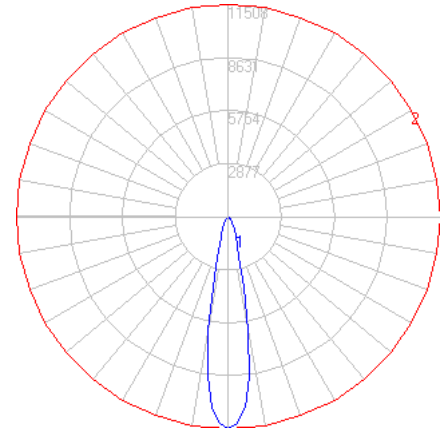


BEGA

File: 24401K4_BEGA_IES.ies

TEST: BE_24401K4
TEST LAB: BEGA
DATE: 7/19/2019
LUMINAIRE: 24 401K4
LAMP: 16.8W LED

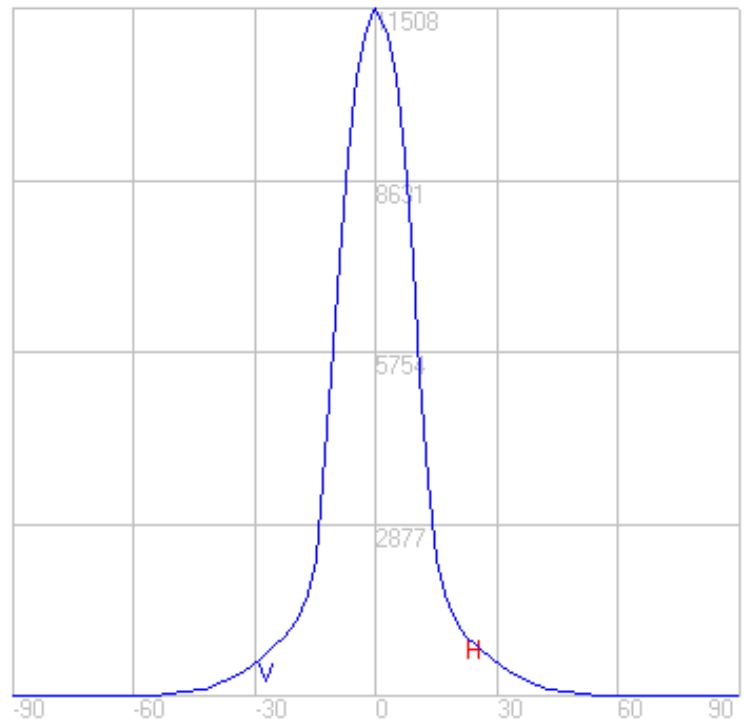
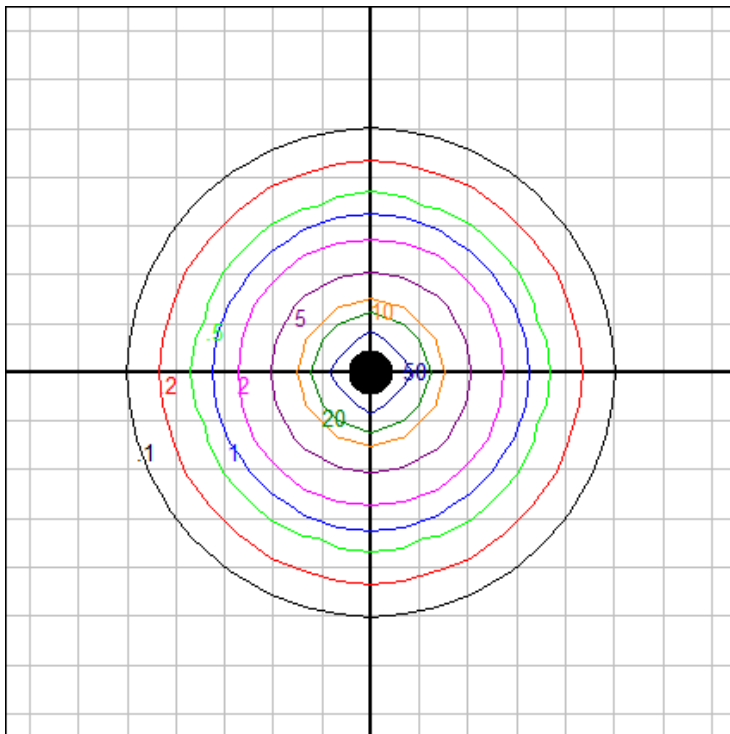


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	11508.4
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	21.2
Vertical Beam Angle (50%)	21.2
Horizontal Field Angle (10%)	41.7
Vertical Field Angle (10%)	41.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	923
Beam Efficiency	N.A.
Field Lumens	1618
Field Efficiency	N.A.
Spill Lumens	657
Luminaire Lumens	2275
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	860.53
10-20	745.69
20-30	383.80
30-40	205.50
40-50	66.66
50-60	17.06
60-70	0.01
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: 10 ft.

Grid Spacing: 2.5 ft.

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

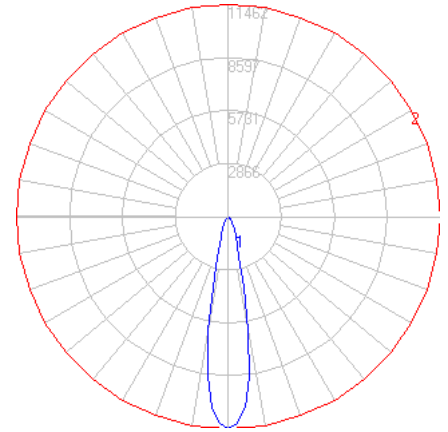
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File: 24401K35_BEGA_IES.ies

TEST: BE_24401K4
TEST LAB: BEGA
DATE: 7/19/2019
LUMINAIRE: 24 401K35
LAMP: 16.8W LED

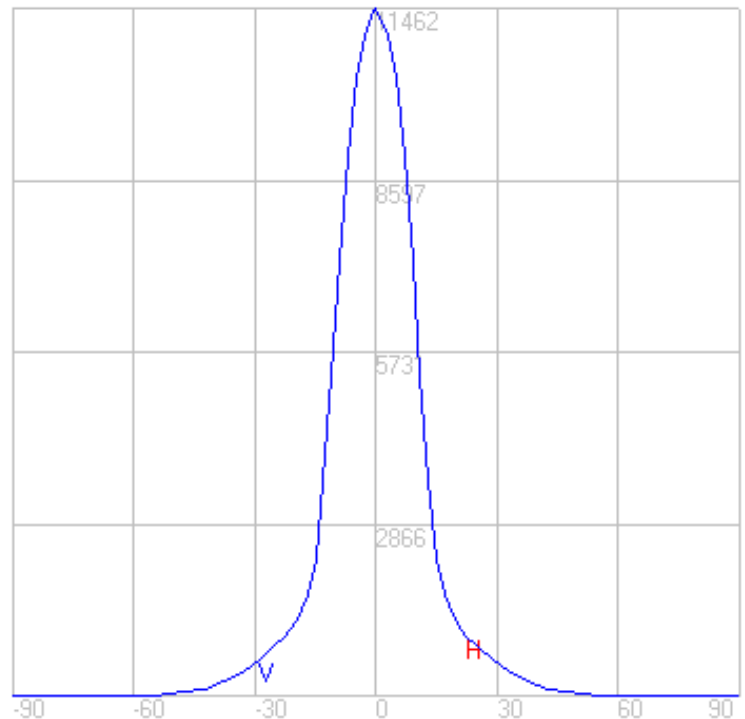
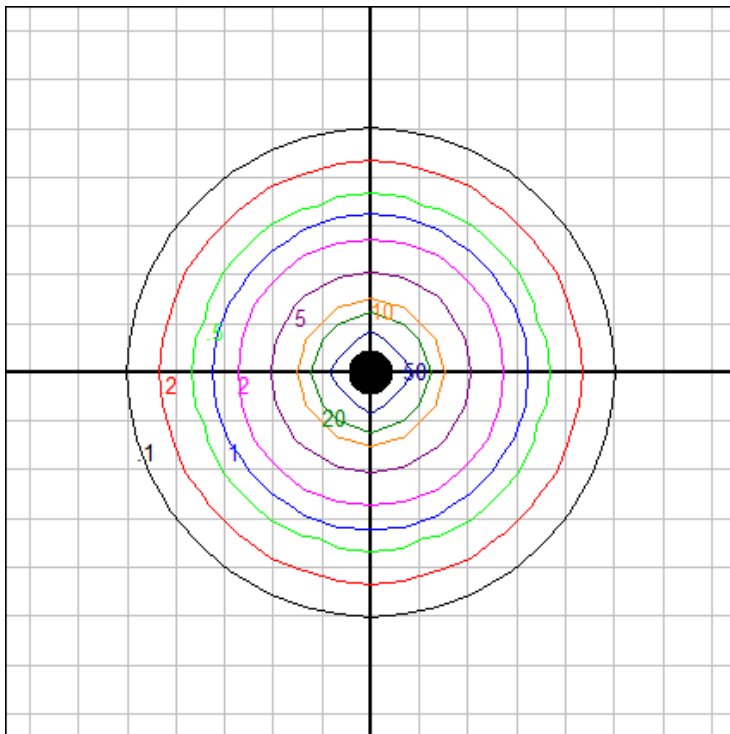


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	11462.366
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	21.2
Vertical Beam Angle (50%)	21.2
Horizontal Field Angle (10%)	41.7
Vertical Field Angle (10%)	41.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	919
Beam Efficiency	N.A.
Field Lumens	1612
Field Efficiency	N.A.
Spill Lumens	654
Luminaire Lumens	2266
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	857.09
10-20	742.70
20-30	382.27
30-40	204.68
40-50	66.40
50-60	16.99
60-70	0.01
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: 10 ft.

Grid Spacing: 2.5 ft.

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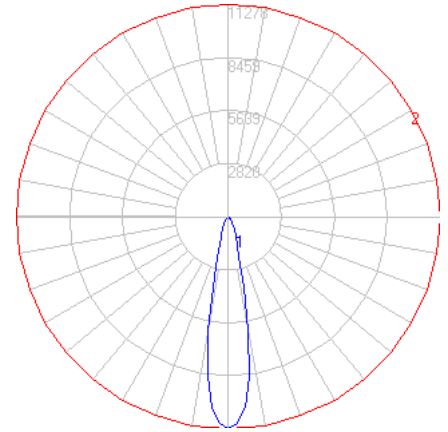
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File: 24401K3_BEGA_IES.ies

TEST: BE_24401K4
TEST LAB: BEGA
DATE: 7/19/2019
LUMINAIRE: 24 401K3
LAMP: 16.8W LED

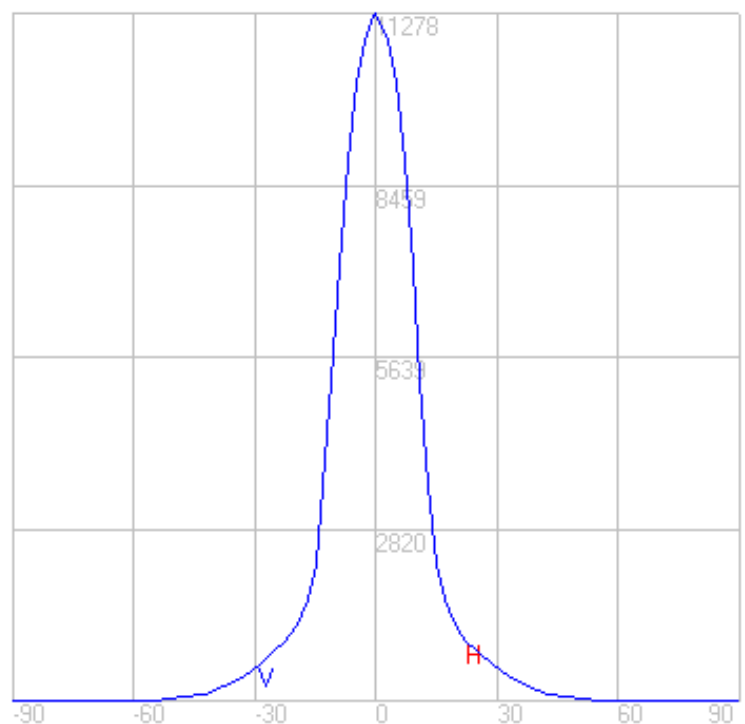
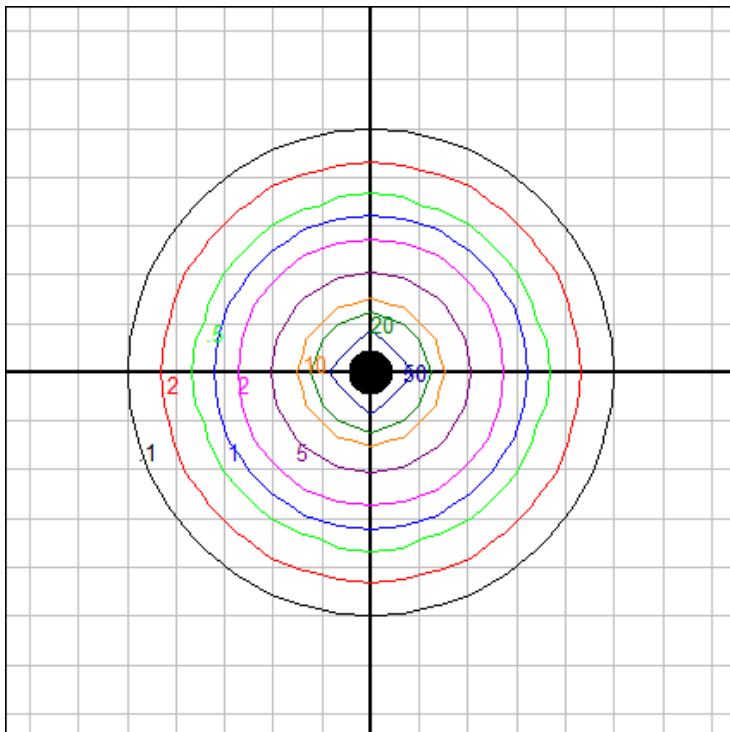


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	11278.232
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	21.2
Vertical Beam Angle (50%)	21.2
Horizontal Field Angle (10%)	41.7
Vertical Field Angle (10%)	41.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	904
Beam Efficiency	N.A.
Field Lumens	1586
Field Efficiency	N.A.
Spill Lumens	644
Luminaire Lumens	2229
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	843.32
10-20	730.77
20-30	376.13
30-40	201.39
40-50	65.33
50-60	16.72
60-70	0.01
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: 10 ft.

Grid Spacing: 2.5 ft.

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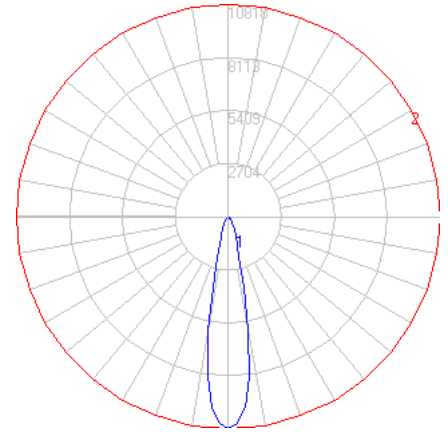
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File: 24401K27_BEGA_IES.ies

TEST: BE_24401K4
TEST LAB: BEGA
DATE: 7/19/2019
LUMINAIRE: 24 401K27
LAMP: 16.8W LED

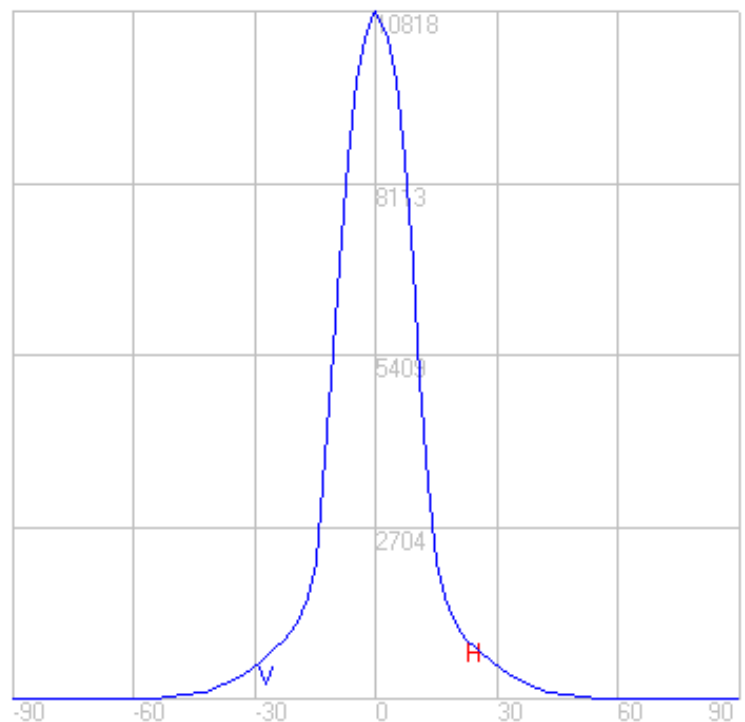
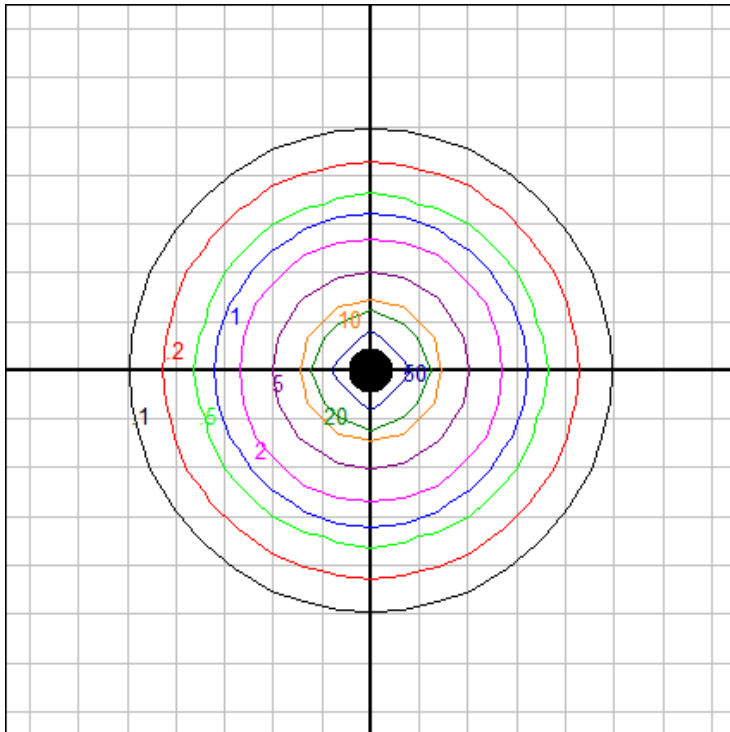


Characteristics

NEMA Type	3 H x 3 V
Maximum Candela	10817.896
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	21.2
Vertical Beam Angle (50%)	21.2
Horizontal Field Angle (10%)	41.7
Vertical Field Angle (10%)	41.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	867
Beam Efficiency	N.A.
Field Lumens	1521
Field Efficiency	N.A.
Spill Lumens	617
Luminaire Lumens	2138
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	808.90
10-20	700.94
20-30	360.78
30-40	193.17
40-50	62.66
50-60	16.04
60-70	0.01
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: 10 ft.

Grid Spacing: 2.5 ft.

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