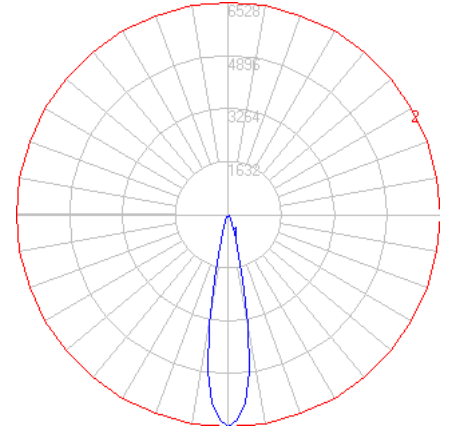


BEGA

File: 50377K4.ies

TEST: BE_50377K4
 TEST LAB: BEGA
 DATE: 12/09/2017
 LUMINAIRE: 50 377K4
 LAMP: 8.1W LED

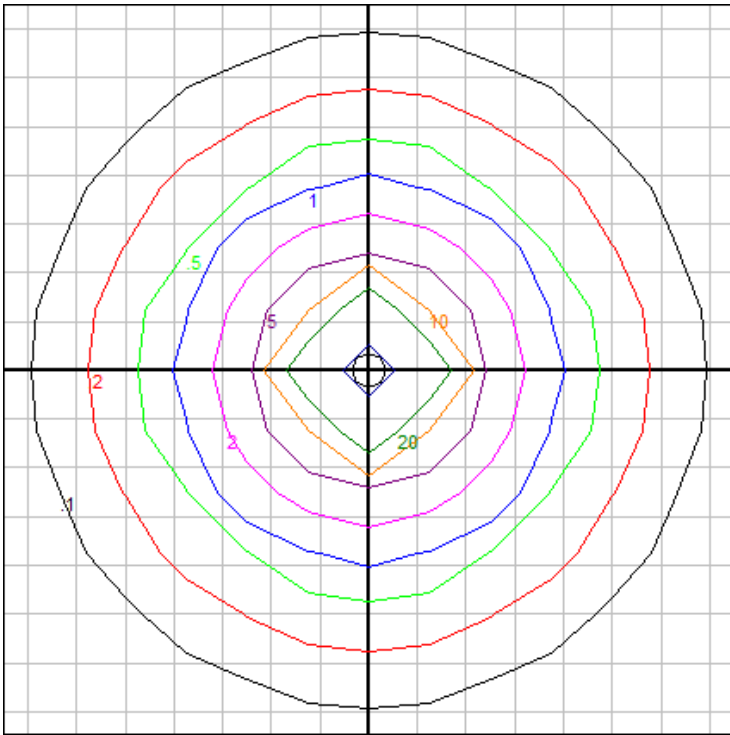


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1055
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	88
Total Luminaire Watts	12
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.36
Spacing Criterion (90-270)	0.36
Spacing Criterion (Diagonal)	0.34
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.33 ft (Diameter)
Luminous Height	0.00 ft

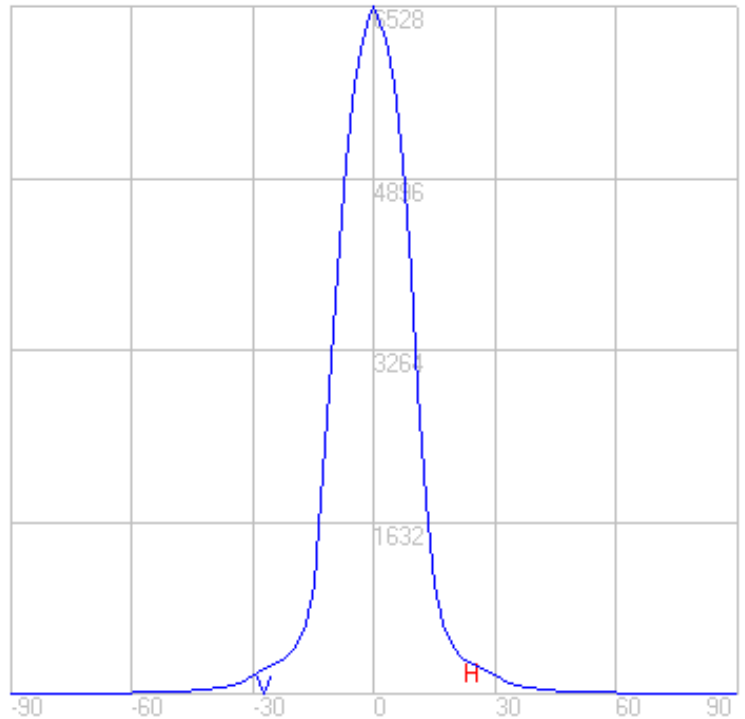
Zonal Lumen Summary

Zone	Lumens
0-10	480.01
10-20	351.95
20-30	125.51
30-40	51.59
40-50	24.20
50-60	10.28
60-70	3.66
70-80	4.31
80-90	3.86
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 = 1.5 ft.



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

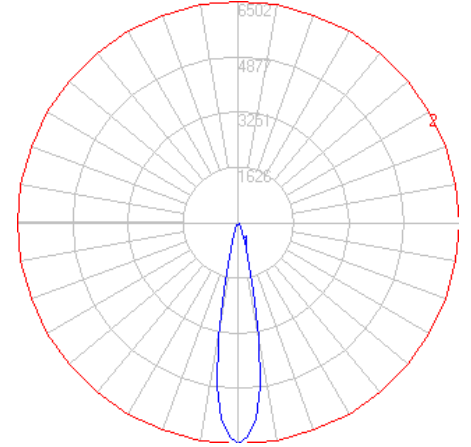
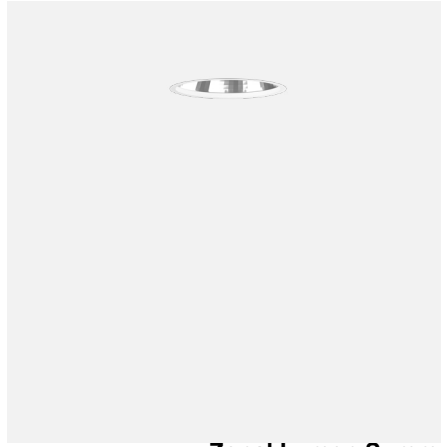
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BEGA

File: 50377K35.ies

TEST: BE_50377K4
 TEST LAB: BEGA
 DATE: 12/09/2017
 LUMINAIRE: 50 377K35
 LAMP: 8.1W LED

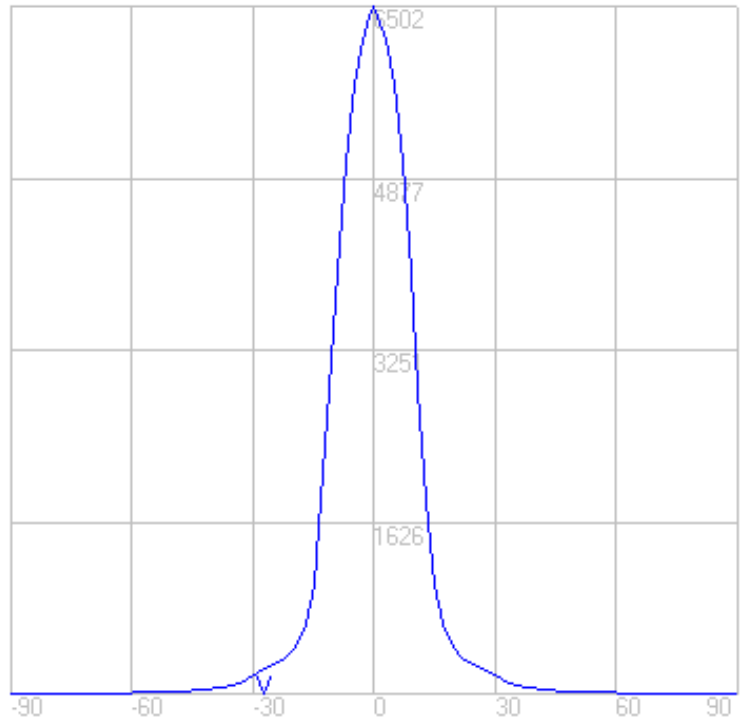
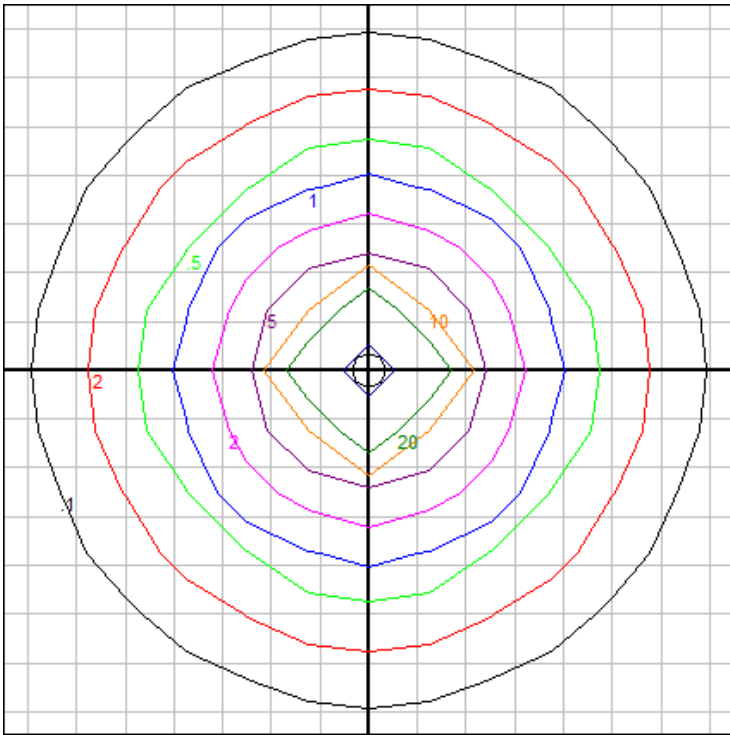


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1051
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	88
Total Luminaire Watts	12
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.36
Spacing Criterion (90-270)	0.36
Spacing Criterion (Diagonal)	0.34
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.33 ft (Diameter)
Luminous Height	0.00 ft

Zonal Lumen Summary

Zone	Lumens
0-10	478.14
10-20	350.58
20-30	125.02
30-40	51.39
40-50	24.11
50-60	10.24
60-70	3.64
70-80	4.29
80-90	3.84
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.

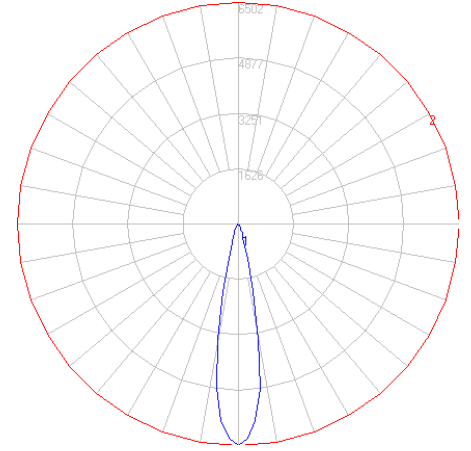
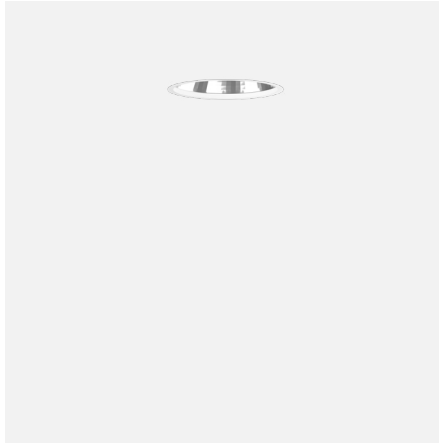
Grid Spacing = 1.5 ft.

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

BEGA

File: 50377K3.ies

TEST: BE_50377K4
 TEST LAB: BEGA
 DATE: 12/09/2017
 LUMINAIRE: 50 377K3
 LAMP: 8.1W LED

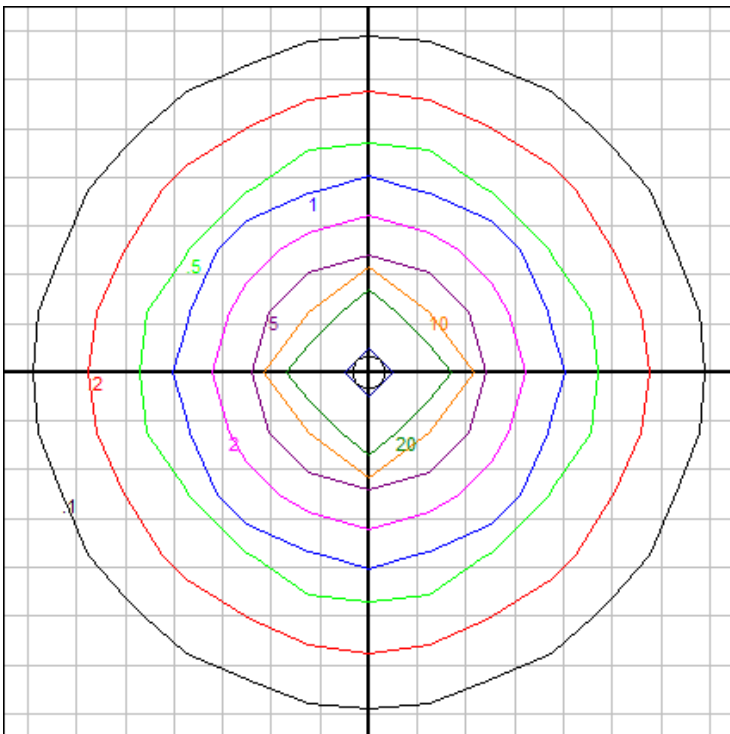


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1039
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	87
Total Luminaire Watts	12
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.36
Spacing Criterion (90-270)	0.36
Spacing Criterion (Diagonal)	0.34
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.33 ft (Diameter)
Luminous Height	0.00 ft

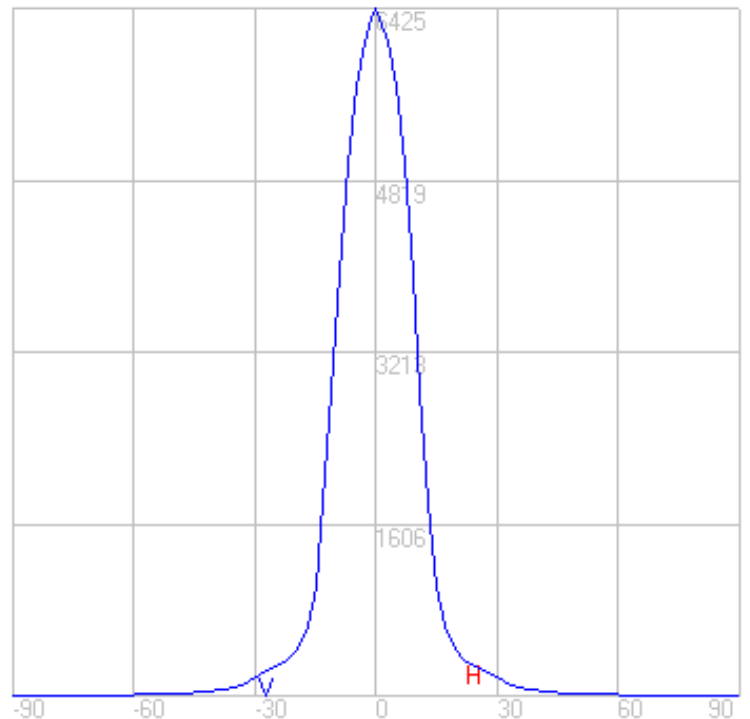
Zonal Lumen Summary

Zone	Lumens
0-10	472.48
10-20	346.42
20-30	123.54
30-40	50.78
40-50	23.82
50-60	10.12
60-70	3.60
70-80	4.24
80-90	3.80
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 = 1.5 ft.



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

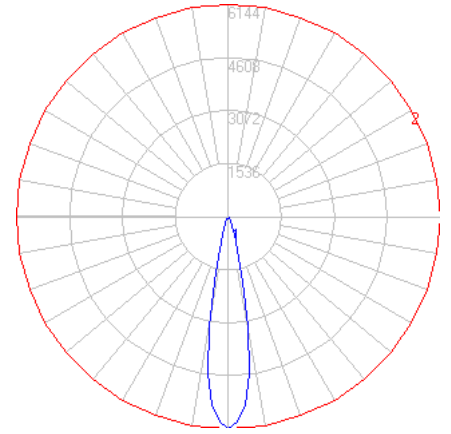
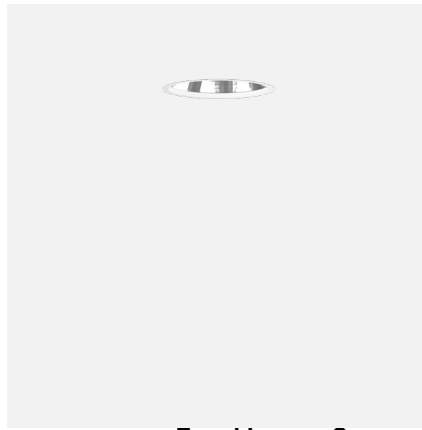
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File: 50377K27.ies

TEST: BE_50377K4
 TEST LAB: BEGA
 DATE: 12/09/2017
 LUMINAIRE: 50 377K27
 LAMP: 8.1W LED

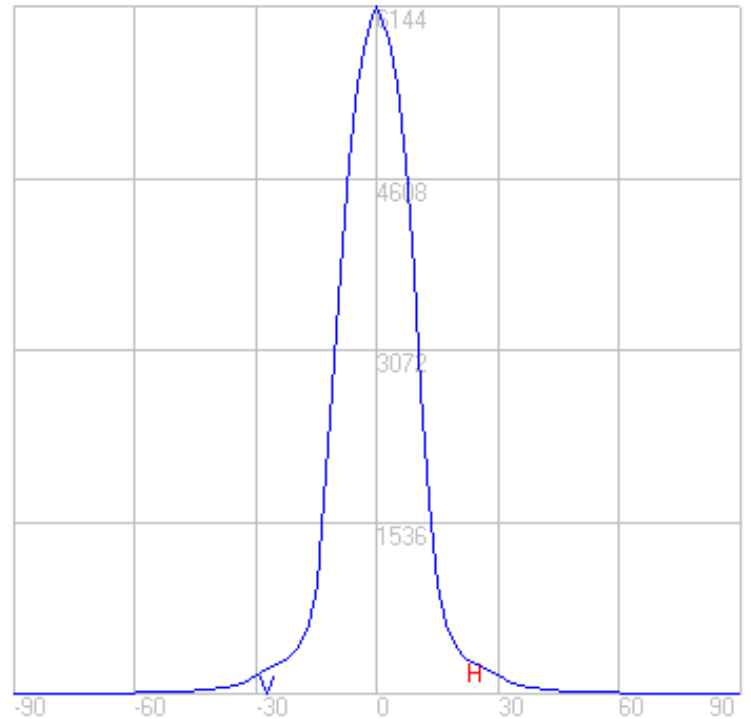
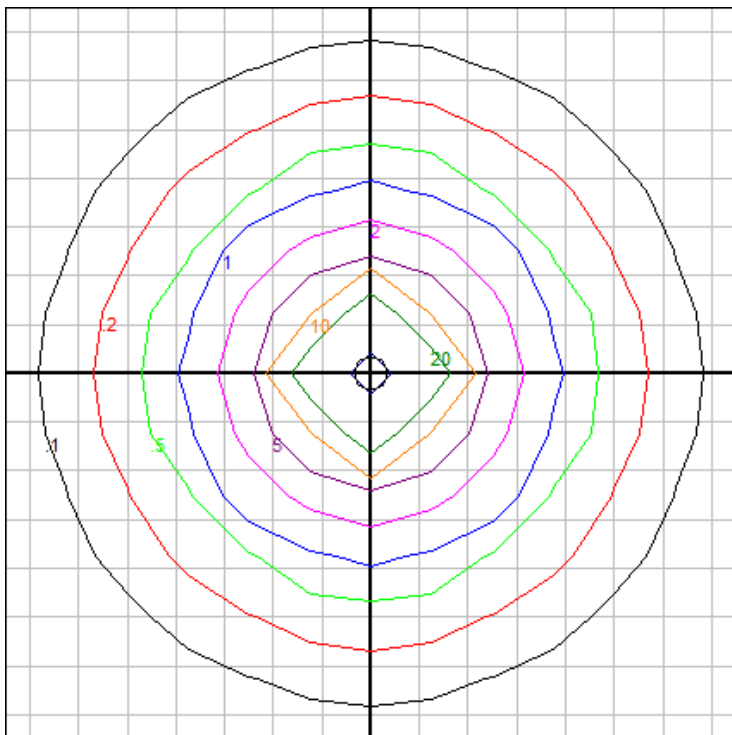


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	993
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	83
Total Luminaire Watts	12
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.36
Spacing Criterion (90-270)	0.36
Spacing Criterion (Diagonal)	0.34
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.33 ft (Diameter)
Luminous Height	0.00 ft

Zonal Lumen Summary

Zone	Lumens
0-10	451.79
10-20	331.25
20-30	118.13
30-40	48.55
40-50	22.78
50-60	9.68
60-70	3.44
70-80	4.06
80-90	3.63
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 = 1.5 ft.

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