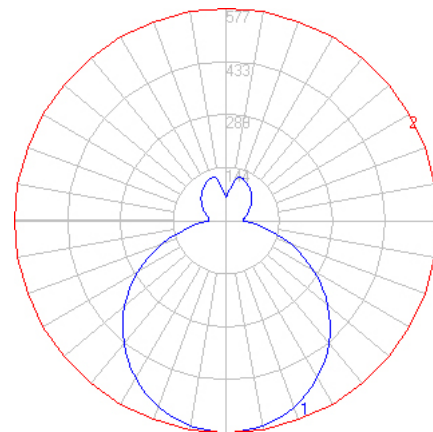


# BEGA

File: 12161K4\_BEGA\_IES.ies

TEST: BE\_12161K4  
TEST LAB: BEGA  
DATE: 12/18/2017  
LUMINAIRE: 12161K4  
LAMP: 25.2W LED

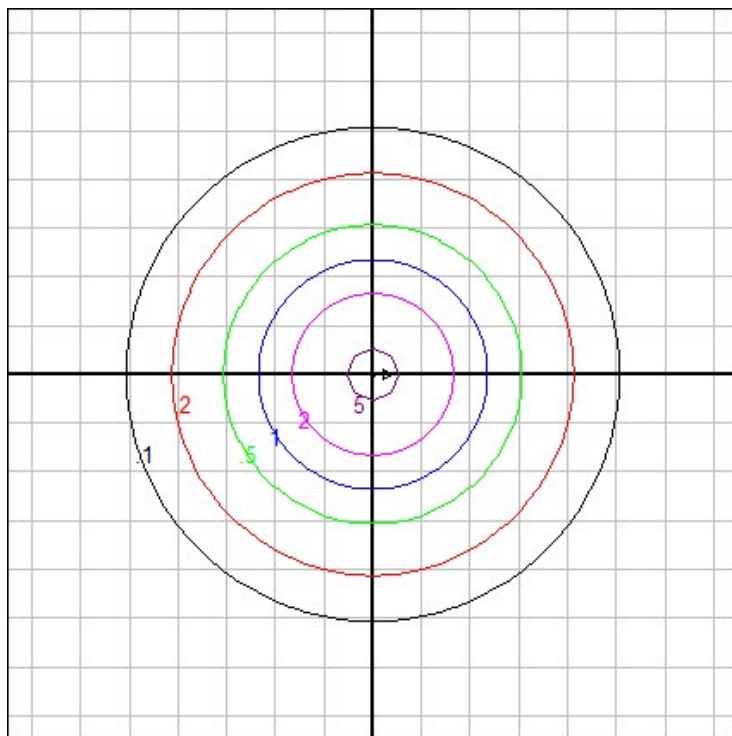


## Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2286
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	82
Total Luminaire Watts	28
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.40
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	1.51 ft (Diameter)
Luminous Height	0.29 ft

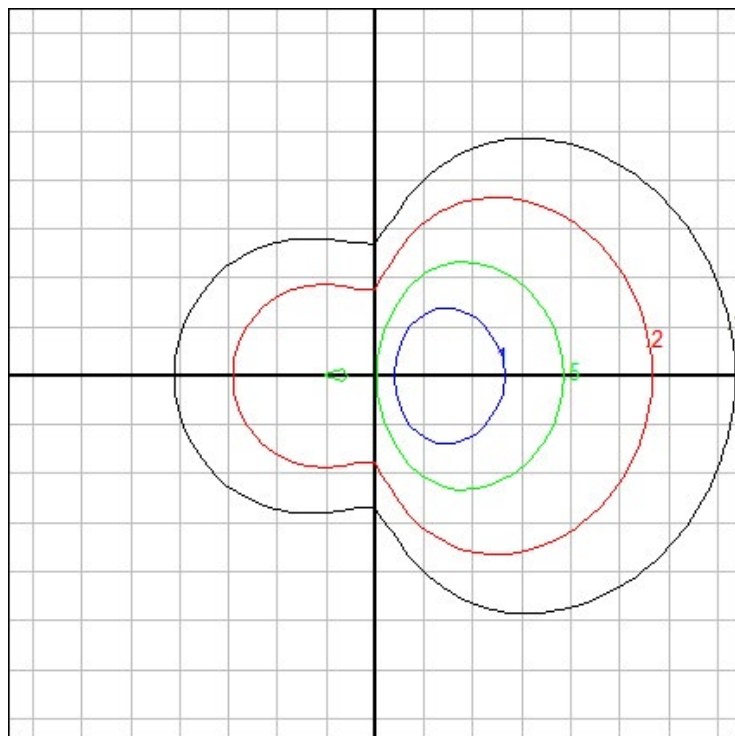
## Zonal Lumen Summary

Zone	Lumens
0-10	54.55
10-20	156.68
20-30	239.09
30-40	291.65
40-50	308.20
50-60	286.75
60-70	230.28
70-80	149.76
80-90	74.79
90-100	52.68
100-110	58.91
110-120	67.53
120-130	73.99
130-140	74.76
140-150	68.49
150-160	55.33
160-170	33.74
170-180	8.33



Mounting Height: 10 ft.

Grid Spacing: 5 ft.



Mounting Height: 10 ft.

Grid Spacing: 5 ft.

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

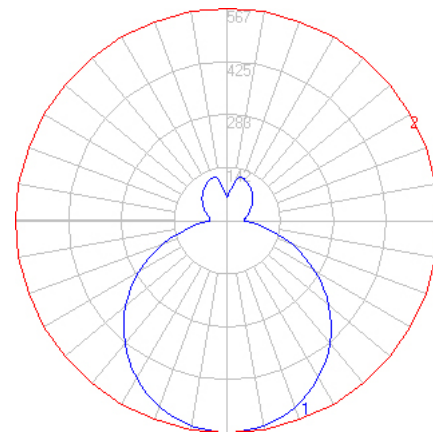
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# BEGA

File: 12161K35\_BEGA\_IES.ies

TEST: BE\_12161K4  
TEST LAB: BEGA  
DATE: 12/18/2017  
LUMINAIRE: 12161K35  
LAMP: 25.2W LED

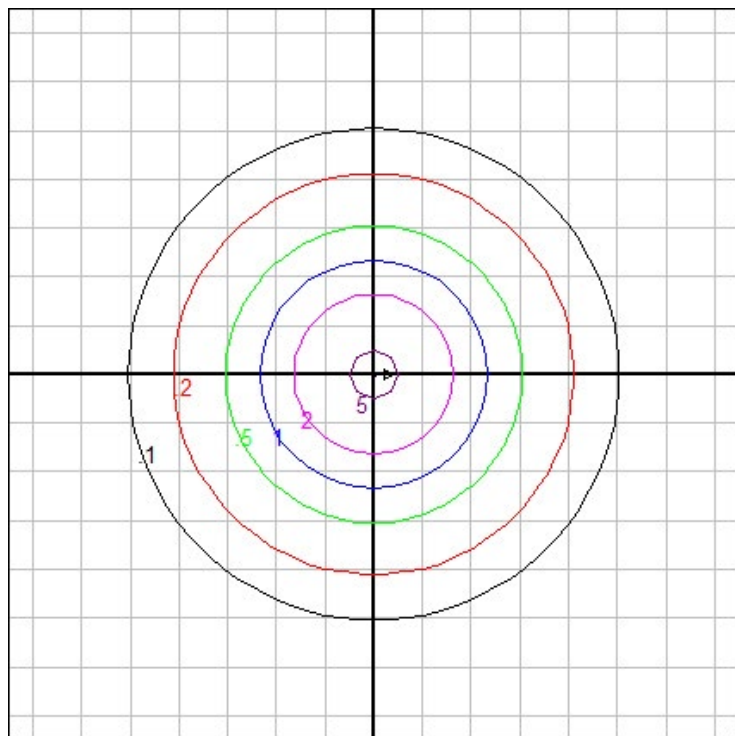


## Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2244
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	80
Total Luminaire Watts	28
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.40
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	1.51 ft (Diameter)
Luminous Height	0.29 ft

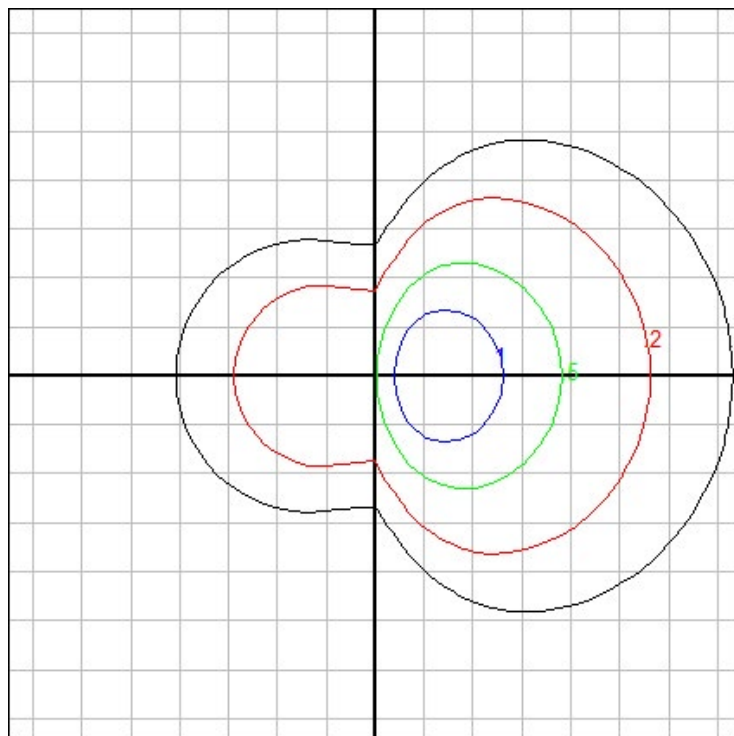
## Zonal Lumen Summary

Zone	Lumens
0-10	53.57
10-20	153.86
20-30	234.78
30-40	286.40
40-50	302.65
50-60	281.59
60-70	226.14
70-80	147.07
80-90	73.44
90-100	51.73
100-110	57.85
110-120	66.32
120-130	72.66
130-140	73.41
140-150	67.26
150-160	54.33
160-170	33.13
170-180	8.18



Mounting Height: 10 ft.

Grid Spacing: 5 ft.



Mounting Height: 10 ft.

Grid Spacing: 5 ft.

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

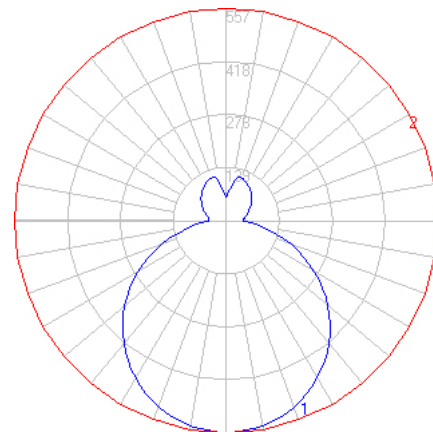
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# BEGA

File: 12161K3\_BEGA\_IES.ies

TEST: BE\_12161K4  
TEST LAB: BEGA  
DATE: 12/18/2017  
LUMINAIRE: 12161K3  
LAMP: 25.2W LED

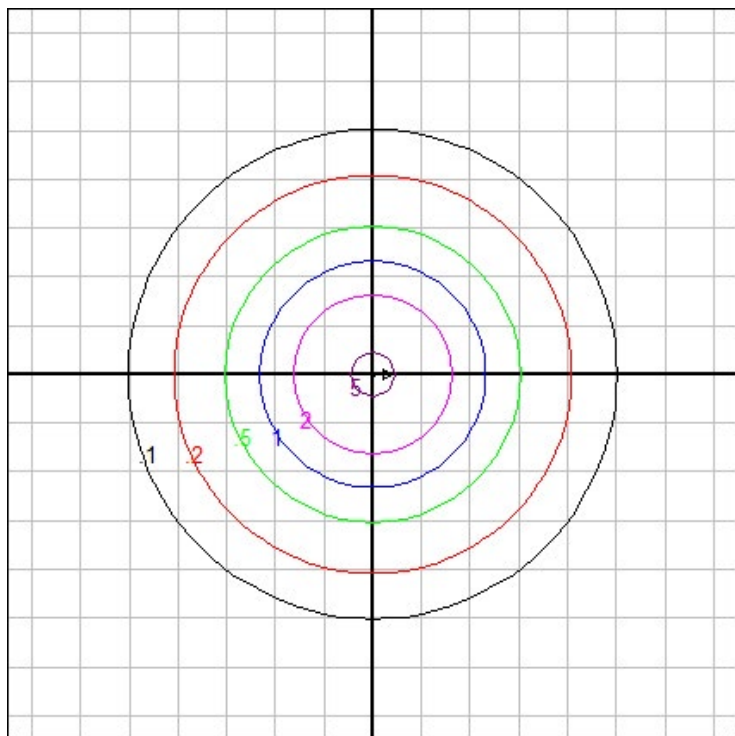


## Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2206
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	79
Total Luminaire Watts	28
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.40
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	1.51 ft (Diameter)
Luminous Height	0.29 ft

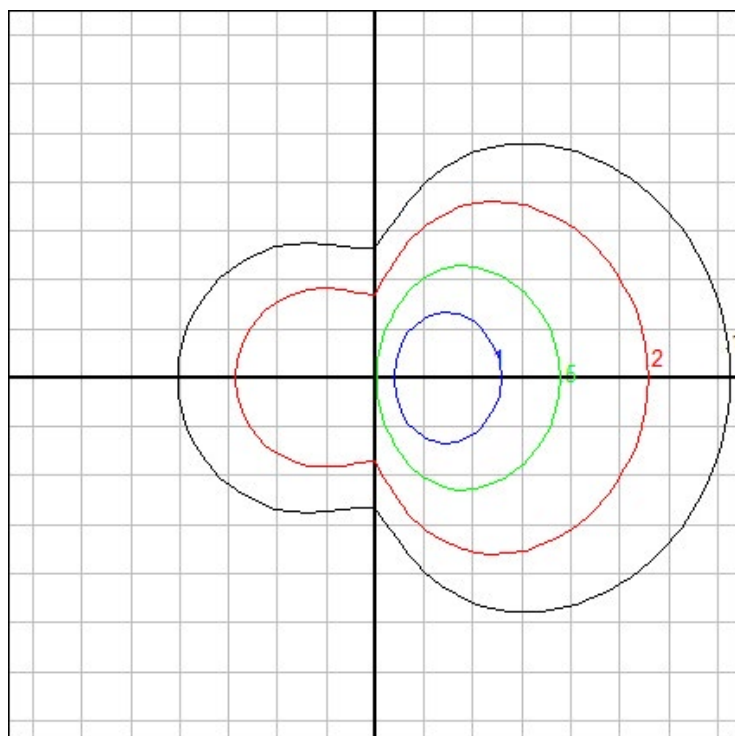
## Zonal Lumen Summary

Zone	Lumens
0-10	52.64
10-20	151.20
20-30	230.72
30-40	281.44
40-50	297.41
50-60	276.72
60-70	222.22
70-80	144.52
80-90	72.17
90-100	50.84
100-110	56.85
110-120	65.17
120-130	71.40
130-140	72.14
140-150	66.09
150-160	53.39
160-170	32.56
170-180	8.04



Mounting Height: 10 ft.

Grid Spacing: 5 ft.



Mounting Height: 10 ft.

Grid Spacing: 5 ft.

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

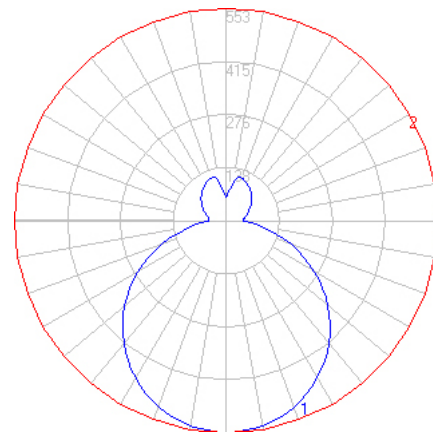
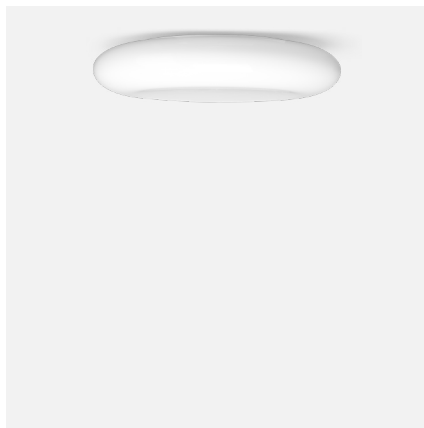
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# BEGA

File: 12161K27\_BEGA\_IES.ies

TEST: BE\_12161K4  
TEST LAB: BEGA  
DATE: 12/18/2017  
LUMINAIRE: 12161K27  
LAMP: 25.2W LED

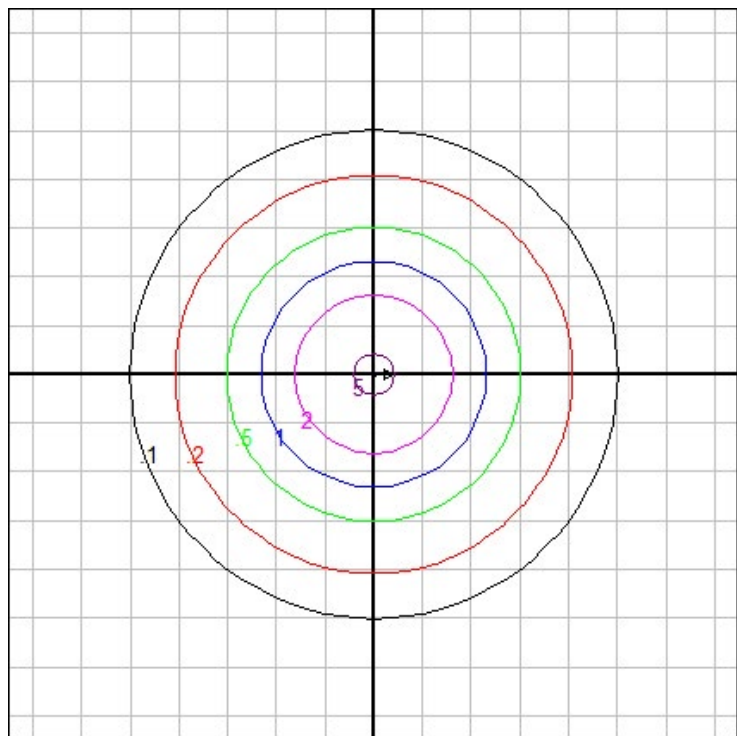


## Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2190
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	78
Total Luminaire Watts	28
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.40
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	1.51 ft (Diameter)
Luminous Height	0.29 ft

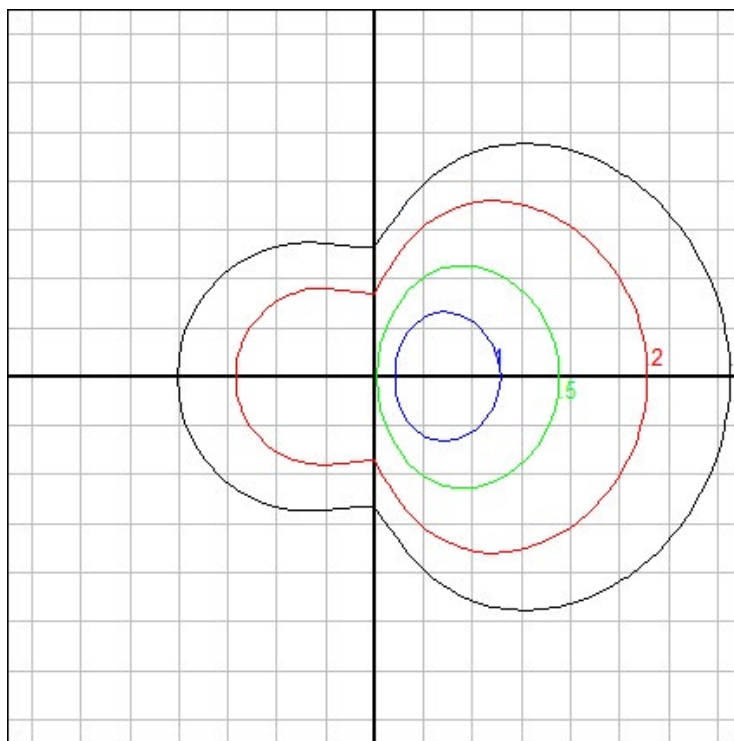
## Zonal Lumen Summary

Zone	Lumens
0-10	52.26
10-20	150.10
20-30	229.04
30-40	279.40
40-50	295.25
50-60	274.71
60-70	220.61
70-80	143.47
80-90	71.65
90-100	50.47
100-110	56.44
110-120	64.70
120-130	70.88
130-140	71.62
140-150	65.61
150-160	53.00
160-170	32.32
170-180	7.98



Mounting Height: 10 ft.

Grid Spacing: 5 ft.



Mounting Height: 10 ft.

Grid Spacing: 5 ft.

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