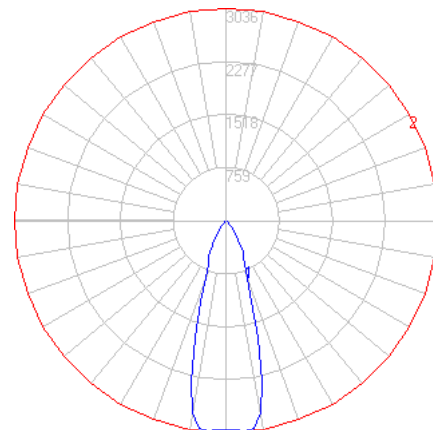


BEGA

File: 24283K4_BEGA_IES.ies

TEST: BE_24283K4
TEST LAB: BEGA
DATE: 6/13/2019
LUMINAIRE: 24 283K4
LAMP: 12.3W LED

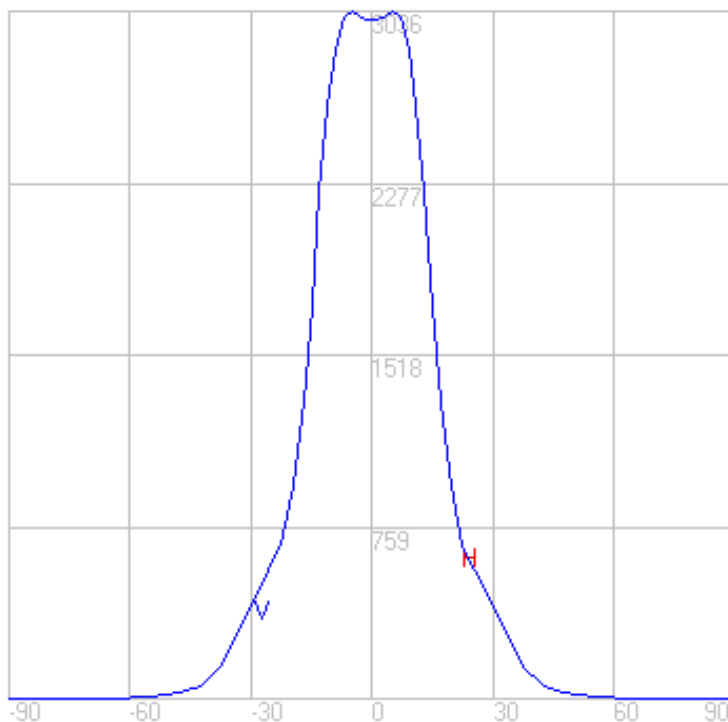
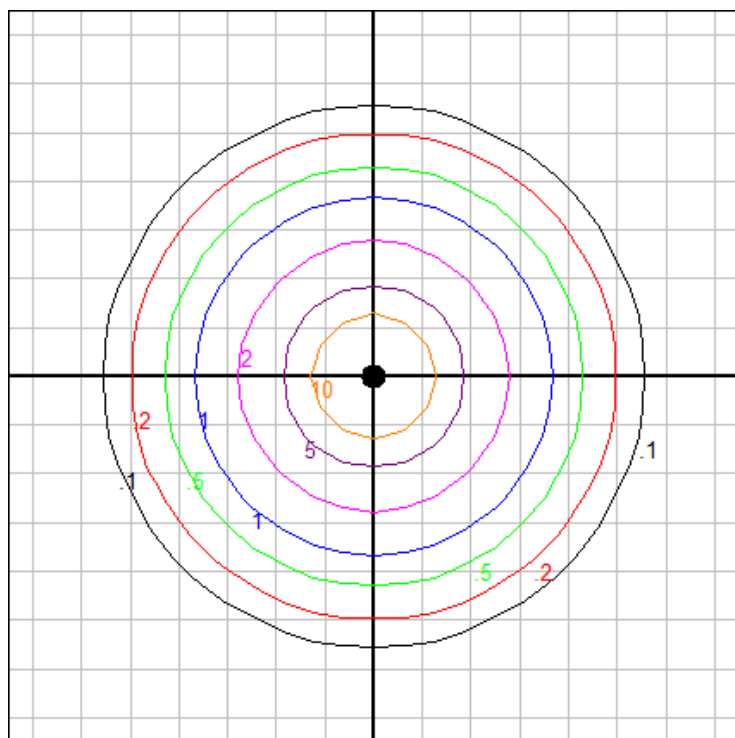


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	3035.865
Maximum Candela Angle	-5 H -1 V
Horizontal Beam Angle (50%)	30.5
Vertical Beam Angle (50%)	32.1
Horizontal Field Angle (10%)	65.1
Vertical Field Angle (10%)	65.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	589
Beam Efficiency	N.A.
Field Lumens	1090
Field Efficiency	N.A.
Spill Lumens	134
Luminaire Lumens	1224
Total Efficiency	N.A.
Total Luminaire Watts	14
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	283.23
10-20	476.41
20-30	274.02
30-40	142.53
40-50	33.32
50-60	11.53
60-70	1.44
70-80	0.68
80-90	0.31
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.

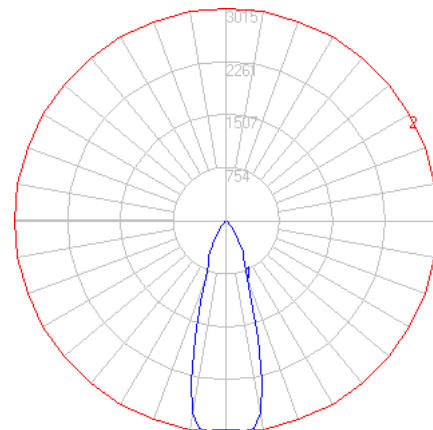
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File: 24283K35_BEGA_IES.ies

TEST: BE_24283K4
TEST LAB: BEGA
DATE: 6/13/2019
LUMINAIRE: 24 283K35
LAMP: 12.3W LED

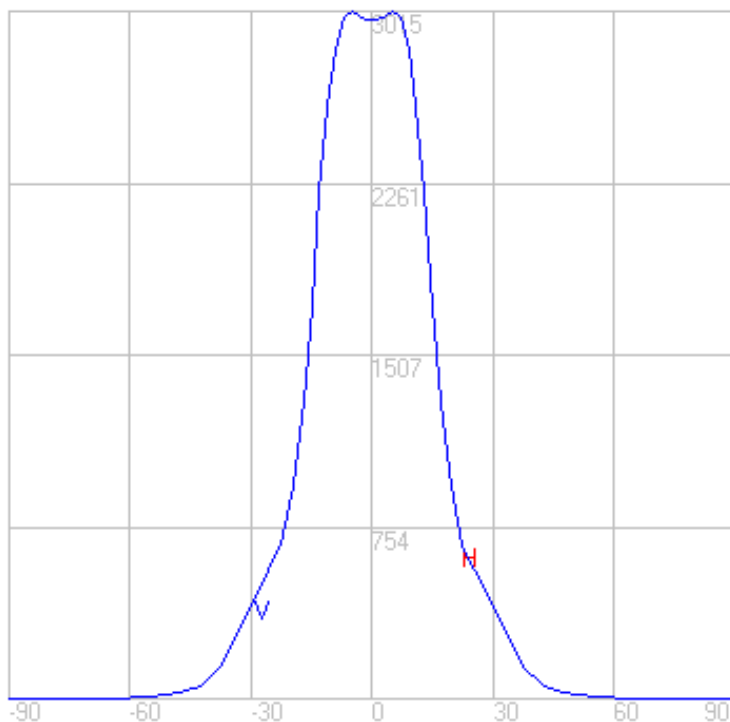
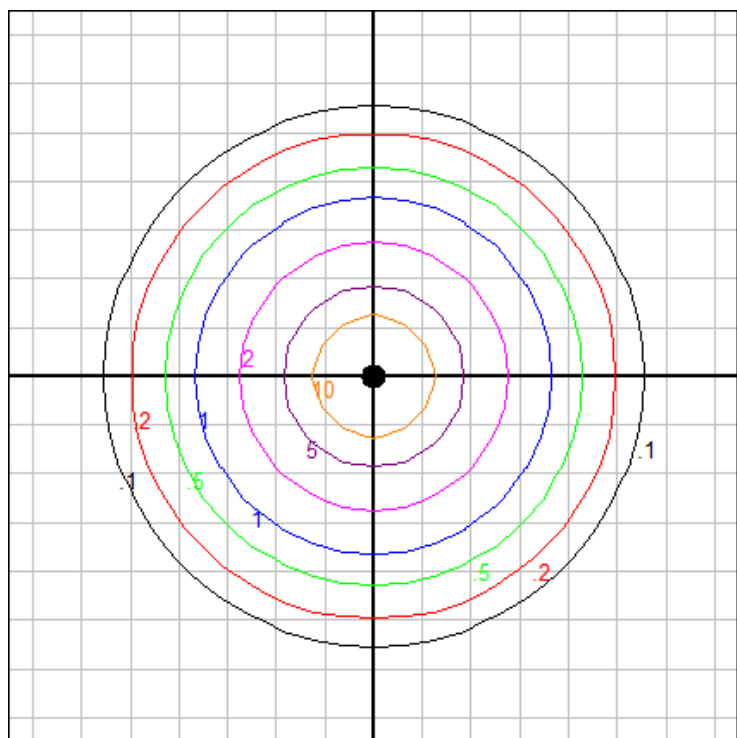


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	3014.928
Maximum Candela Angle	-5 H -1 V
Horizontal Beam Angle (50%)	30.5
Vertical Beam Angle (50%)	32.1
Horizontal Field Angle (10%)	65.1
Vertical Field Angle (10%)	65.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	585
Beam Efficiency	N.A.
Field Lumens	1083
Field Efficiency	N.A.
Spill Lumens	133
Luminaire Lumens	1216
Total Efficiency	N.A.
Total Luminaire Watts	14
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	281.28
10-20	473.12
20-30	272.13
30-40	141.54
40-50	33.09
50-60	11.45
60-70	1.43
70-80	0.67
80-90	0.31
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.

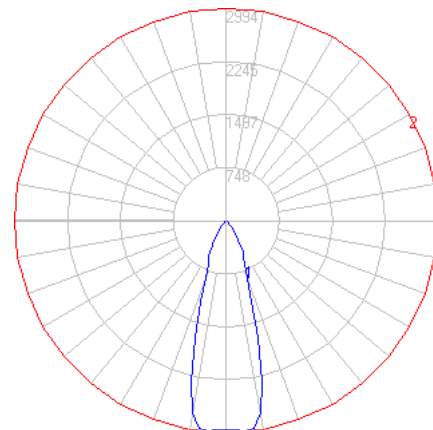
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File: 24283K3_BEGA_IES.ies

TEST: BE_24283K4
TEST LAB: BEGA
DATE: 6/13/2019
LUMINAIRE: 24 283K3
LAMP: 12.3W LED

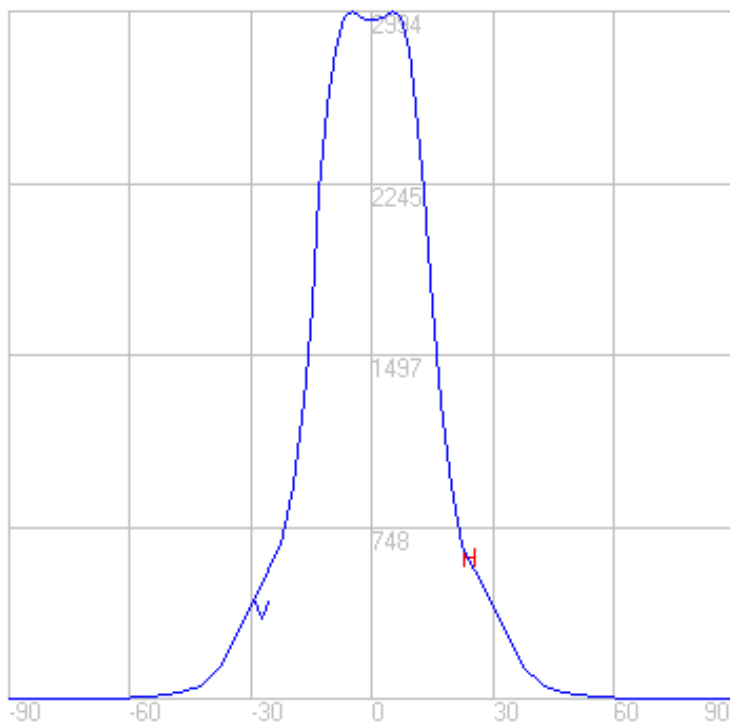
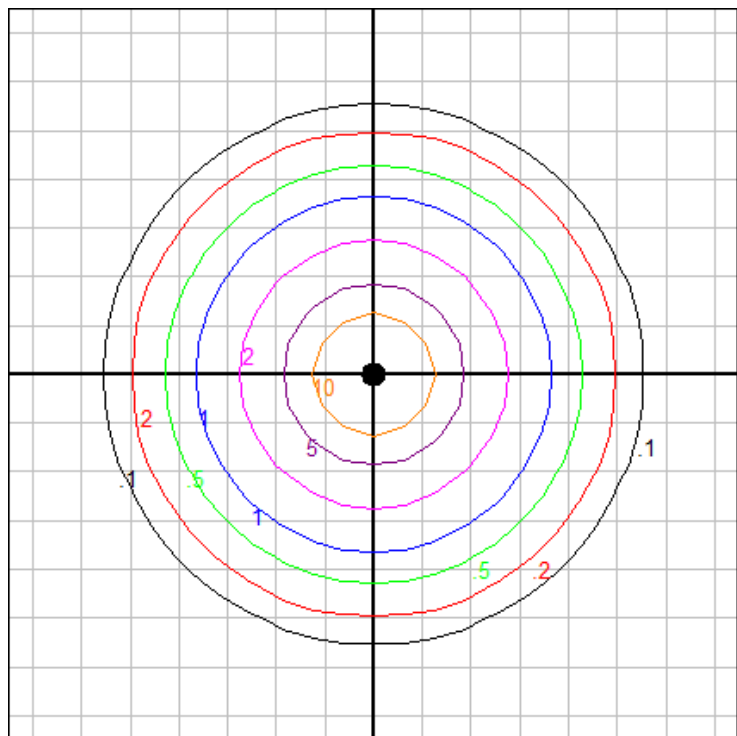


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	2993.991
Maximum Candela Angle	-5 H -1 V
Horizontal Beam Angle (50%)	30.5
Vertical Beam Angle (50%)	32.1
Horizontal Field Angle (10%)	65.1
Vertical Field Angle (10%)	65.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	581
Beam Efficiency	N.A.
Field Lumens	1075
Field Efficiency	N.A.
Spill Lumens	132
Luminaire Lumens	1207
Total Efficiency	N.A.
Total Luminaire Watts	14
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	279.32
10-20	469.84
20-30	270.24
30-40	140.56
40-50	32.86
50-60	11.37
60-70	1.42
70-80	0.67
80-90	0.30
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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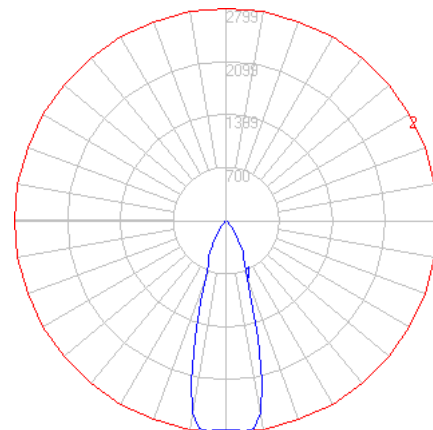
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BEGA

File: 24283K27_BEGA_IES.ies

TEST: BE_24283K4
TEST LAB: BEGA
DATE: 6/13/2019
LUMINAIRE: 24 283K27
LAMP: 12.3W LED

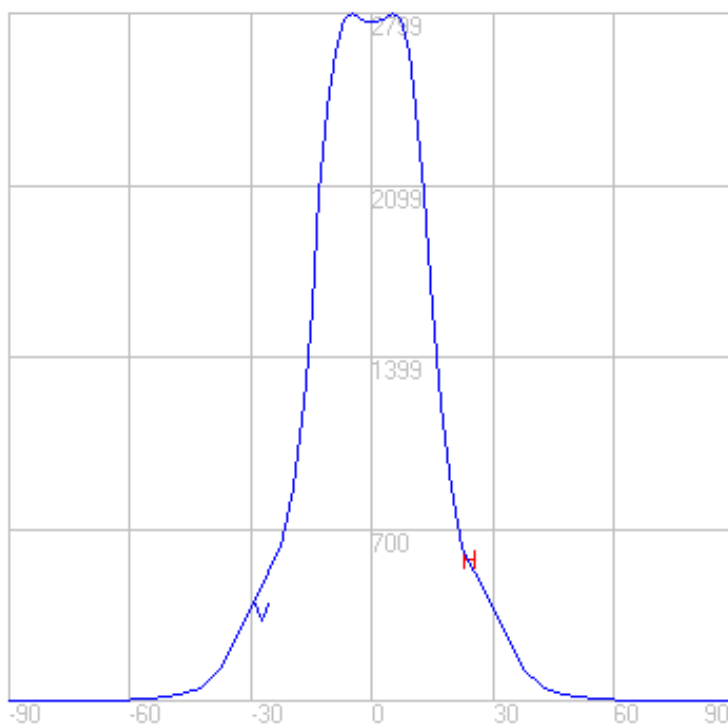
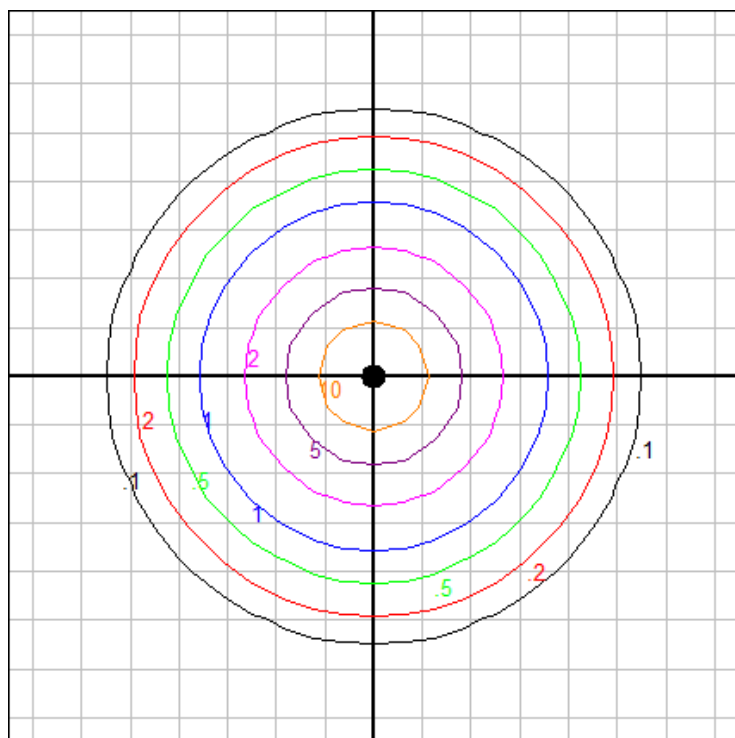


Characteristics

NEMA Type	4 H x 4 V
Maximum Candela	2798.579
Maximum Candela Angle	-5 H -1 V
Horizontal Beam Angle (50%)	30.5
Vertical Beam Angle (50%)	32.1
Horizontal Field Angle (10%)	65.1
Vertical Field Angle (10%)	65.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	543
Beam Efficiency	N.A.
Field Lumens	1005
Field Efficiency	N.A.
Spill Lumens	124
Luminaire Lumens	1129
Total Efficiency	N.A.
Total Luminaire Watts	14
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	261.09
10-20	439.17
20-30	252.60
30-40	131.39
40-50	30.72
50-60	10.63
60-70	1.33
70-80	0.62
80-90	0.28
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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