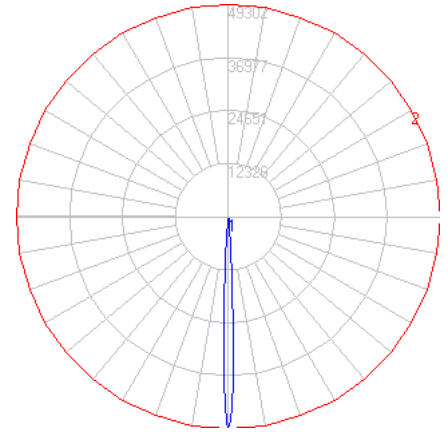


BEGA

File: 84358K4_BEGA_IES.ies

TEST: BE_84358K4
TEST LAB: BEGA
DATE: 11/25/2019
LUMINAIRE: 84 358K4
LAMP: 12.8W LED

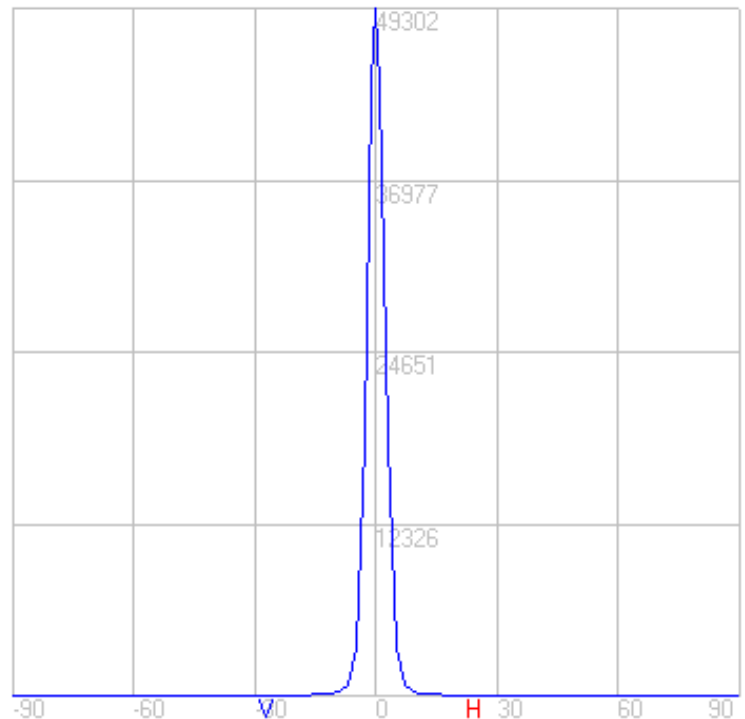
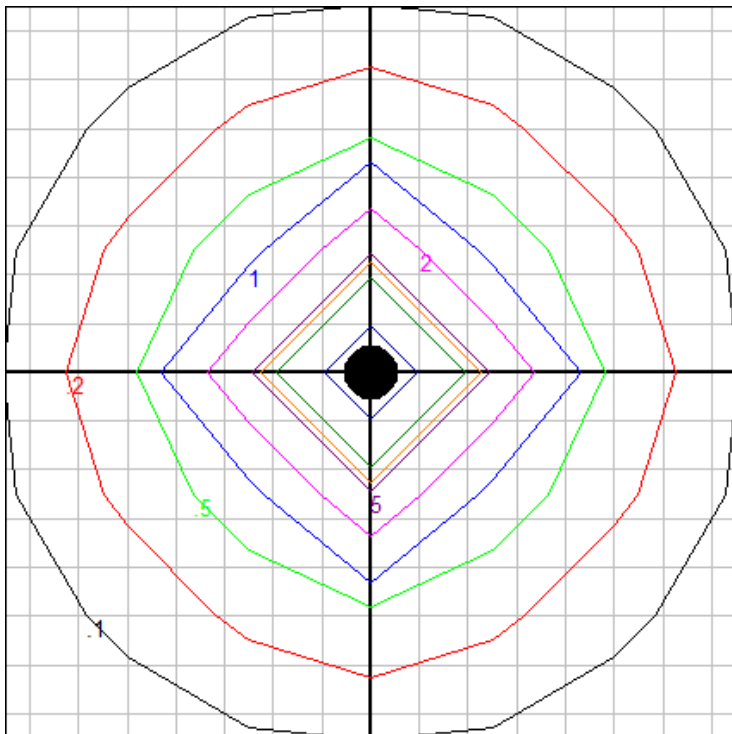


Characteristics

NEMA Type	0 H x 0 V
Maximum Candela	49302.4
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	5.0
Vertical Beam Angle (50%)	5.0
Horizontal Field Angle (10%)	9.6
Vertical Field Angle (10%)	9.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	198
Beam Efficiency	N.A.
Field Lumens	417
Field Efficiency	N.A.
Spill Lumens	102
Luminaire Lumens	518
Total Efficiency	N.A.
Total Luminaire Watts	18
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	463.45
10-20	29.42
20-30	6.88
30-40	0.19
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.00
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Mounting Height: 25 ft.

Grid Spacing: 1 ft.

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

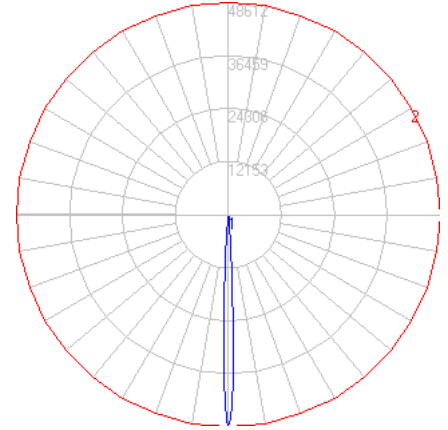
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BEGA

File: 84358K35_BEGA_IES.ies

TEST: BE_84358K4
TEST LAB: BEGA
DATE: 11/25/2019
LUMINAIRE: 84 358K35
LAMP: 12.8W LED

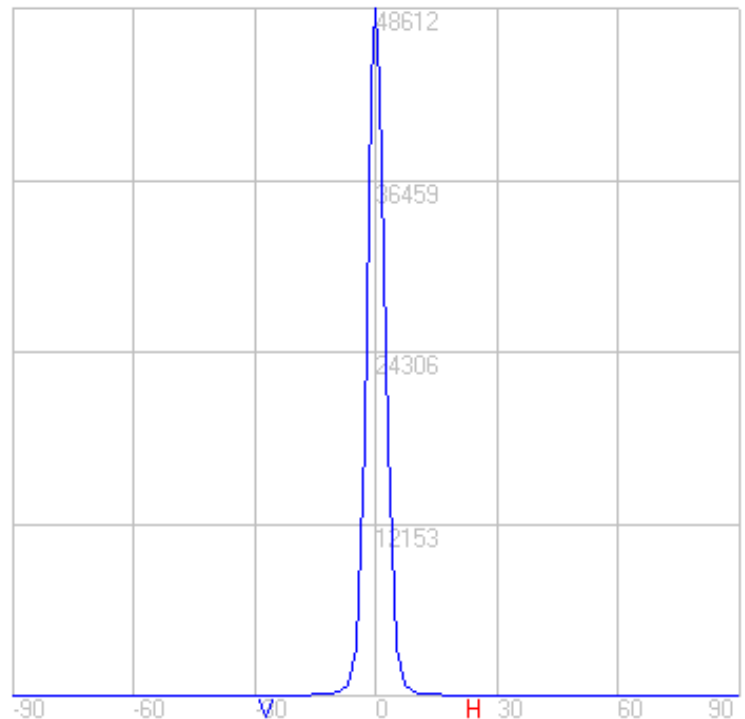
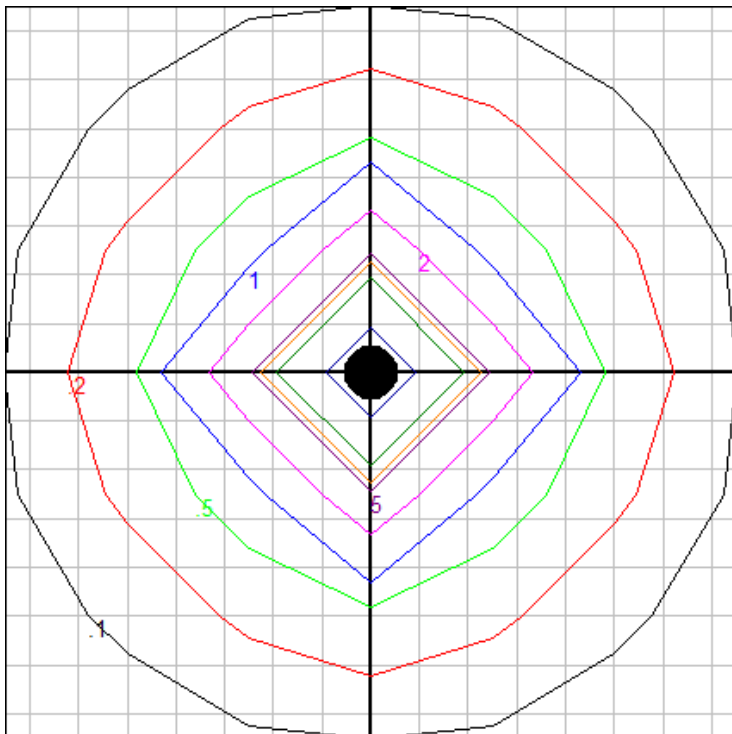


Characteristics

NEMA Type	0 H x 0 V
Maximum Candela	48612.166
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	5.0
Vertical Beam Angle (50%)	5.0
Horizontal Field Angle (10%)	9.6
Vertical Field Angle (10%)	9.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	195
Beam Efficiency	N.A.
Field Lumens	411
Field Efficiency	N.A.
Spill Lumens	100
Luminaire Lumens	511
Total Efficiency	N.A.
Total Luminaire Watts	18
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	456.97
10-20	29.00
20-30	6.78
30-40	0.18
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.00
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Mounting Height: 25 ft.

Grid Spacing: 1 ft.

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

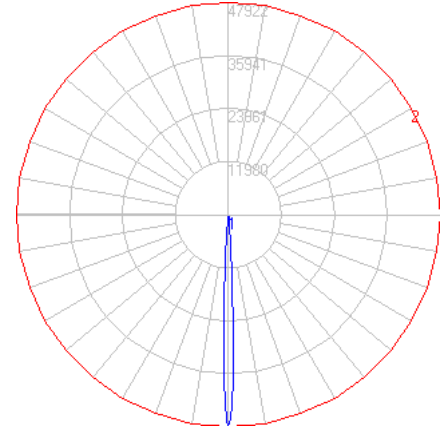
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File: 84358K3_BEGA_IES.ies

TEST: BE_84358K4
TEST LAB: BEGA
DATE: 11/25/2019
LUMINAIRE: 84 358K3
LAMP: 12.8W LED

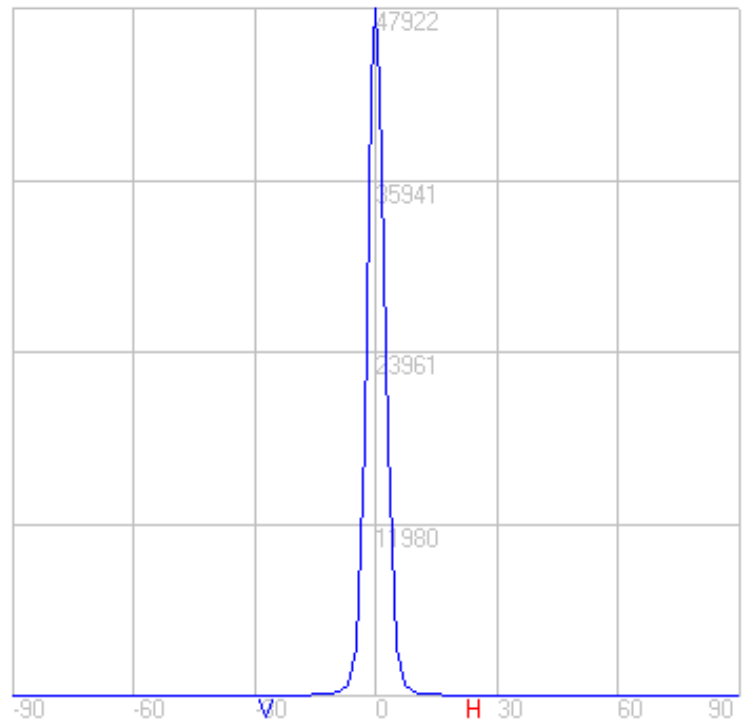
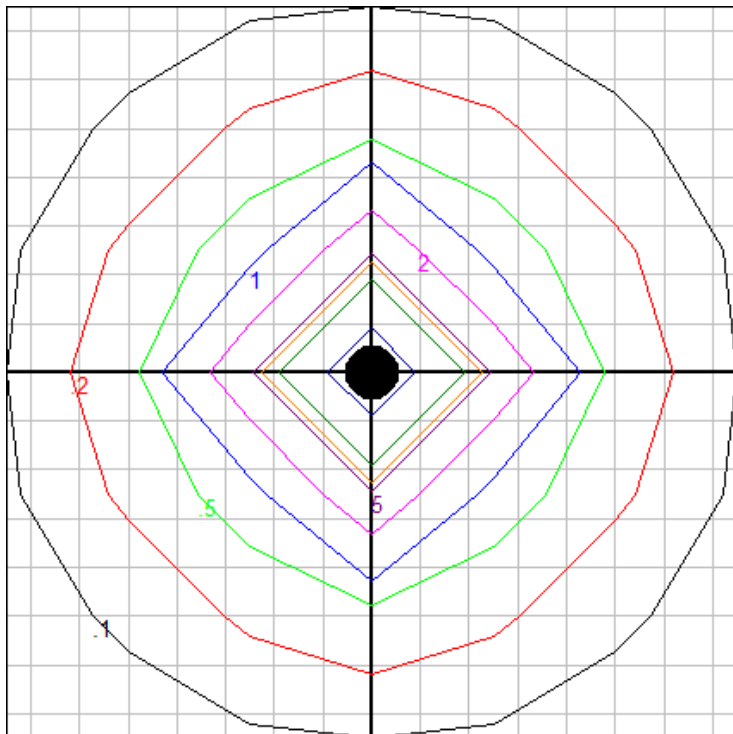


Characteristics

NEMA Type	0 H x 0 V
Maximum Candela	47921.933
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	5.0
Vertical Beam Angle (50%)	5.0
Horizontal Field Angle (10%)	9.6
Vertical Field Angle (10%)	9.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	192
Beam Efficiency	N.A.
Field Lumens	405
Field Efficiency	N.A.
Spill Lumens	99
Luminaire Lumens	504
Total Efficiency	N.A.
Total Luminaire Watts	18
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	450.48
10-20	28.59
20-30	6.68
30-40	0.18
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.00
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Mounting Height: 25 ft.

Grid Spacing: 1 ft.

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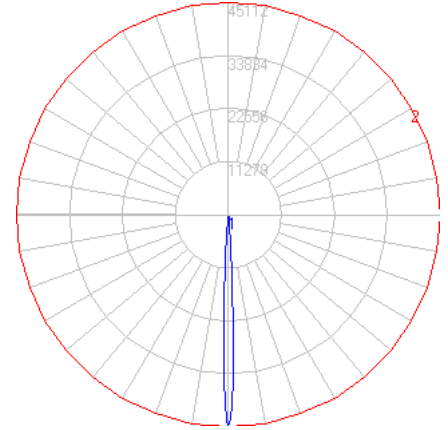
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BEGA

File: 84358K27_BEGA_IES.ies

TEST: BE_84358K4
TEST LAB: BEGA
DATE: 11/25/2019
LUMINAIRE: 84 358K27
LAMP: 12.8W LED

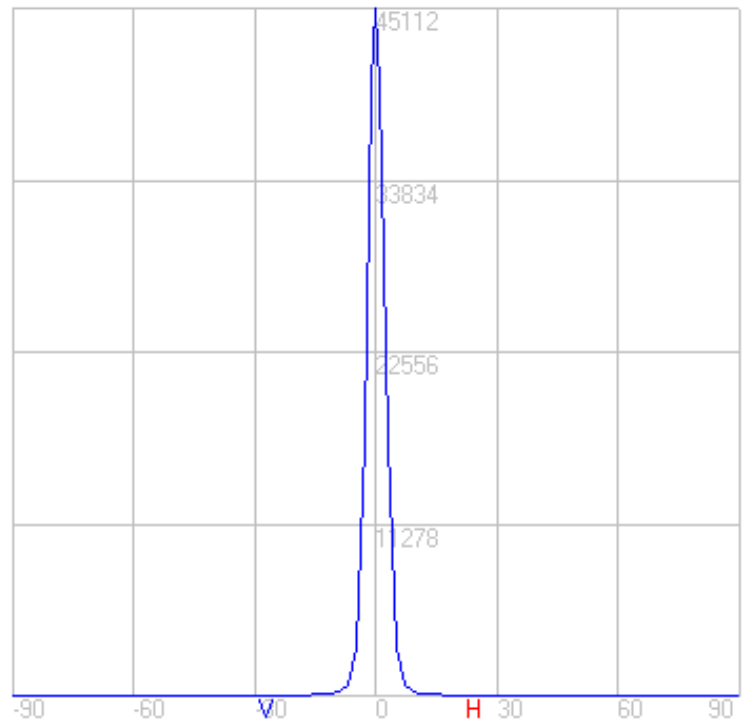
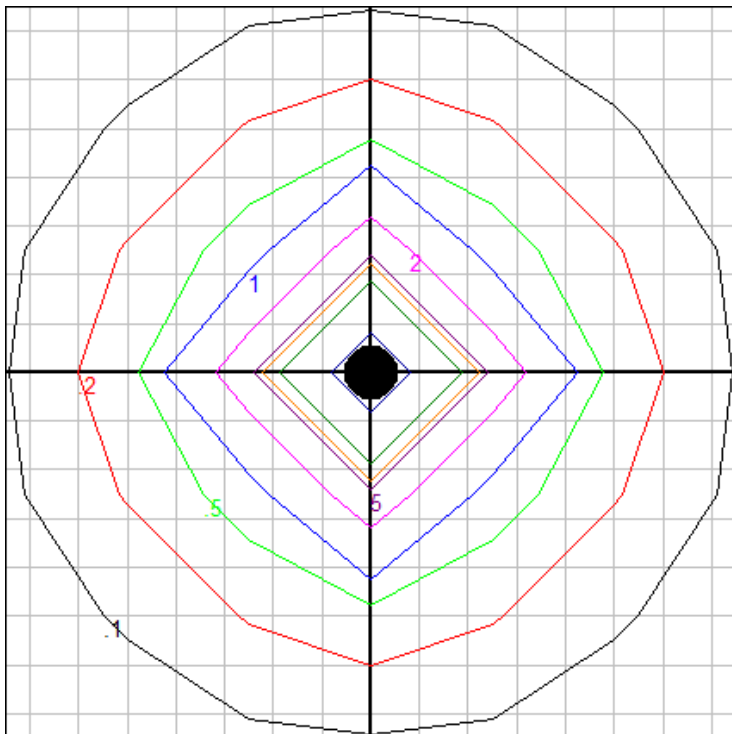


Characteristics

NEMA Type	0 H x 0 V
Maximum Candela	45111.697
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	5.0
Vertical Beam Angle (50%)	5.0
Horizontal Field Angle (10%)	9.6
Vertical Field Angle (10%)	9.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	181
Beam Efficiency	N.A.
Field Lumens	381
Field Efficiency	N.A.
Spill Lumens	93
Luminaire Lumens	474
Total Efficiency	N.A.
Total Luminaire Watts	18
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	424.06
10-20	26.92
20-30	6.29
30-40	0.17
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.00
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Mounting Height: 25 ft.

Grid Spacing: 1 ft.

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