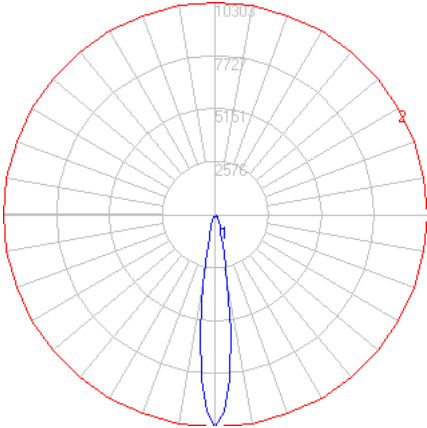
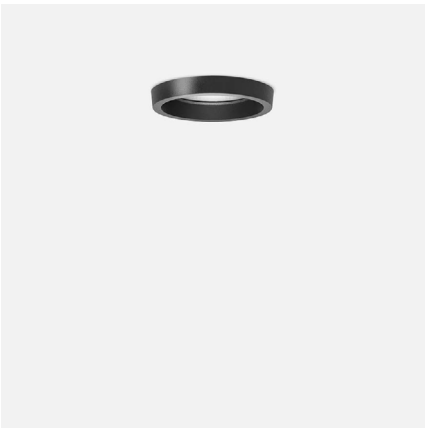


BEGA

File: 24235K4_BEGA_IES.ies

TEST: BE_24235K4
TEST LAB: BEGA
DATE: 6/24/2019
LUMINAIRE: 24 235K4
LAMP: 12.3W LED

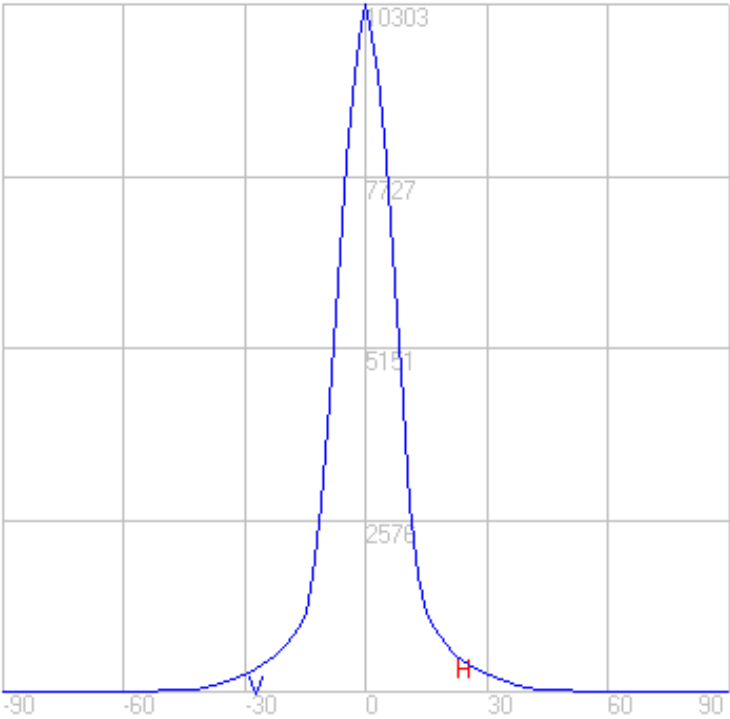
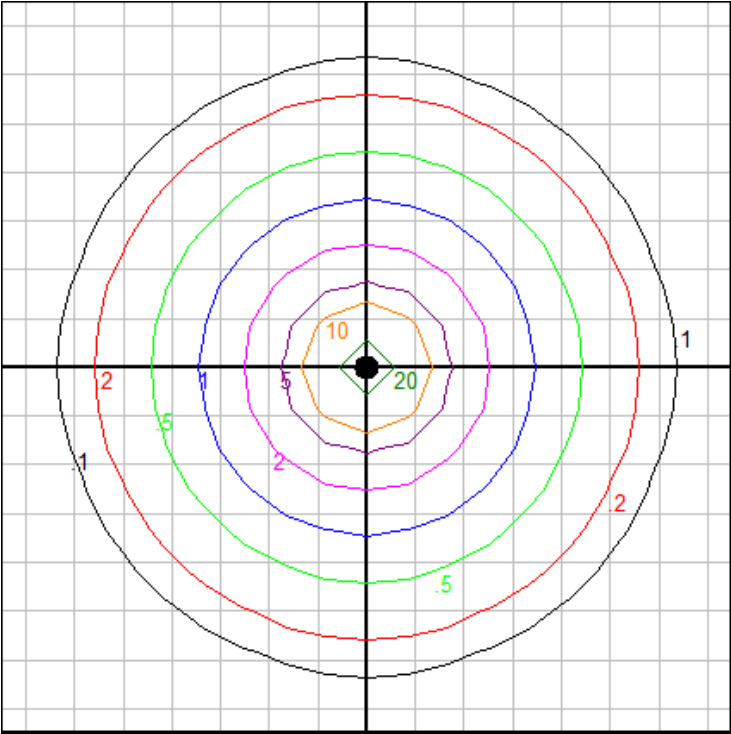


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	10302.714
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	16.2
Vertical Beam Angle (50%)	16.2
Horizontal Field Angle (10%)	32.6
Vertical Field Angle (10%)	32.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	442
Beam Efficiency	N.A.
Field Lumens	890
Field Efficiency	N.A.
Spill Lumens	427
Luminaire Lumens	1317
Total Efficiency	N.A.
Total Luminaire Watts	14
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	610.10
10-20	391.56
20-30	201.85
30-40	88.05
40-50	27.19
50-60	3.20
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.

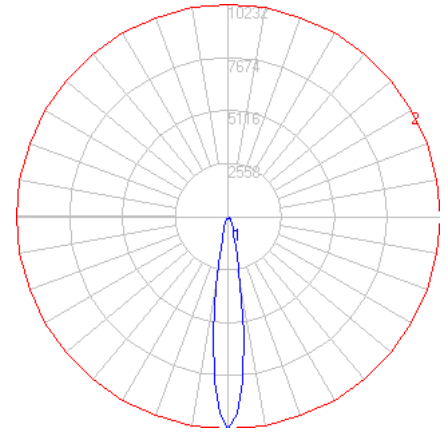
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File: 24235K35_BEGA_IES.ies

TEST: BE_24235K4
TEST LAB: BEGA
DATE: 6/24/2019
LUMINAIRE: 24 235K35
LAMP: 12.3W LED

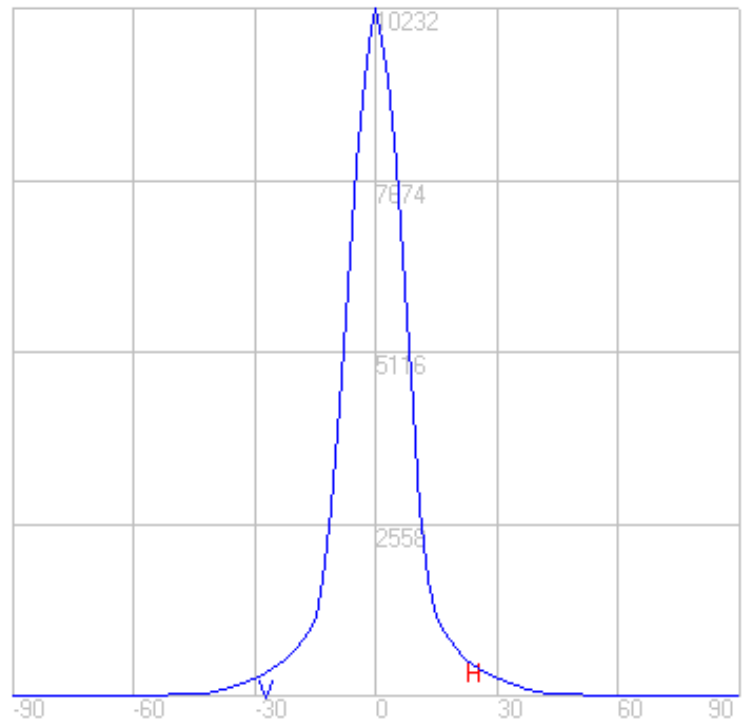
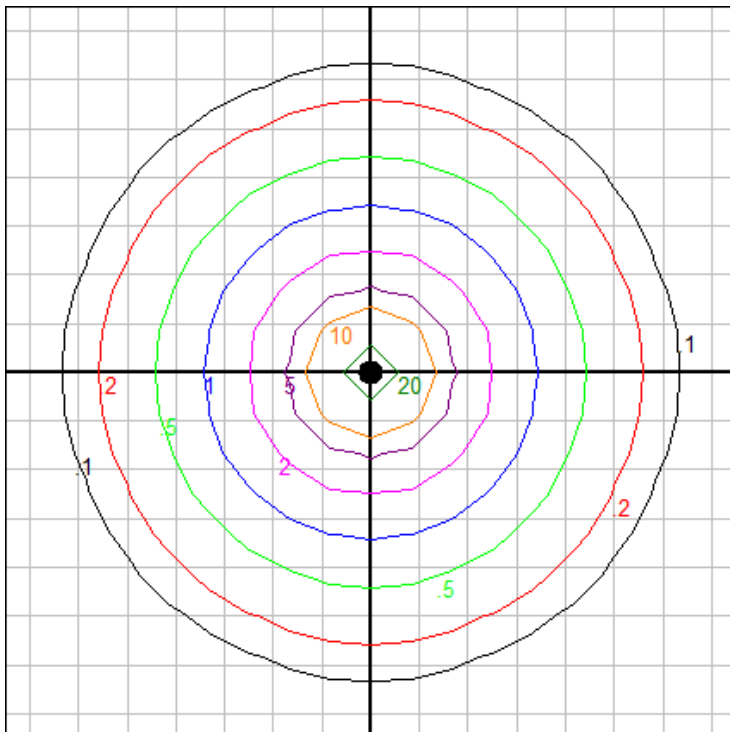


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	10231.661
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	16.2
Vertical Beam Angle (50%)	16.2
Horizontal Field Angle (10%)	32.6
Vertical Field Angle (10%)	32.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	439
Beam Efficiency	N.A.
Field Lumens	884
Field Efficiency	N.A.
Spill Lumens	424
Luminaire Lumens	1308
Total Efficiency	N.A.
Total Luminaire Watts	14
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	605.89
10-20	388.86
20-30	200.46
30-40	87.44
40-50	27.01
50-60	3.18
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: 20 ft.

Grid Spacing: 2.5 ft.

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

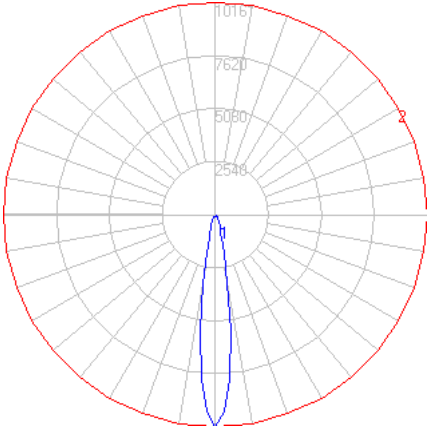
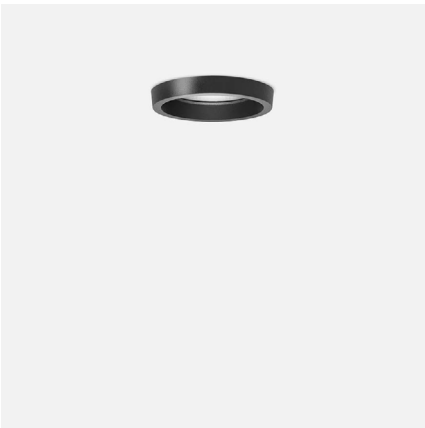
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File: 24235K3_BEGA_IES.ies

TEST: BE_24235K4
TEST LAB: BEGA
DATE: 6/24/2019
LUMINAIRE: 24 235K3
LAMP: 12.3W LED

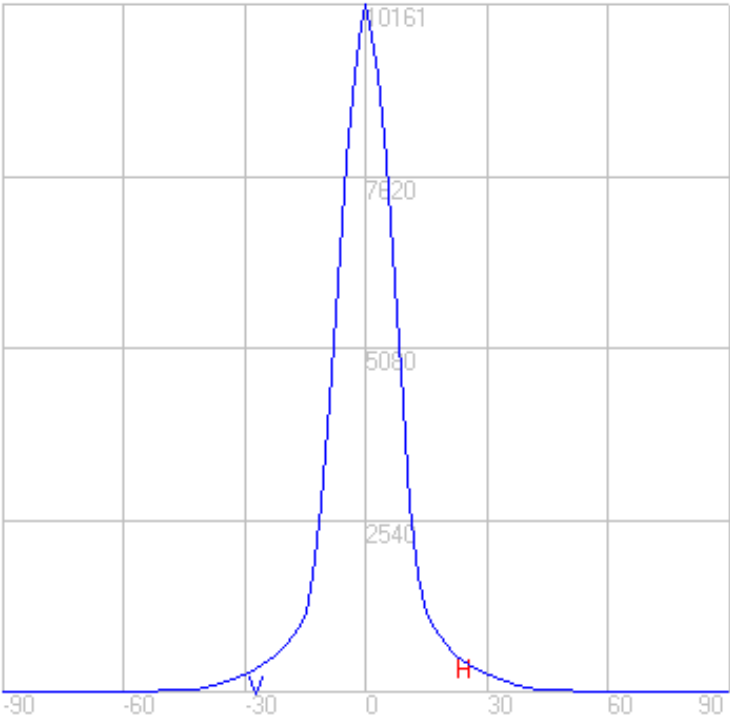
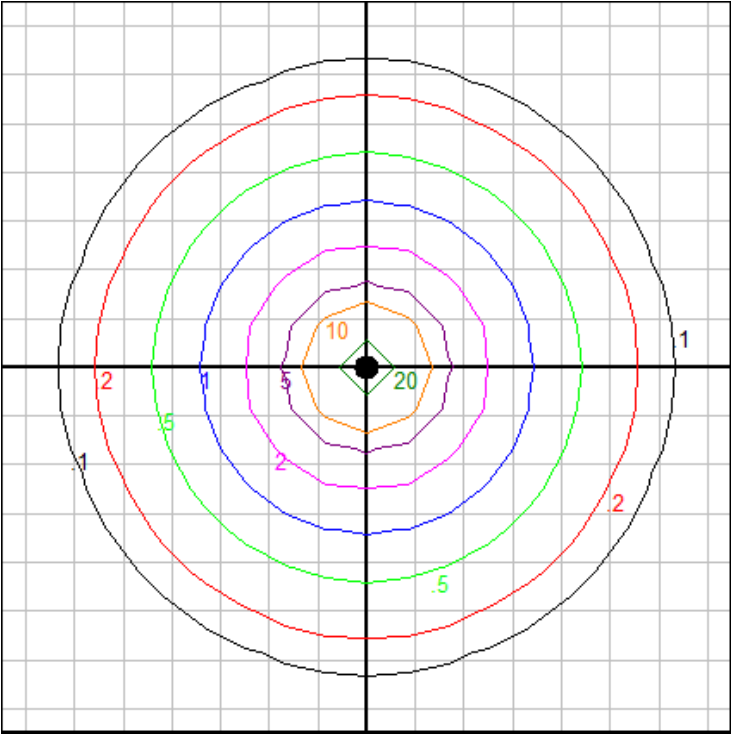


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	10160.607
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	16.2
Vertical Beam Angle (50%)	16.2
Horizontal Field Angle (10%)	32.6
Vertical Field Angle (10%)	32.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	436
Beam Efficiency	N.A.
Field Lumens	878
Field Efficiency	N.A.
Spill Lumens	421
Luminaire Lumens	1299
Total Efficiency	N.A.
Total Luminaire Watts	14
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	601.69
10-20	386.16
20-30	199.07
30-40	86.84
40-50	26.82
50-60	3.15
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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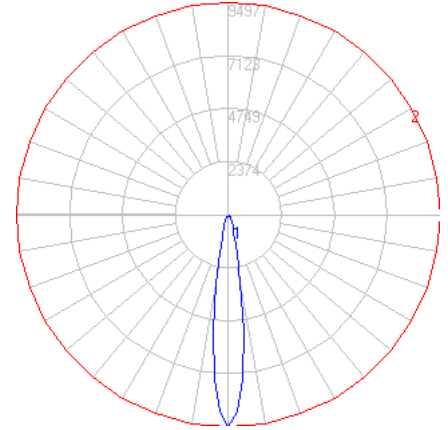
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BEGA

File: 24235K27_BEGA_IES.ies

TEST: BE_24235K4
TEST LAB: BEGA
DATE: 6/24/2019
LUMINAIRE: 24 235K27
LAMP: 12.3W LED

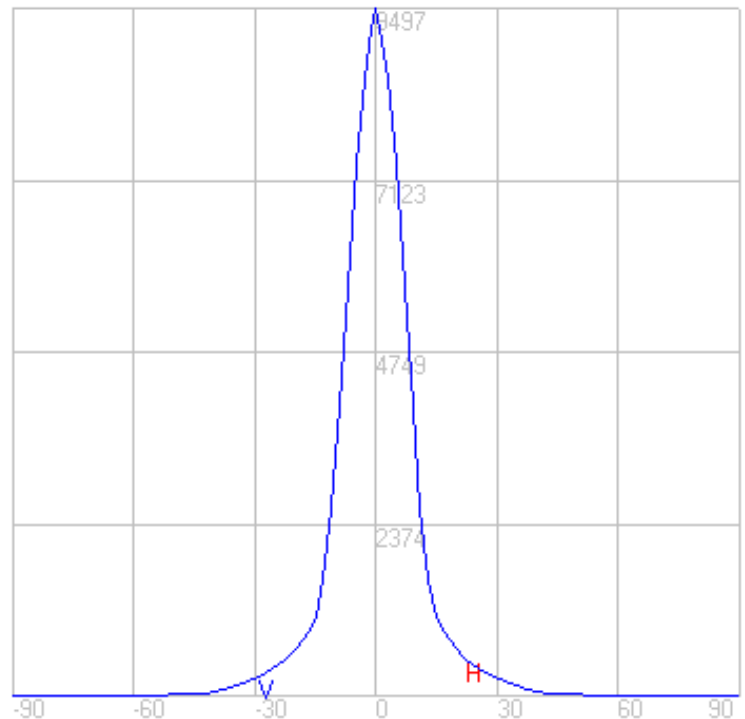
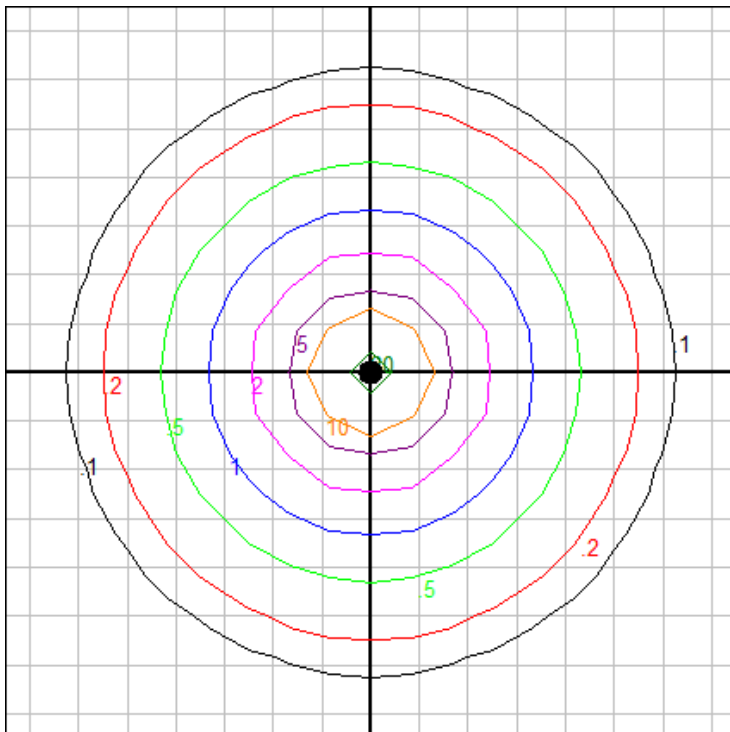


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	9497.444
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	16.2
Vertical Beam Angle (50%)	16.2
Horizontal Field Angle (10%)	32.6
Vertical Field Angle (10%)	32.6
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	393
Luminaire Lumens	1214
Total Efficiency	N.A.
Total Luminaire Watts	14
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	562.41
10-20	360.95
20-30	186.07
30-40	81.17
40-50	25.07
50-60	2.95
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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