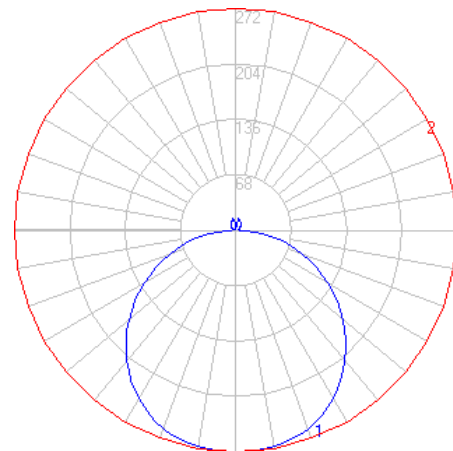


BEGA

File: 31041K4_BEGA_IES.ies

TEST: BE_31041K3
 TEST LAB: BEGA
 DATE: 08/15/2022
 LUMINAIRE: 31 041K4
 LAMP: 8.0W LED

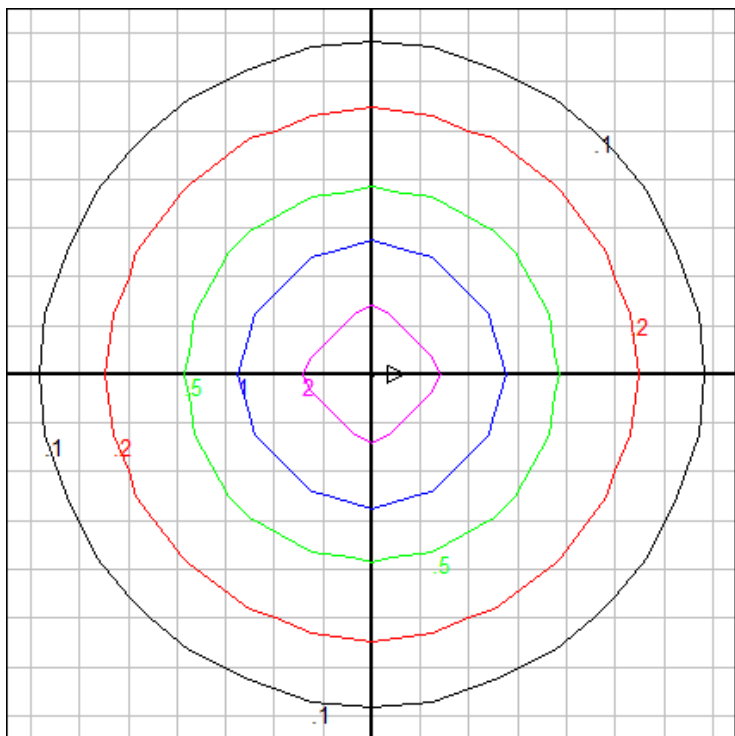


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	879
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	88
Total Luminaire Watts	10
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.30
Spacing Criterion (90-270)	1.30
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.82 ft (Diameter)
Luminous Height	0.00 ft

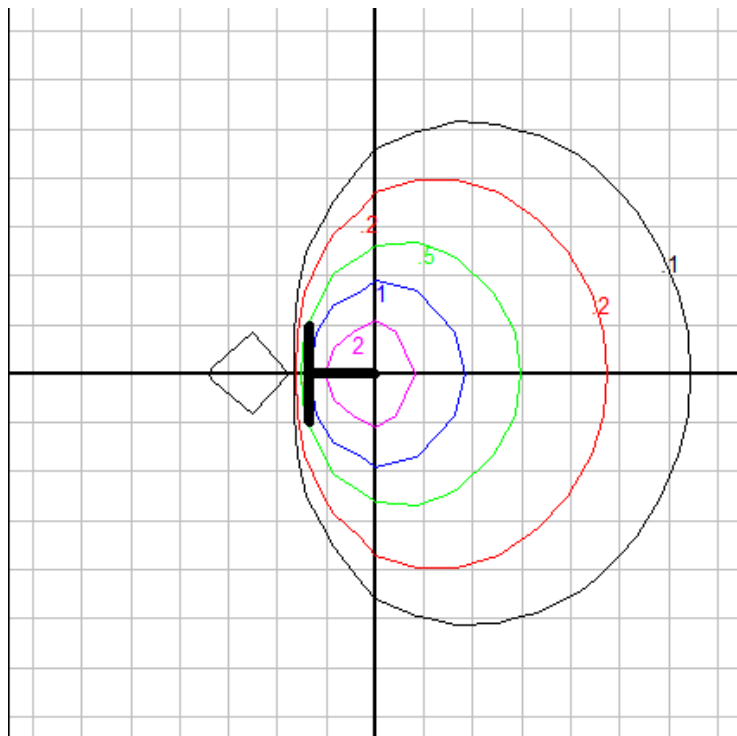
Zonal Lumen Summary

Zone	Lumens
0-10	25.83
10-20	75.01
20-30	115.18
30-40	140.24
40-50	146.99
50-60	135.12
60-70	107.51
70-80	68.83
80-90	24.74
90-100	3.96
100-110	2.64
110-120	3.91
120-130	5.77
130-140	6.81
140-150	6.57
150-160	5.63
160-170	3.86
170-180	0.68



Mounting Height: 10 ft.

Grid Spacing: 3 ft.



Mounting Height: 5 ft.

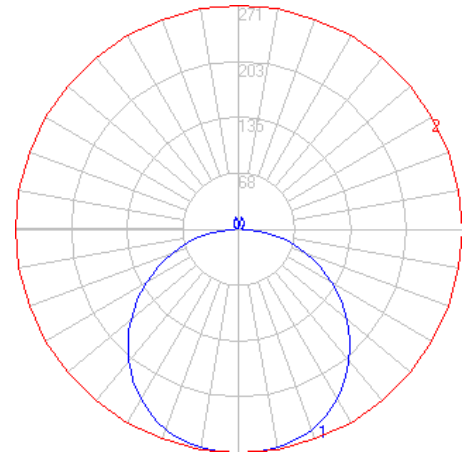
Grid Spacing: 3 ft.

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

BEGA

File: 31041K35_BEGA_IES.ies

TEST: BE_31041K3
 TEST LAB: BEGA
 DATE: 08/15/2022
 LUMINAIRE: 31 041K35
 LAMP: 8.0W LED

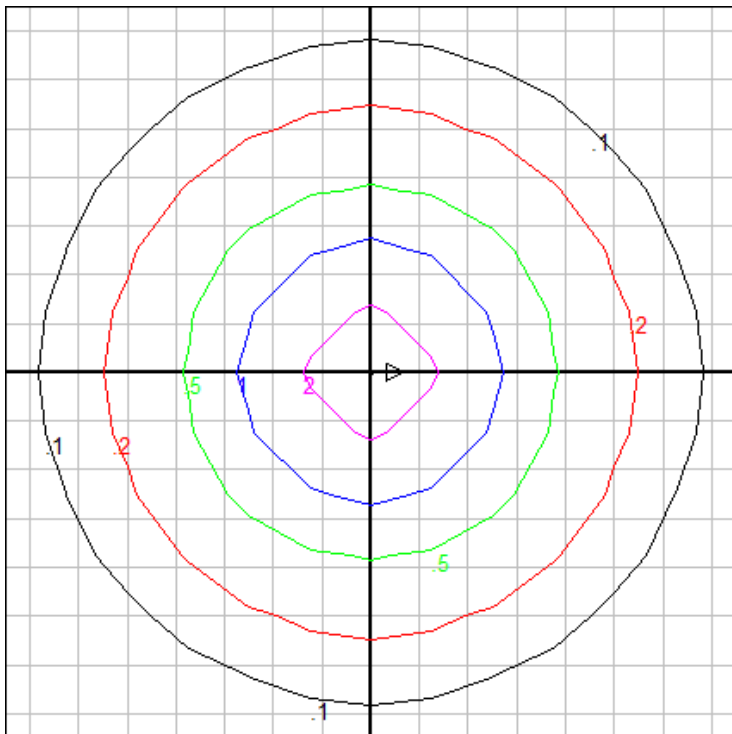


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	877
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	88
Total Luminaire Watts	10
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.30
Spacing Criterion (90-270)	1.30
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Unknown
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.00 ft
Luminous Height	0.82 ft (Diameter)

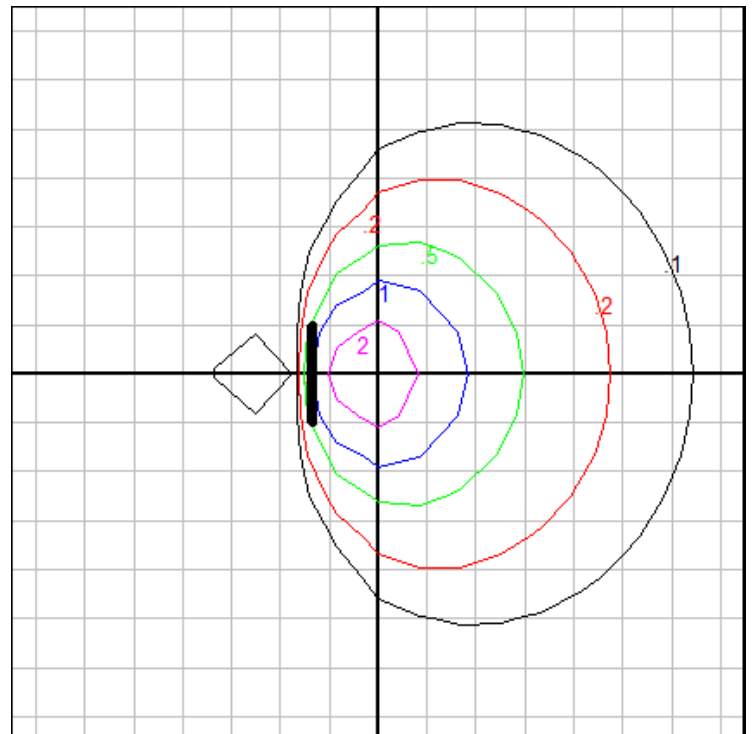
Zonal Lumen Summary

Zone	Lumens
0-10	25.76
10-20	74.78
20-30	114.84
30-40	139.83
40-50	146.55
50-60	134.72
60-70	107.19
70-80	68.63
80-90	24.67
90-100	3.94
100-110	2.64
110-120	3.90
120-130	5.75
130-140	6.79
140-150	6.55
150-160	5.61
160-170	3.85
170-180	0.68



Mounting Height: 10 ft.

Grid Spacing: 3 ft.



Mounting Height: 5 ft.

Grid Spacing: 3 ft.

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

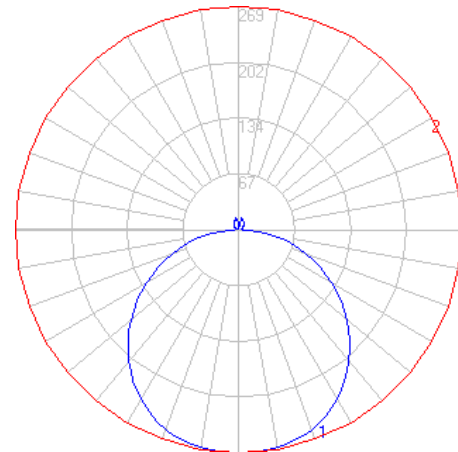
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BEGA

File: 31041K3_BEGA_IES.ies

TEST: BE_31041K3
 TEST LAB: BEGA
 DATE: 08/15/2022
 LUMINAIRE: 31 041K3
 LAMP: 8.0W LED

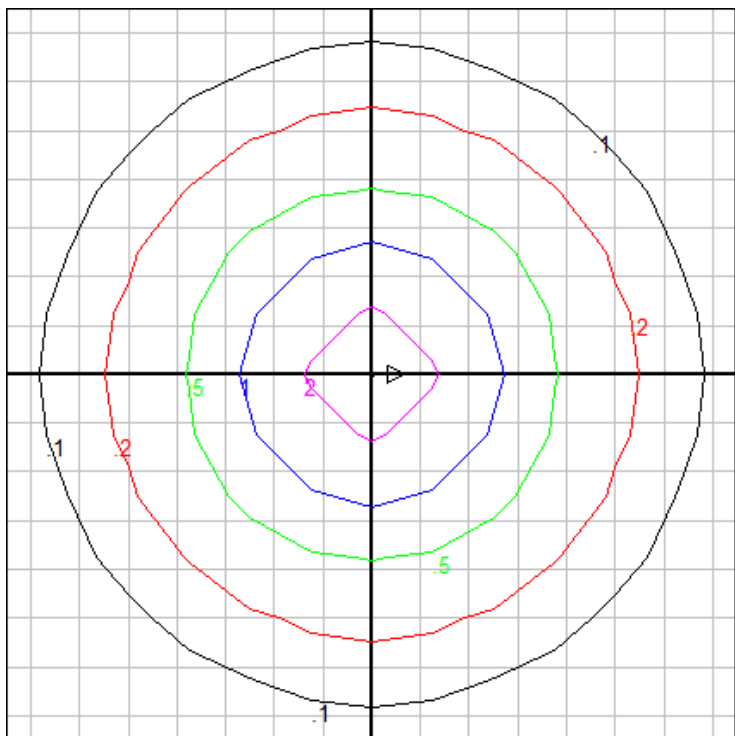


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	871
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	87
Total Luminaire Watts	10
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.30
Spacing Criterion (90-270)	1.30
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.82 ft (Diameter)
Luminous Height	0.00 ft

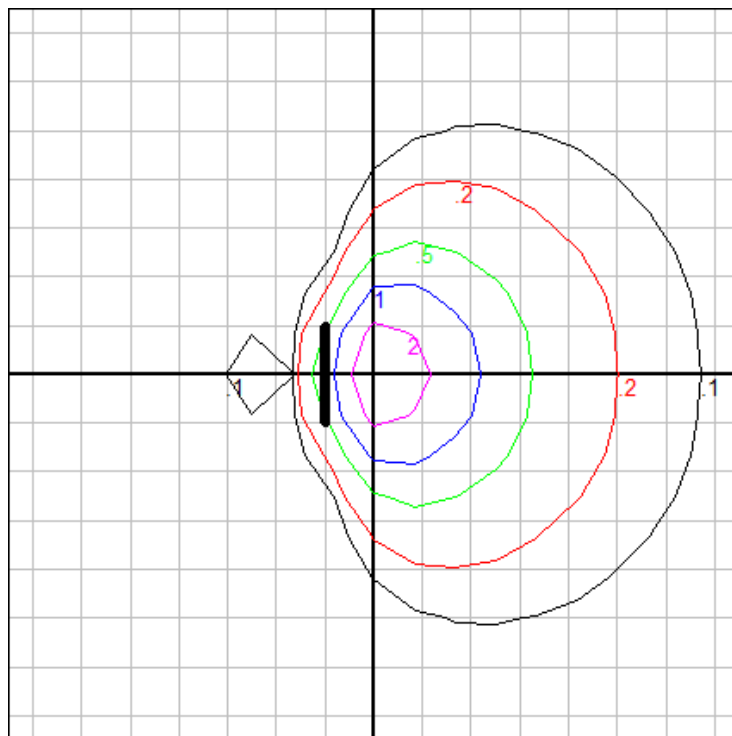
Zonal Lumen Summary

Zone	Lumens
0-10	25.58
10-20	74.26
20-30	114.04
30-40	138.85
40-50	145.53
50-60	133.79
60-70	106.45
70-80	68.15
80-90	24.50
90-100	3.92
100-110	2.62
110-120	3.87
120-130	5.71
130-140	6.74
140-150	6.50
150-160	5.57
160-170	3.82
170-180	0.68



Mounting Height: 10 ft.

Grid Spacing: 3 ft.



Mounting Height: 5 ft.

Grid Spacing: 3 ft.

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

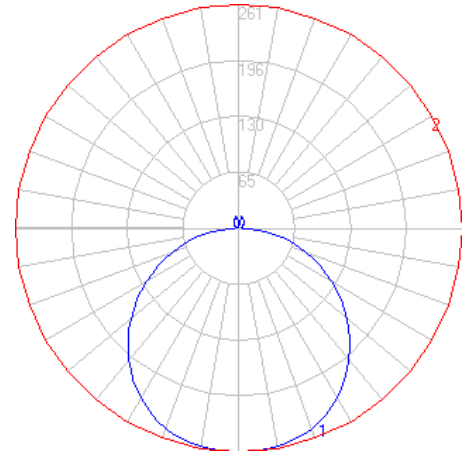
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BEGA

File: 31041K27_BEGA_IES.ies

TEST: BE_31041K3
 TEST LAB: BEGA
 DATE: 08/15/2022
 LUMINAIRE: 31 041K27
 LAMP: 8.0W LED

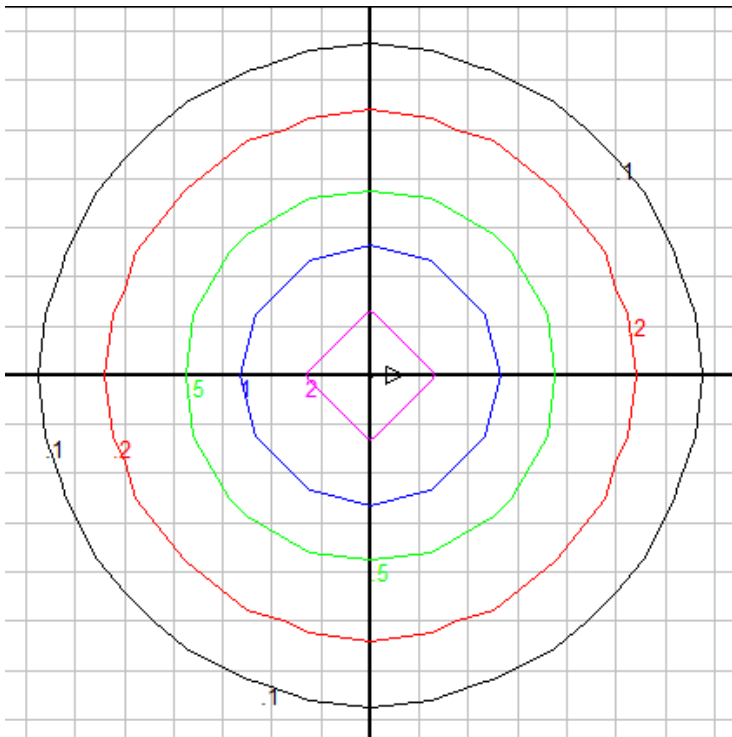


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	844
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	84
Total Luminaire Watts	10
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.30
Spacing Criterion (90-270)	1.30
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.82 ft (Diameter)
Luminous Height	0.00 ft

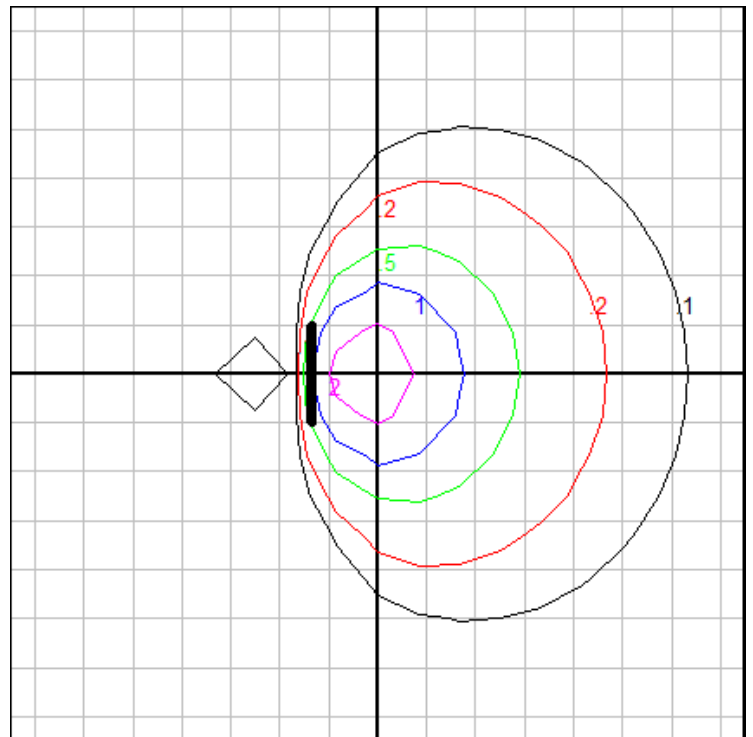
Zonal Lumen Summary

Zone	Lumens
0-10	24.81
10-20	72.03
20-30	110.62
30-40	134.69
40-50	141.16
50-60	129.77
60-70	103.26
70-80	66.10
80-90	23.76
90-100	3.80
100-110	2.54
110-120	3.75
120-130	5.54
130-140	6.54
140-150	6.31
150-160	5.41
160-170	3.71
170-180	0.65



Mounting Height: 10 ft.

Grid Spacing: 3 ft.



Mounting Height: 5 ft.

Grid Spacing: 3 ft.

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06/02/21