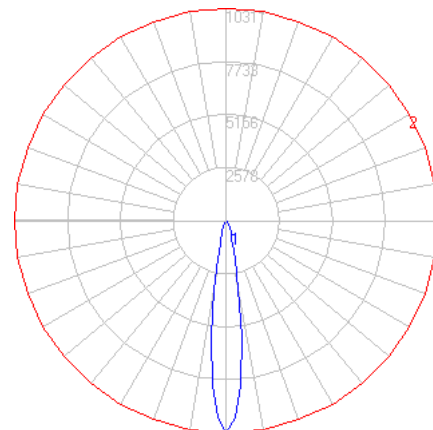


BEGA

File: 24382K4_BEGA_IES.ies

TEST: BE_24382K4
TEST LAB: BEGA
DATE: 6/14/2019
LUMINAIRE: 24 382K4
LAMP: 12.3W LED

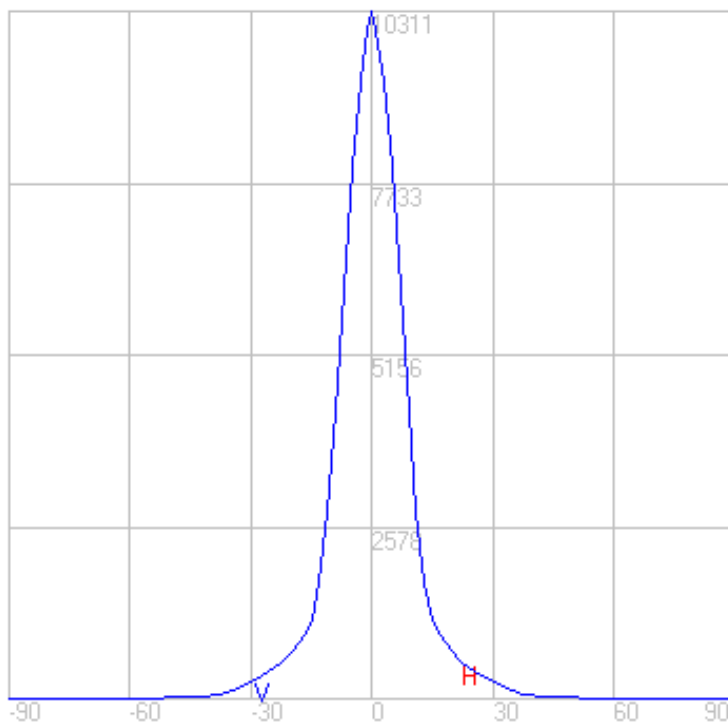
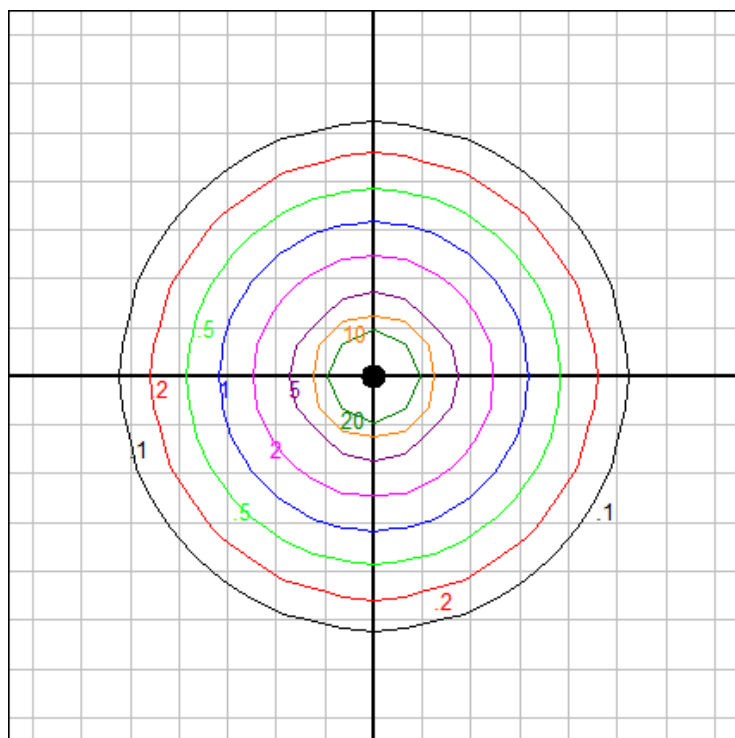


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	10311.153
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	16.2
Vertical Beam Angle (50%)	16.2
Horizontal Field Angle (10%)	32.5
Vertical Field Angle (10%)	32.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	443
Beam Efficiency	N.A.
Field Lumens	890
Field Efficiency	N.A.
Spill Lumens	423
Luminaire Lumens	1313
Total Efficiency	N.A.
Total Luminaire Watts	14
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	610.62
10-20	390.87
20-30	201.03
30-40	82.93
40-50	28.00
50-60	4.24
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: 15 ft.

Grid Spacing: 2.5 ft.

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

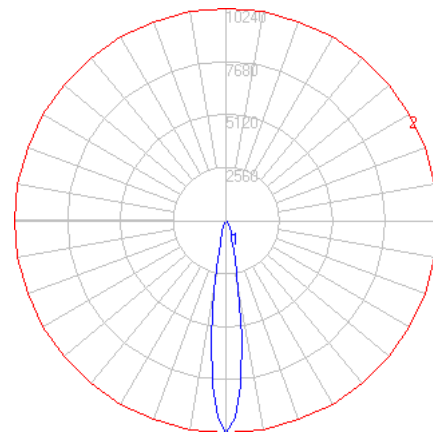
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BEGA

File: 24382K35_BEGA_IES.ies

TEST: BE_24382K4
TEST LAB: BEGA
DATE: 6/14/2019
LUMINAIRE: 24 382K35
LAMP: 12.3W LED

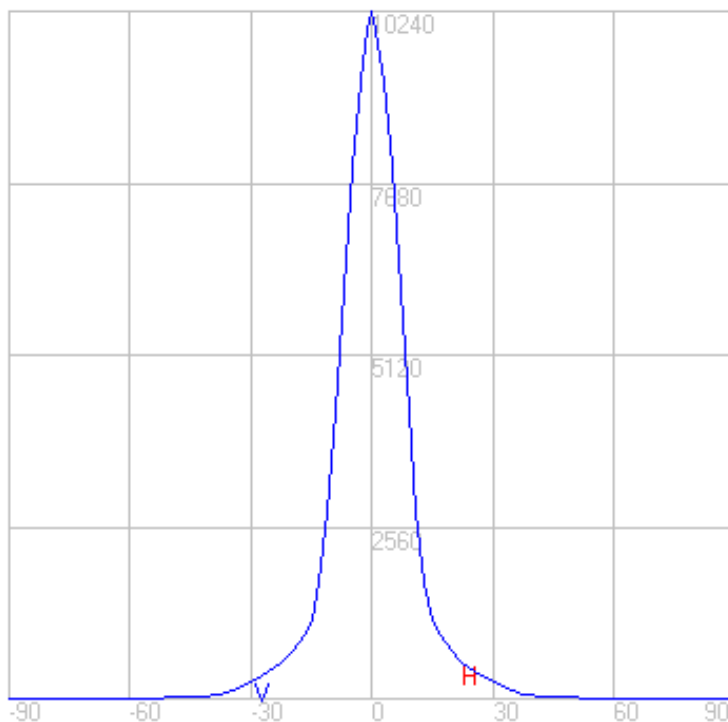
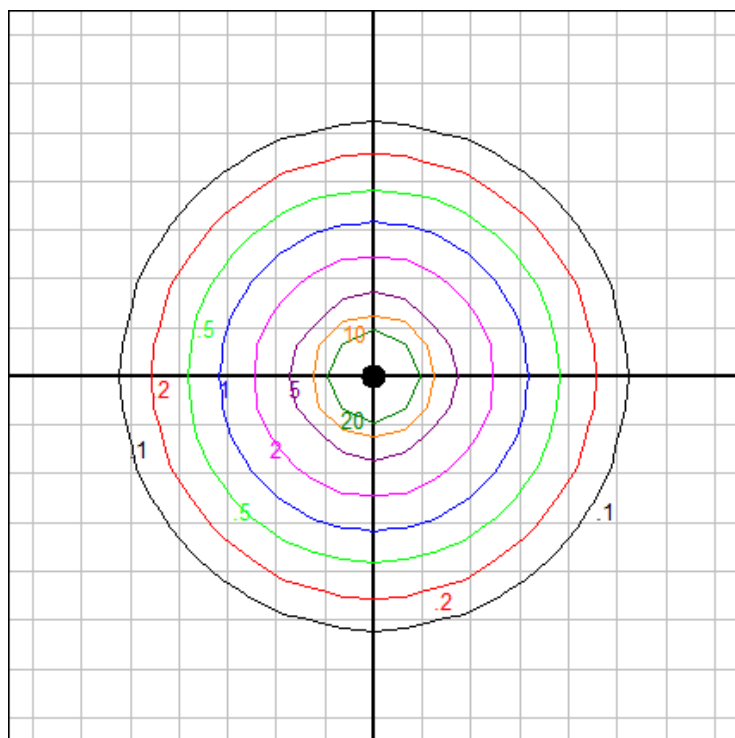


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	10240.042
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	16.2
Vertical Beam Angle (50%)	16.2
Horizontal Field Angle (10%)	32.5
Vertical Field Angle (10%)	32.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	440
Beam Efficiency	N.A.
Field Lumens	884
Field Efficiency	N.A.
Spill Lumens	420
Luminaire Lumens	1304
Total Efficiency	N.A.
Total Luminaire Watts	14
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	606.41
10-20	388.17
20-30	199.64
30-40	82.36
40-50	27.80
50-60	4.21
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: 15 ft.

Grid Spacing: 2.5 ft.

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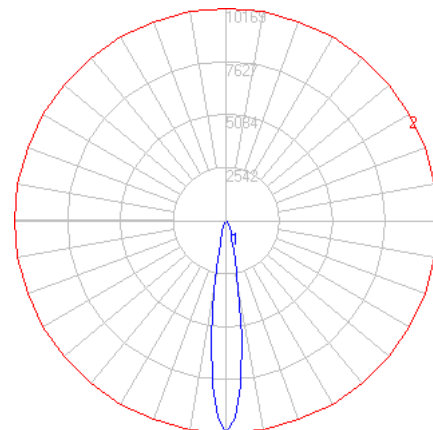
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File: 24382K3_BEGA_IES.ies

TEST: BE_24382K4
TEST LAB: BEGA
DATE: 6/14/2019
LUMINAIRE: 24 382K3
LAMP: 12.3W LED

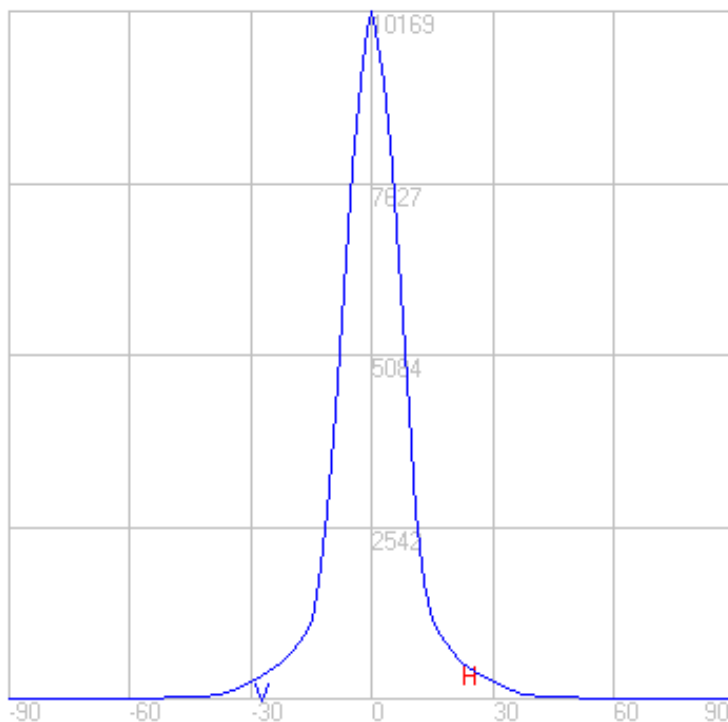
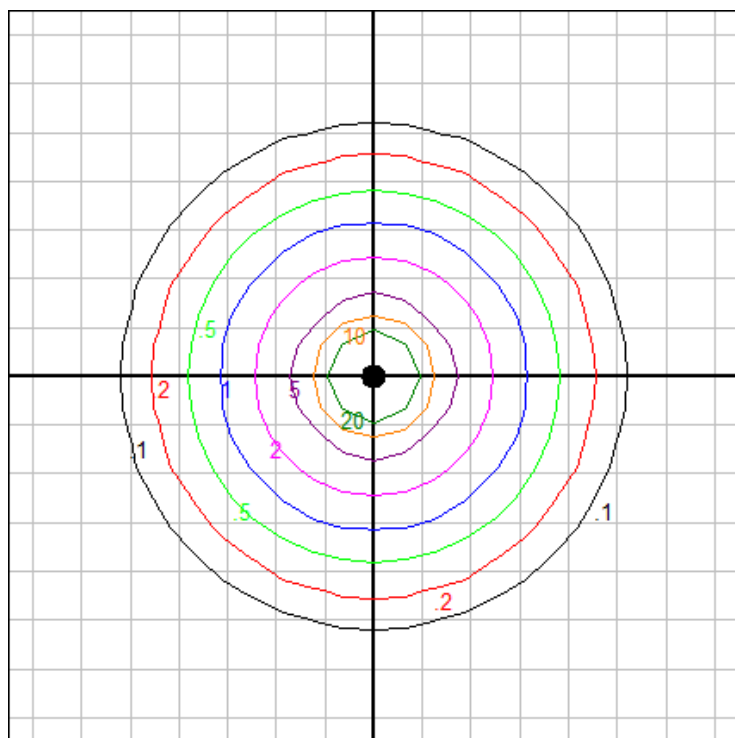


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	10168.93
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	16.2
Vertical Beam Angle (50%)	16.2
Horizontal Field Angle (10%)	32.5
Vertical Field Angle (10%)	32.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	437
Beam Efficiency	N.A.
Field Lumens	878
Field Efficiency	N.A.
Spill Lumens	417
Luminaire Lumens	1295
Total Efficiency	N.A.
Total Luminaire Watts	14
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	602.20
10-20	385.48
20-30	198.25
30-40	81.79
40-50	27.61
50-60	4.18
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: 15 ft.

Grid Spacing: 2.5 ft.

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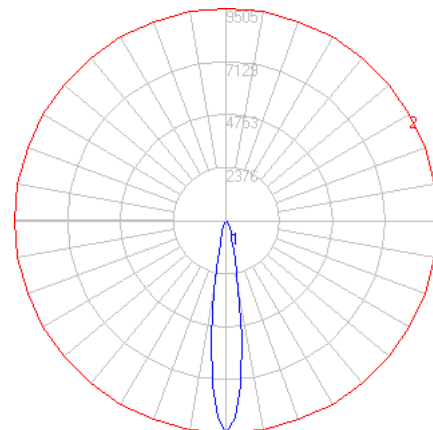
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BEGA

File: 24382K27_BEGA_IES.ies

TEST: BE_24382K4
TEST LAB: BEGA
DATE: 6/14/2019
LUMINAIRE: 24 382K27
LAMP: 12.3W LED

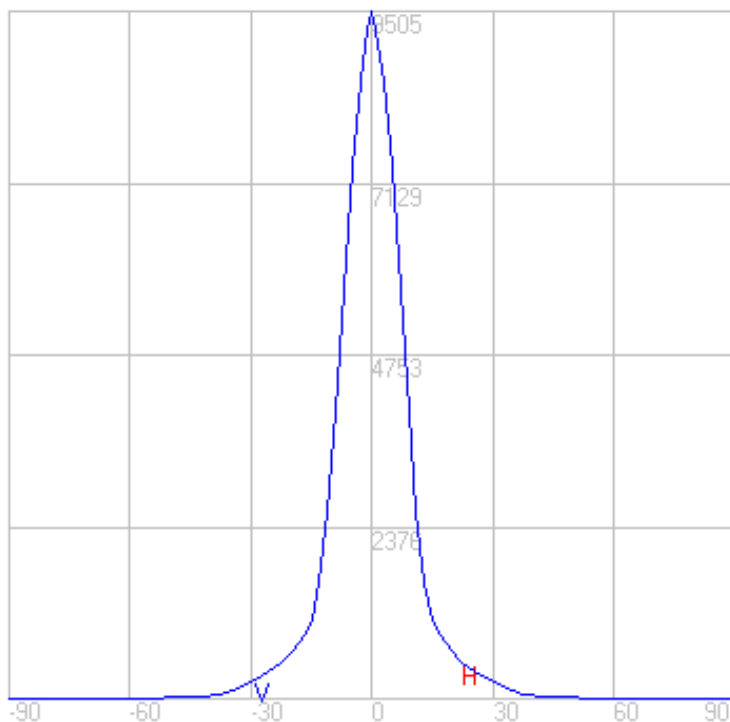
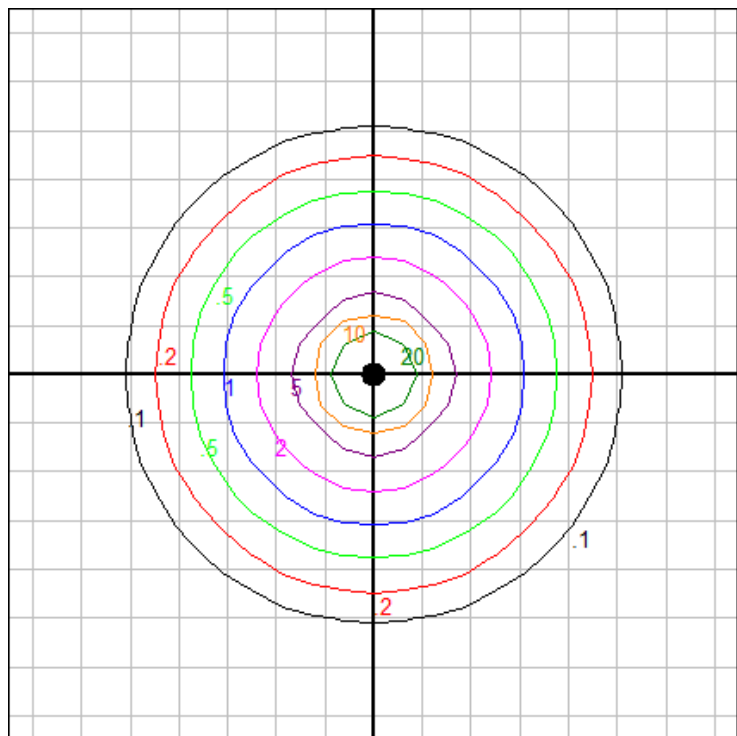


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	9505.224
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	16.2
Vertical Beam Angle (50%)	16.2
Horizontal Field Angle (10%)	32.5
Vertical Field Angle (10%)	32.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	408
Beam Efficiency	N.A.
Field Lumens	821
Field Efficiency	N.A.
Spill Lumens	390
Luminaire Lumens	1210
Total Efficiency	N.A.
Total Luminaire Watts	14
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	562.89
10-20	360.32
20-30	185.31
30-40	76.45
40-50	25.81
50-60	3.91
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: 15 ft.

Grid Spacing: 2.5 ft.

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