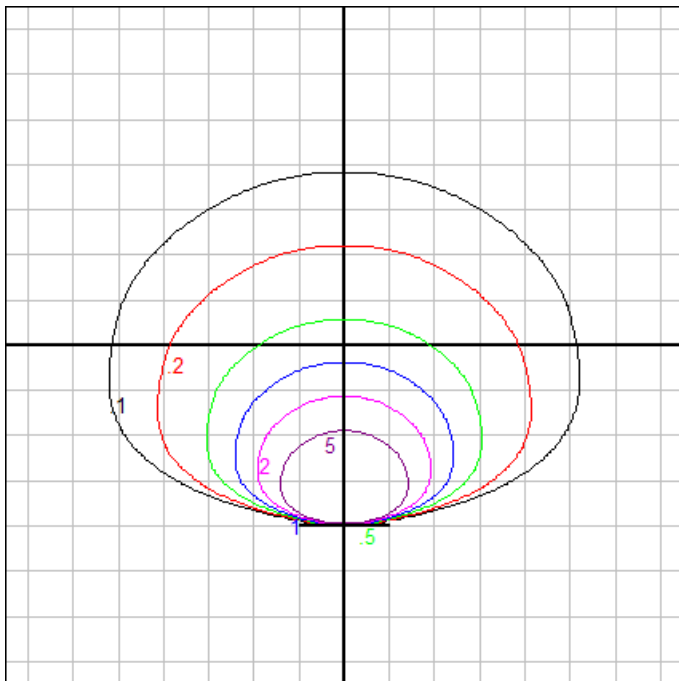


Characteristics

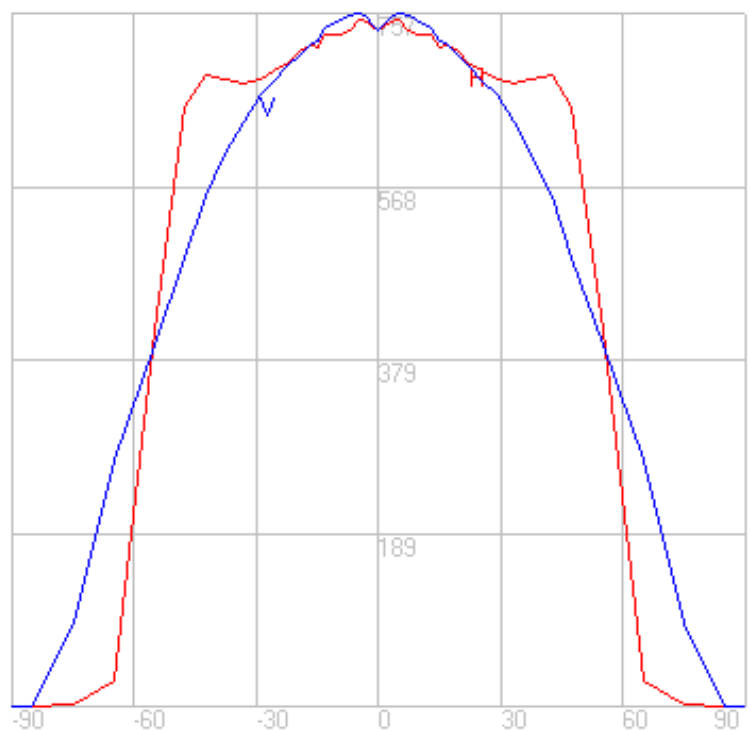
NEMA Type	6 H x 7 V
Maximum Candela	757.246
Maximum Candela Angle	0 H -5 V
Horizontal Beam Angle (50%)	111.5
Vertical Beam Angle (50%)	112.7
Horizontal Field Angle (10%)	127.5
Vertical Field Angle (10%)	153.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1779
Beam Efficiency	N.A.
Field Lumens	2075
Field Efficiency	N.A.
Spill Lumens	27
Luminaire Lumens	2101
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	0.01
40-50	0.01
50-60	0.00
60-70	0.00
70-80	0.01
80-90	0.00
90-100	0.89
100-110	38.77
110-120	186.59
120-130	397.06
130-140	462.53
140-150	408.49
150-160	320.11
160-170	206.96
170-180	71.58



Grid Spacing = 2 ft.



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

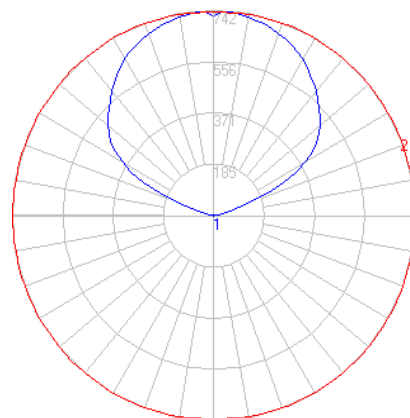
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BEGA

File: 33360K3_BEGA_ies.IES

TEST: BE_33360K4_PRE
TEST LAB: BEGA
DATE: 03/23/2021
LUMINAIRE: 33360K3
LAMP: 16.2W LED

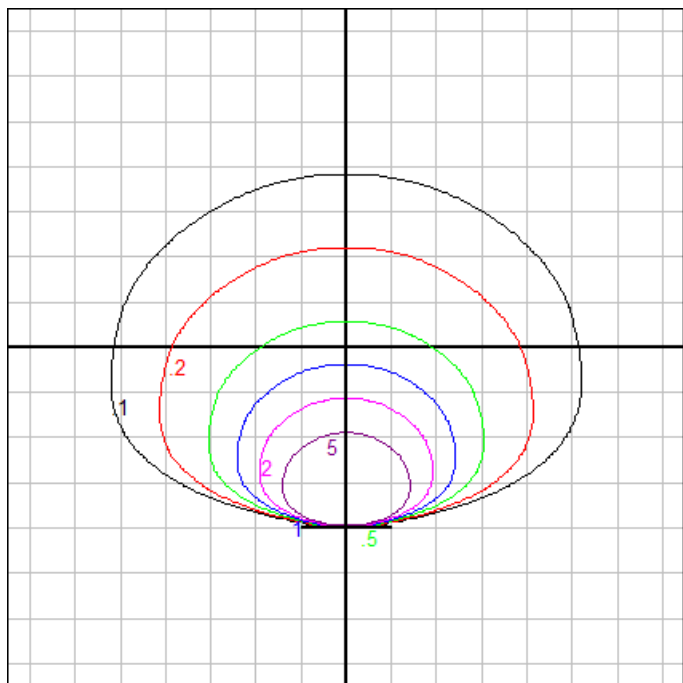


Characteristics

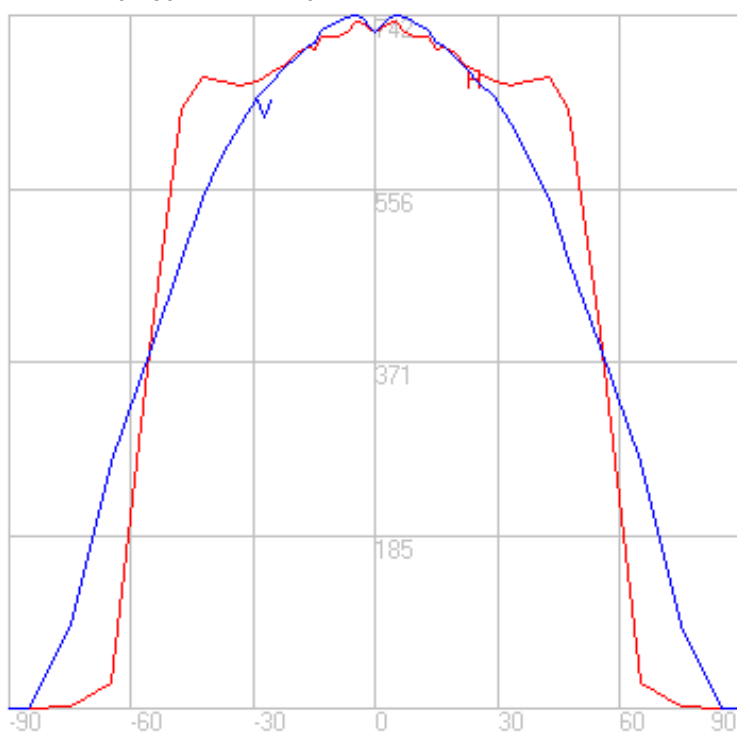
NEMA Type	6 H x 7 V
Maximum Candela	741.792
Maximum Candela Angle	0 H -5 V
Horizontal Beam Angle (50%)	111.5
Vertical Beam Angle (50%)	112.7
Horizontal Field Angle (10%)	127.5
Vertical Field Angle (10%)	153.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1742
Beam Efficiency	N.A.
Field Lumens	2032
Field Efficiency	N.A.
Spill Lumens	26
Luminaire Lumens	2058
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	0.01
40-50	0.01
50-60	0.00
60-70	0.00
70-80	0.01
80-90	0.00
90-100	0.87
100-110	37.98
110-120	182.78
120-130	388.96
130-140	453.09
140-150	400.16
150-160	313.58
160-170	202.74
170-180	70.12



Grid Spacing = 2 ft.



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

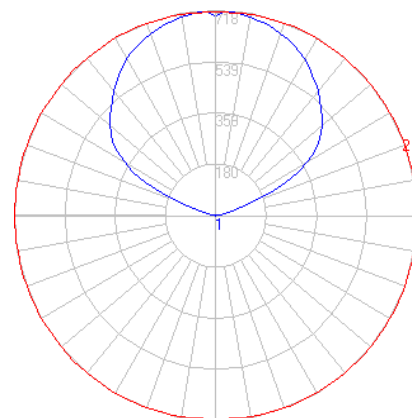
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BEGA

File: 33360K27_BEGA_ies.IES

TEST: BE_33360K4_PRE
TEST LAB: BEGA
DATE: 03/23/2021
LUMINAIRE: 33360K27
LAMP: 16.2W LED

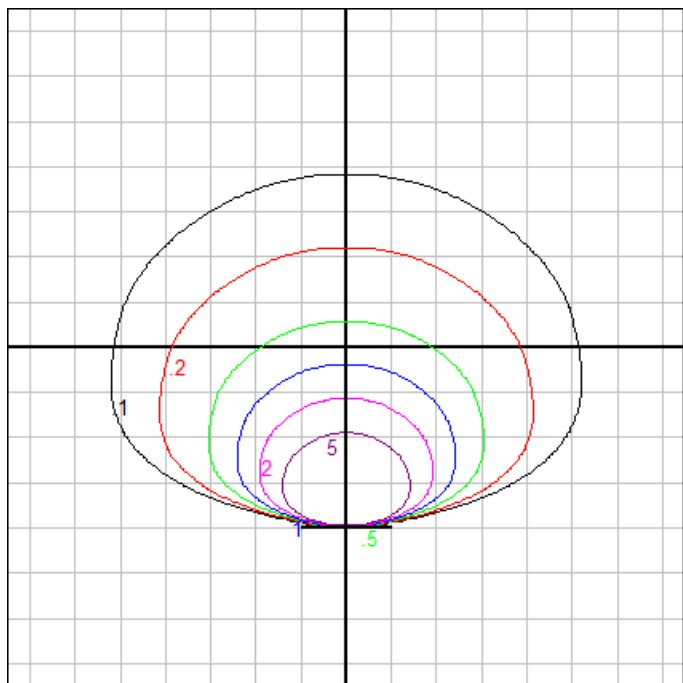


Characteristics

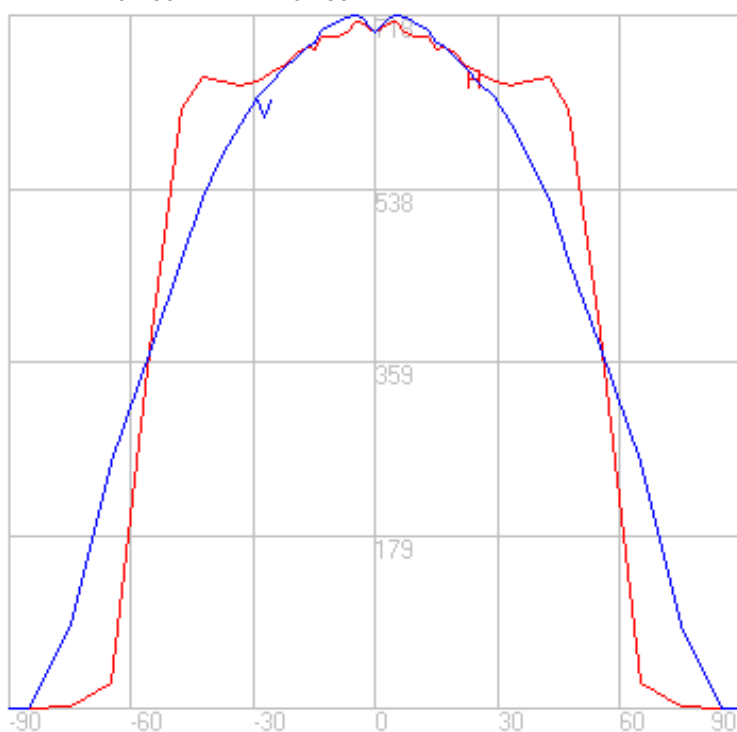
NEMA Type	6 H x 7 V
Maximum Candela	717.838
Maximum Candela Angle	0 H -5 V
Horizontal Beam Angle (50%)	111.5
Vertical Beam Angle (50%)	112.7
Horizontal Field Angle (10%)	127.5
Vertical Field Angle (10%)	153.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1686
Beam Efficiency	1967
Field Efficiency	N.A.
Spill Lumens	25
Luminaire Lumens	1992
Total Efficiency	N.A.
Total Luminaire Watts	19
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.01
40-50	0.01
50-60	0.00
60-70	0.00
70-80	0.01
80-90	0.00
90-100	0.84
100-110	36.76
110-120	176.88
120-130	376.40
130-140	438.46
140-150	387.24
150-160	303.45
160-170	196.19
170-180	67.85



Grid Spacing = 2 ft.



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