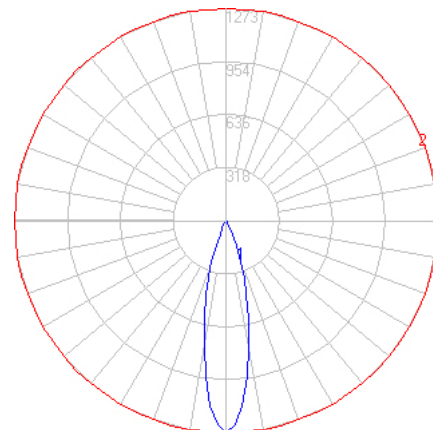
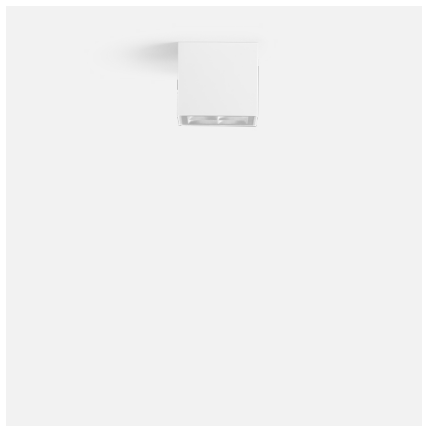


BEGA

File: 50162K4_BEGA_IES.ies

TEST: BE_50162K4
TEST LAB: BEGA
DATE: 05/05/2017
LUMINAIRE: 50 162K4
LAMP: 3.0W LED

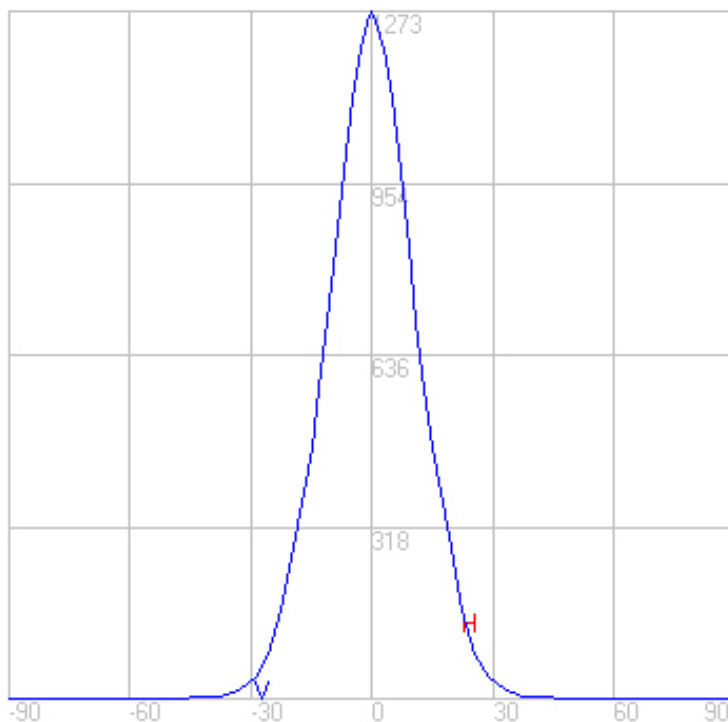
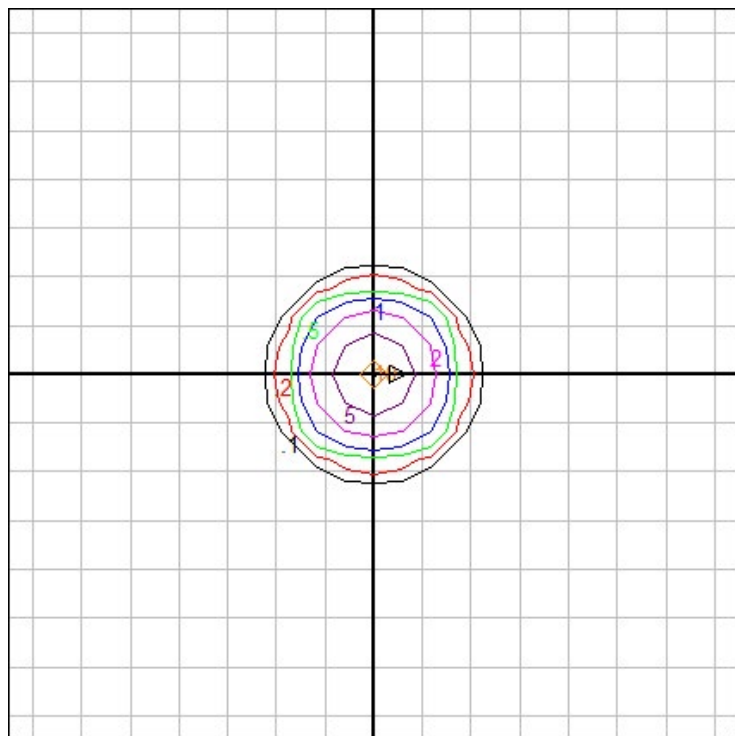


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	298
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	37
Total Luminaire Watts	8
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.42
Spacing Criterion (90-270)	0.42
Spacing Criterion (Diagonal)	0.46
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	0.25 ft
Luminous Width (90-270)	0.25 ft
Luminous Height	0.29 ft

Zonal Lumen Summary

Zone	Lumens
0-10	95.02
10-20	133.11
20-30	59.61
30-40	7.70
40-50	1.35
50-60	0.57
60-70	0.23
70-80	0.11
80-90	0.07
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: 3 ft.

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

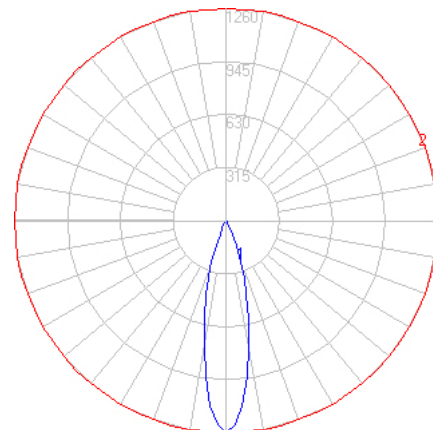
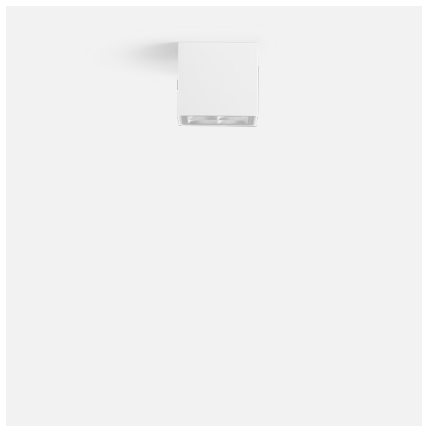
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BEGA

File: 50162K35_BEGA_IES.ies

TEST: BE_50162K4
TEST LAB: BEGA
DATE: 05/05/2017
LUMINAIRE: 50 162K35
LAMP: 3.0W LED

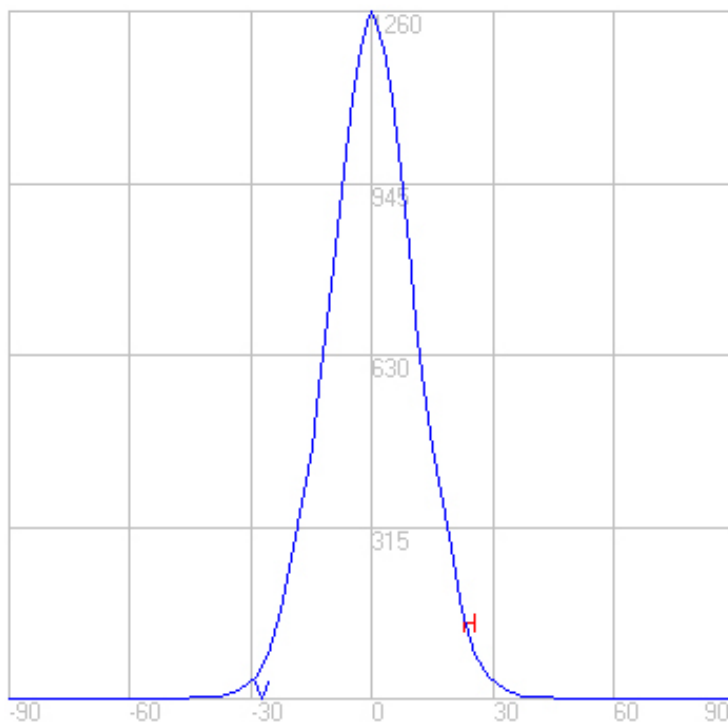
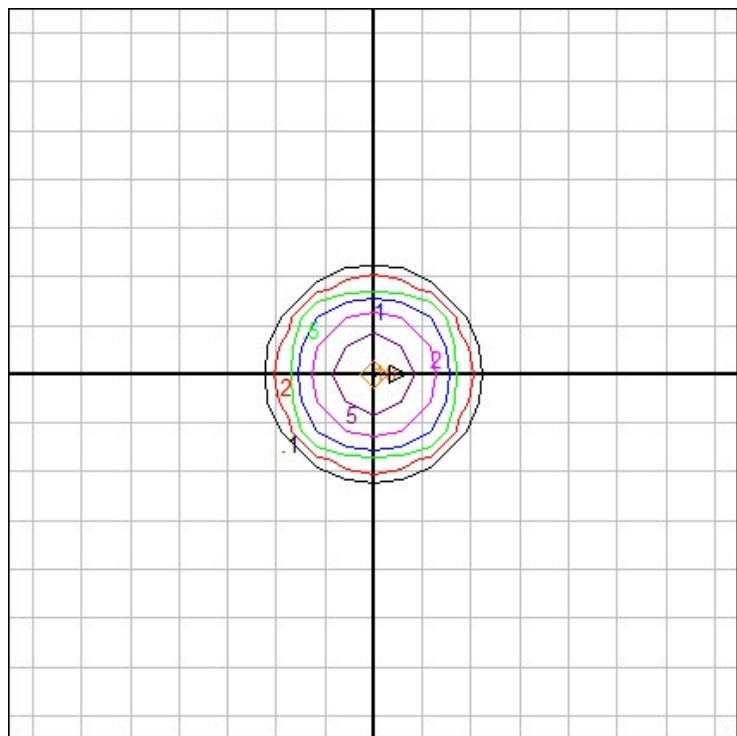


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	295
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	37
Total Luminaire Watts	8
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.42
Spacing Criterion (90-270)	0.42
Spacing Criterion (Diagonal)	0.46
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	0.25 ft
Luminous Width (90-270)	0.25 ft
Luminous Height	0.29 ft

Zonal Lumen Summary

Zone	Lumens
0-10	94.07
10-20	131.78
20-30	59.01
30-40	7.63
40-50	1.34
50-60	0.57
60-70	0.23
70-80	0.11
80-90	0.07
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: 3 ft.

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

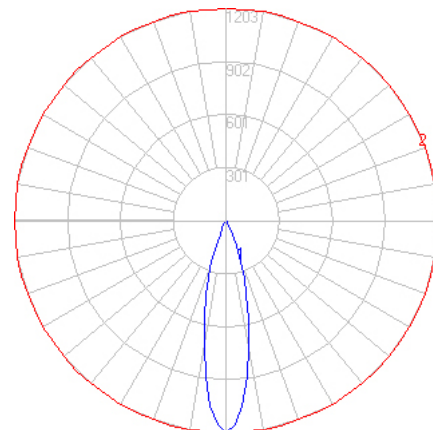
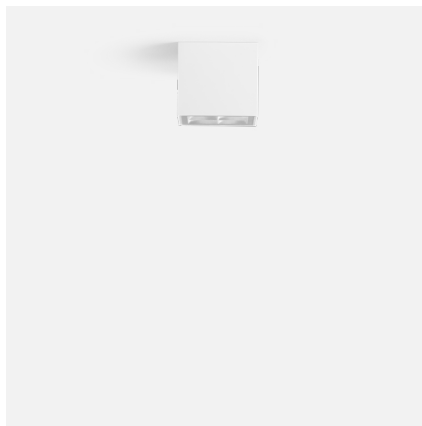
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File: 50162K3_BEGA_IES.ies

TEST: BE_50162K4
TEST LAB: BEGA
DATE: 05/05/2017
LUMINAIRE: 50 162K3
LAMP: 3.0W LED

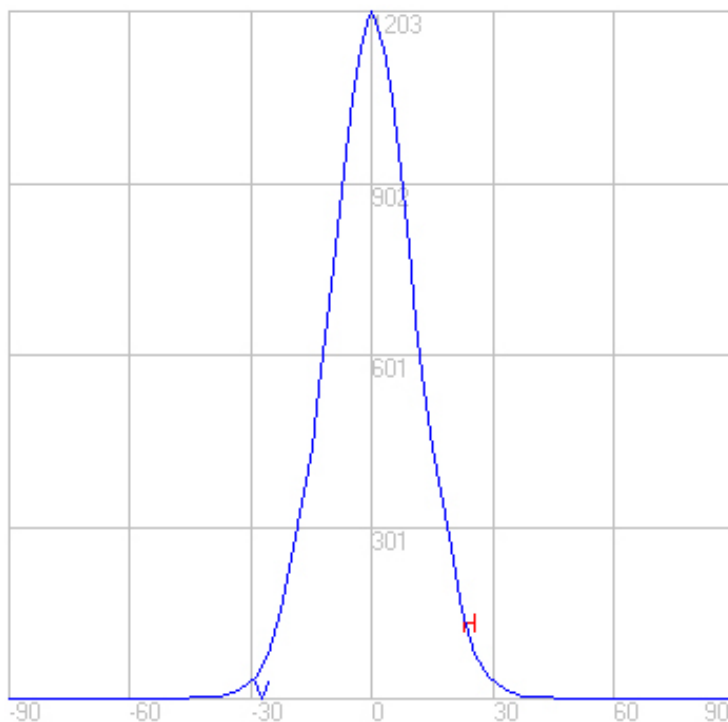
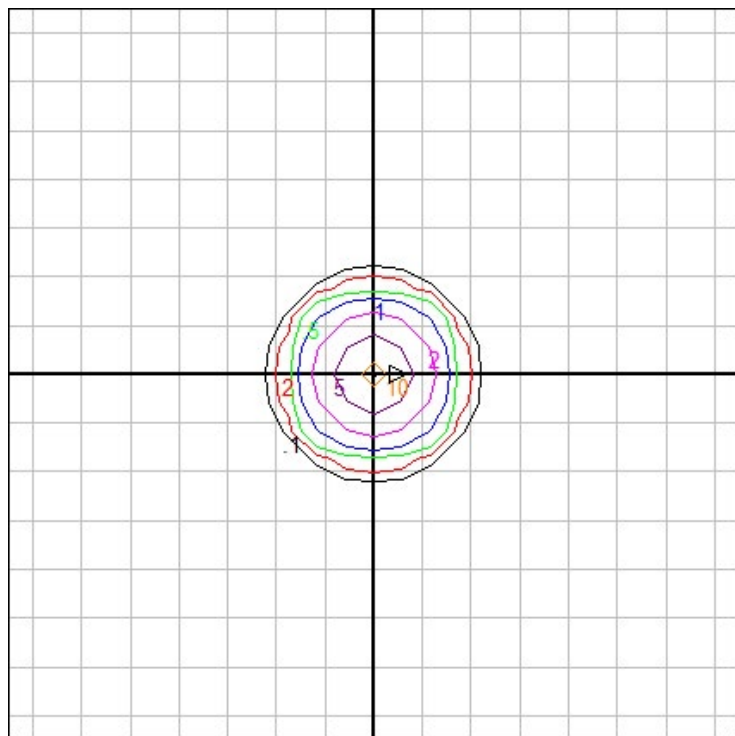


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	281
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	35
Total Luminaire Watts	8
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.42
Spacing Criterion (90-270)	0.42
Spacing Criterion (Diagonal)	0.46
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	0.25 ft
Luminous Width (90-270)	0.25 ft
Luminous Height	0.29 ft

Zonal Lumen Summary

Zone	Lumens
0-10	89.79
10-20	125.79
20-30	56.33
30-40	7.28
40-50	1.28
50-60	0.54
60-70	0.22
70-80	0.10
80-90	0.06
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: 3 ft.

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

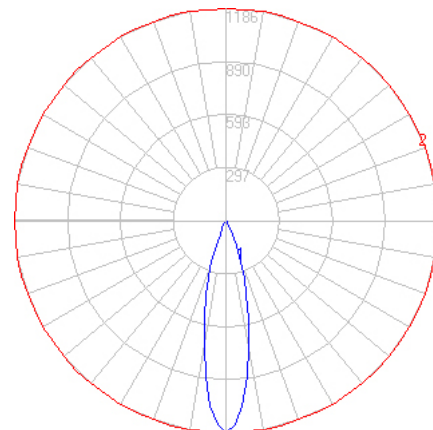
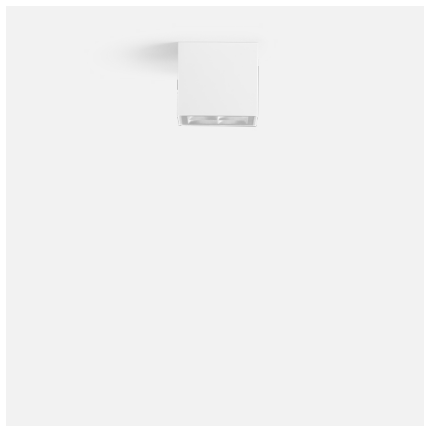
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BEGA

File: 50162K27_BEGA_IES.ies

TEST: BE_50162K4
TEST LAB: BEGA
DATE: 05/05/2017
LUMINAIRE: 50 162K27
LAMP: 3.0W LED

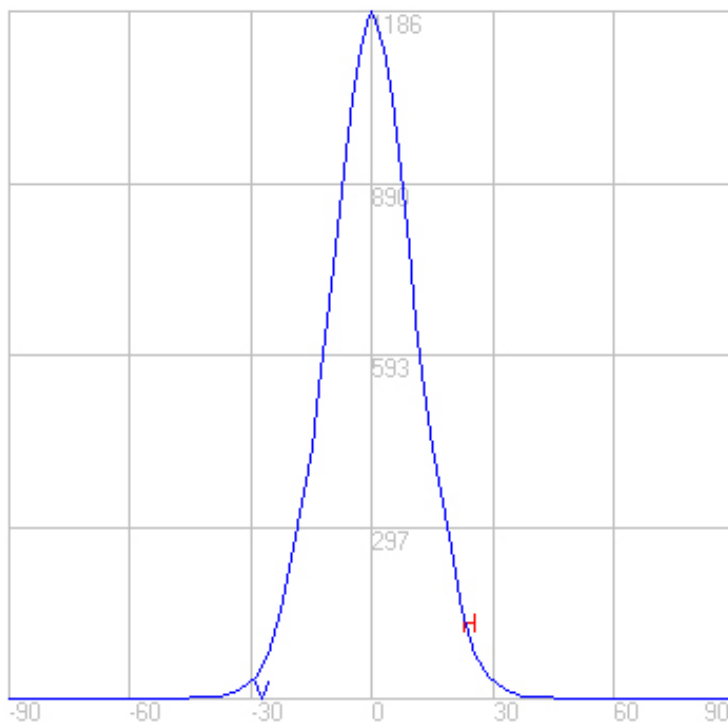
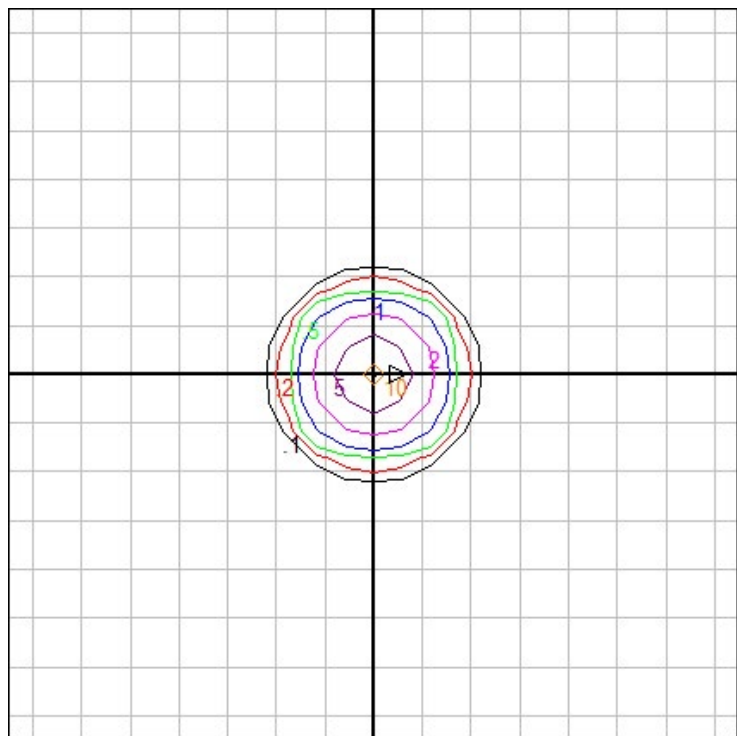


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	278
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	35
Total Luminaire Watts	8
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.42
Spacing Criterion (90-270)	0.42
Spacing Criterion (Diagonal)	0.46
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	0.25 ft
Luminous Width (90-270)	0.25 ft
Luminous Height	0.29 ft

Zonal Lumen Summary

Zone	Lumens
0-10	88.56
10-20	124.06
20-30	55.55
30-40	7.18
40-50	1.26
50-60	0.53
60-70	0.22
70-80	0.10
80-90	0.06
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: 3 ft.

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