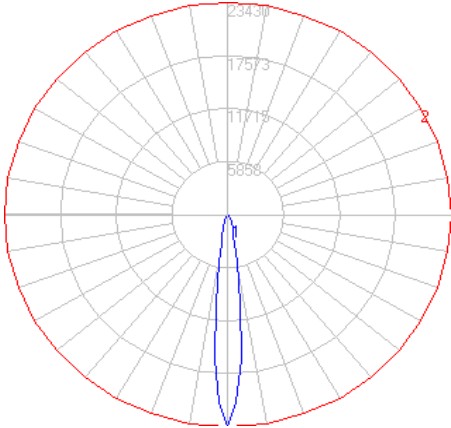


BEGA

File: 24239K4_BEGA_IES.ies

TEST: BE_24239K3
TEST LAB: BEGA
DATE: 6/14/2019
LUMINAIRE: 24 239K4
LAMP: 24.1W LED

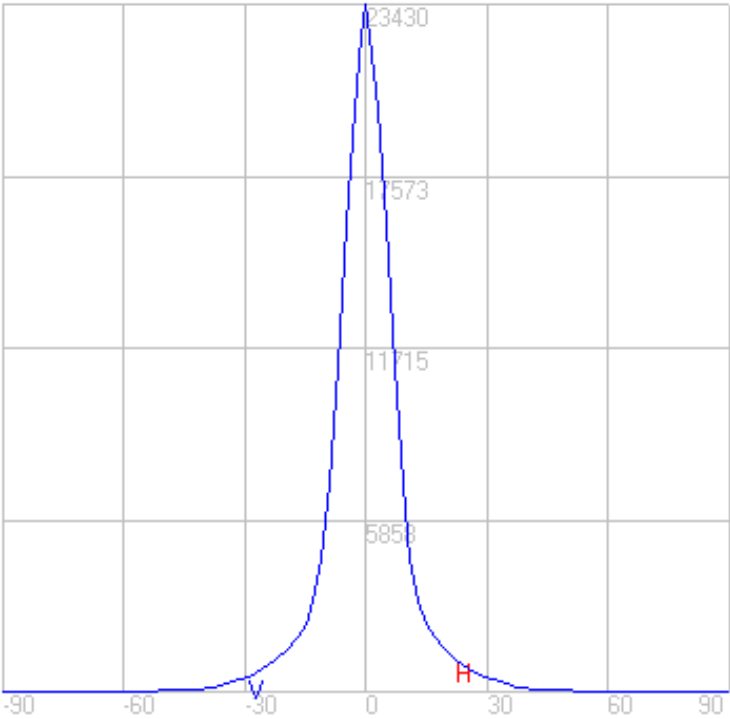
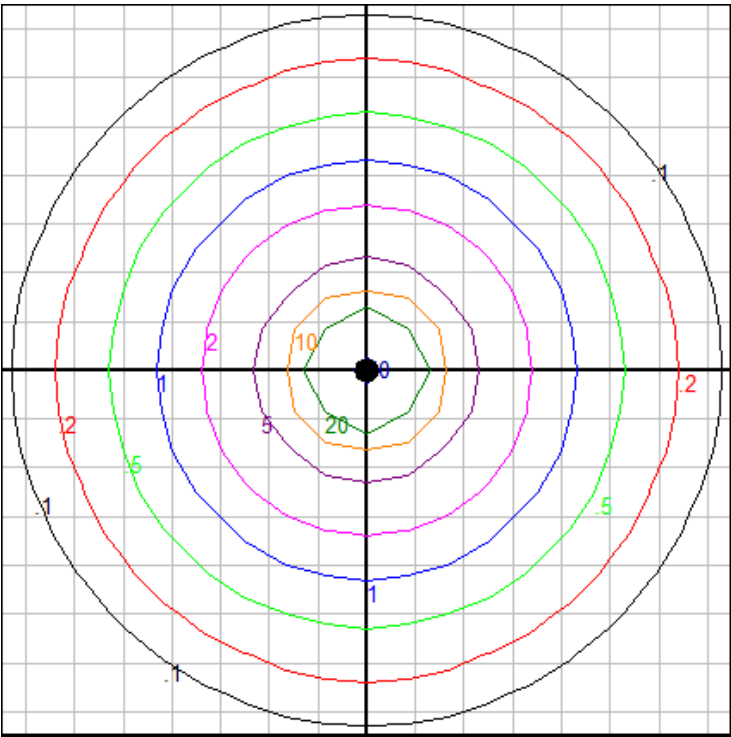


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	23430.022
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	13.5
Vertical Beam Angle (50%)	13.5
Horizontal Field Angle (10%)	29.8
Vertical Field Angle (10%)	29.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	731
Beam Efficiency	N.A.
Field Lumens	1559
Field Efficiency	N.A.
Spill Lumens	921
Luminaire Lumens	2479
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	1165.06
10-20	706.29
20-30	384.98
30-40	174.95
40-50	56.17
50-60	4.16
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: 20 ft.

Grid Spacing: 2.5 ft.

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

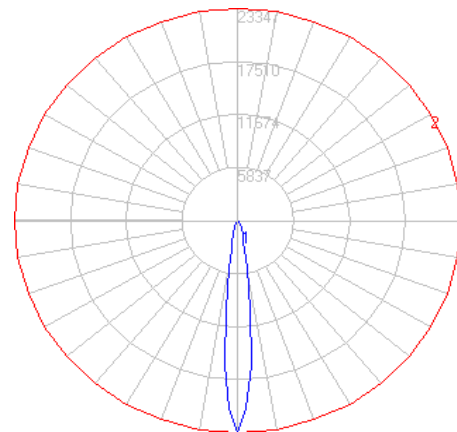
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BEGA

File: 24239K35_BEGA_IES.ies

TEST: BE_24239K3
TEST LAB: BEGA
DATE: 6/14/2019
LUMINAIRE: 24 239K35
LAMP: 24.1W LED

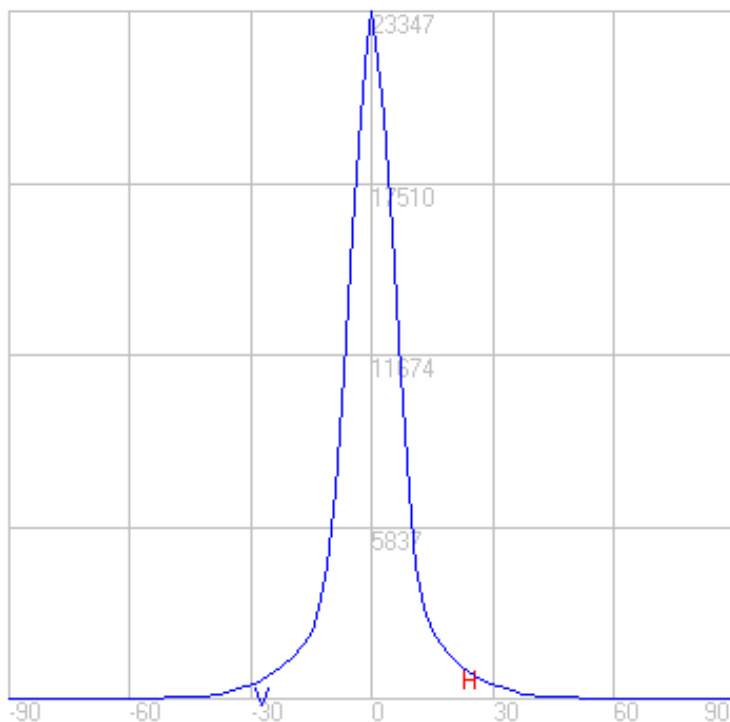
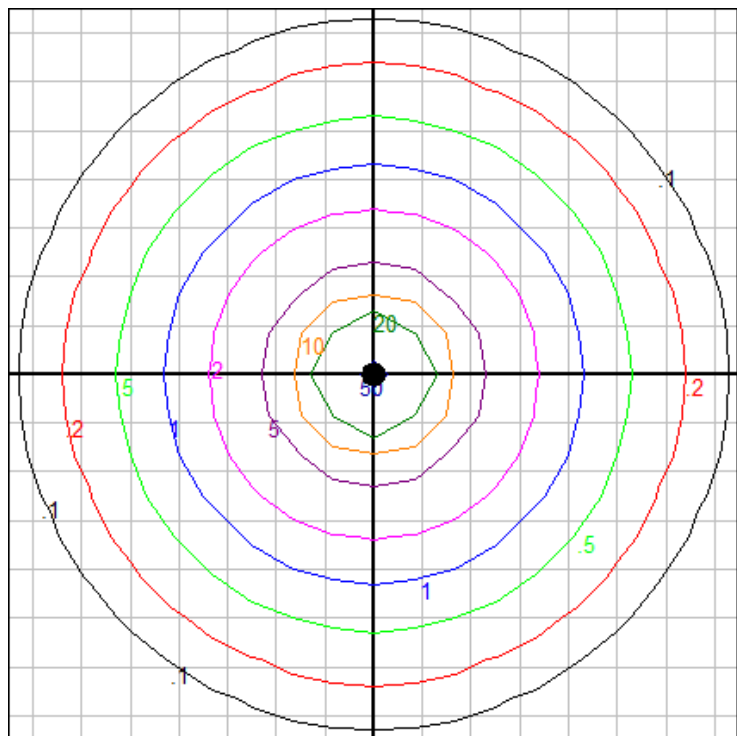


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	23347.232
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	13.5
Vertical Beam Angle (50%)	13.5
Horizontal Field Angle (10%)	29.8
Vertical Field Angle (10%)	29.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	729
Beam Efficiency	N.A.
Field Lumens	1553
Field Efficiency	N.A.
Spill Lumens	917
Luminaire Lumens	2471
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	1160.94
10-20	703.79
20-30	383.62
30-40	174.33
40-50	55.97
50-60	4.14
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: 20 ft.

Grid Spacing: 2.5 ft.

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

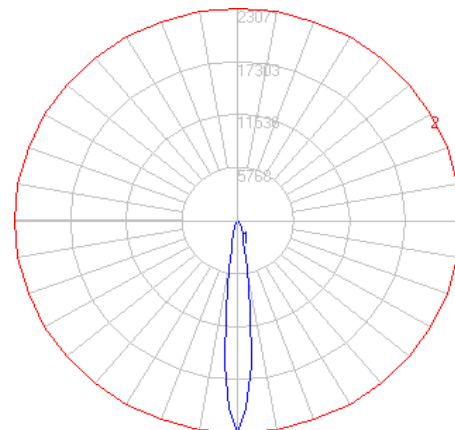
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File: 24239K3_BEGA_IES.ies

TEST: BE_24239K3
TEST LAB: BEGA
DATE: 6/14/2019
LUMINAIRE: 24 239K3
LAMP: 24.1W LED

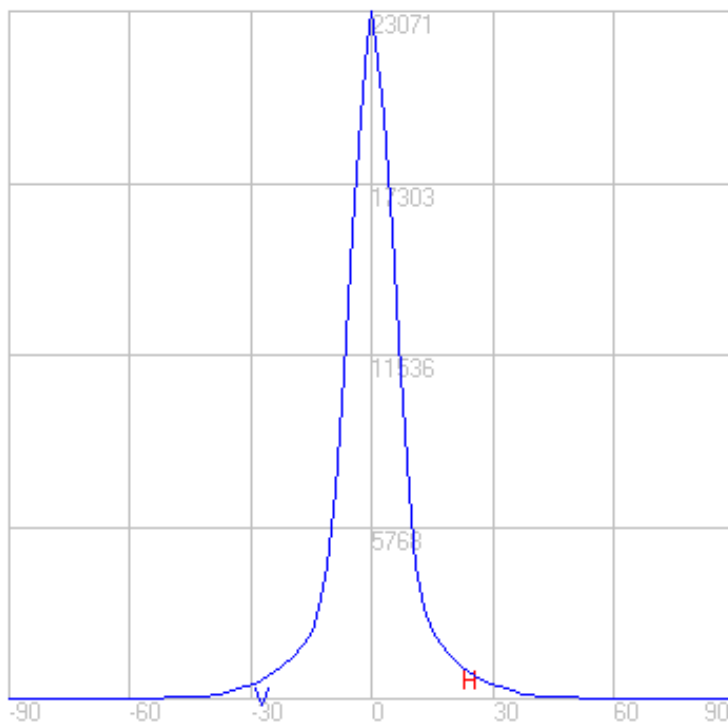
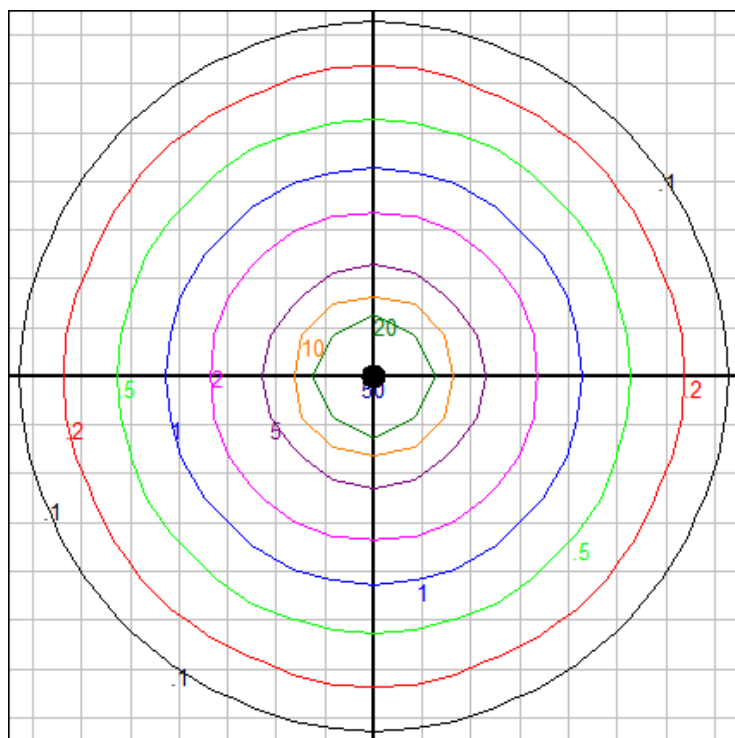


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	23071.26
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	13.5
Vertical Beam Angle (50%)	13.5
Horizontal Field Angle (10%)	29.8
Vertical Field Angle (10%)	29.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	720
Beam Efficiency	N.A.
Field Lumens	1535
Field Efficiency	N.A.
Spill Lumens	906
Luminaire Lumens	2441
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	1147.22
10-20	695.47
20-30	379.09
30-40	172.27
40-50	55.31
50-60	4.09
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: 20 ft.

Grid Spacing: 2.5 ft.

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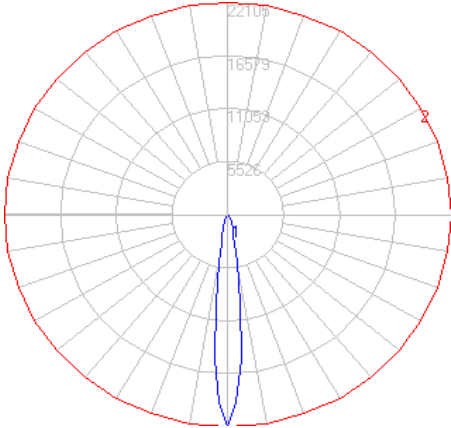
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BEGA

File: 24239K27_BEGA_IES.ies

TEST: BE_24239K3
TEST LAB: BEGA
DATE: 6/14/2019
LUMINAIRE: 24 239K27
LAMP: 24.1W LED

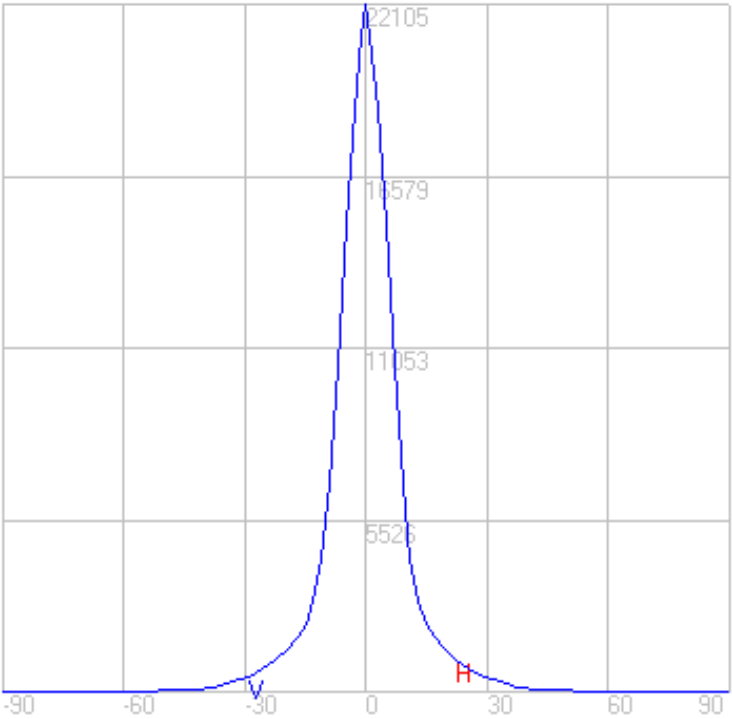
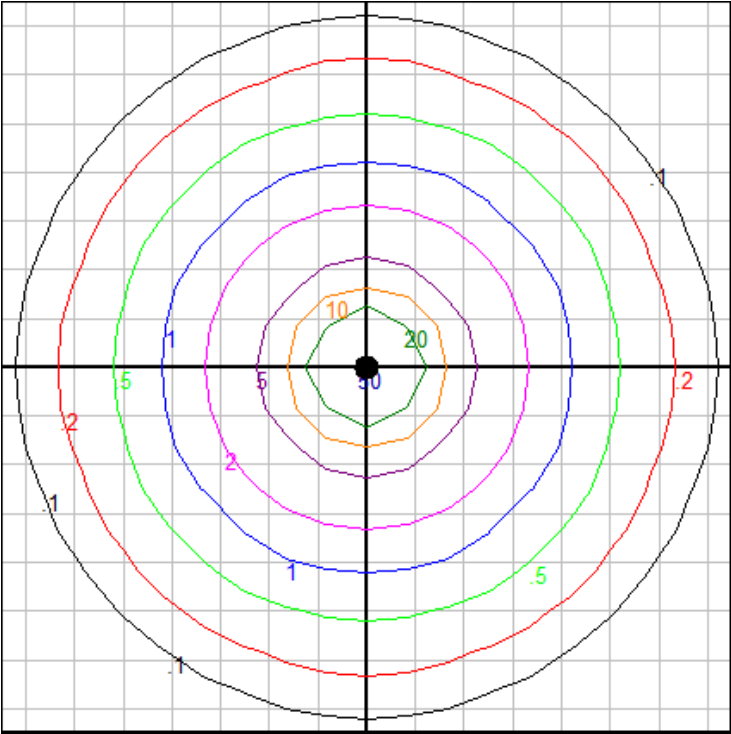


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	22105.357
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	13.5
Vertical Beam Angle (50%)	13.5
Horizontal Field Angle (10%)	29.8
Vertical Field Angle (10%)	29.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	690
Beam Efficiency	N.A.
Field Lumens	1471
Field Efficiency	N.A.
Spill Lumens	869
Luminaire Lumens	2339
Total Efficiency	N.A.
Total Luminaire Watts	28
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	1099.19
10-20	666.36
20-30	363.22
30-40	165.06
40-50	52.99
50-60	3.92
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: 20 ft.

Grid Spacing: 2.5 ft.

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