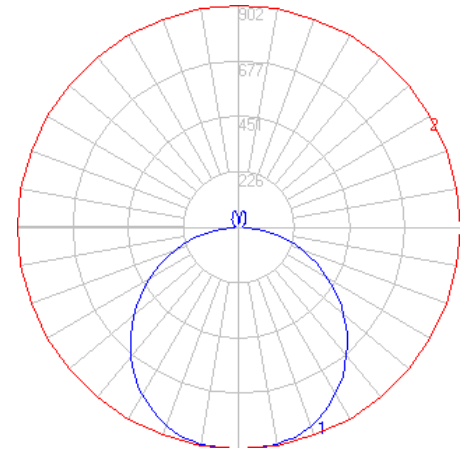


BEGA

File: 24044K4_BEGA_IES.ies

TEST: BE_24044K4
TEST LAB: BEGA
DATE: 07/29/2021
LUMINAIRE: 24 044K4
LAMP: 28.1W LED

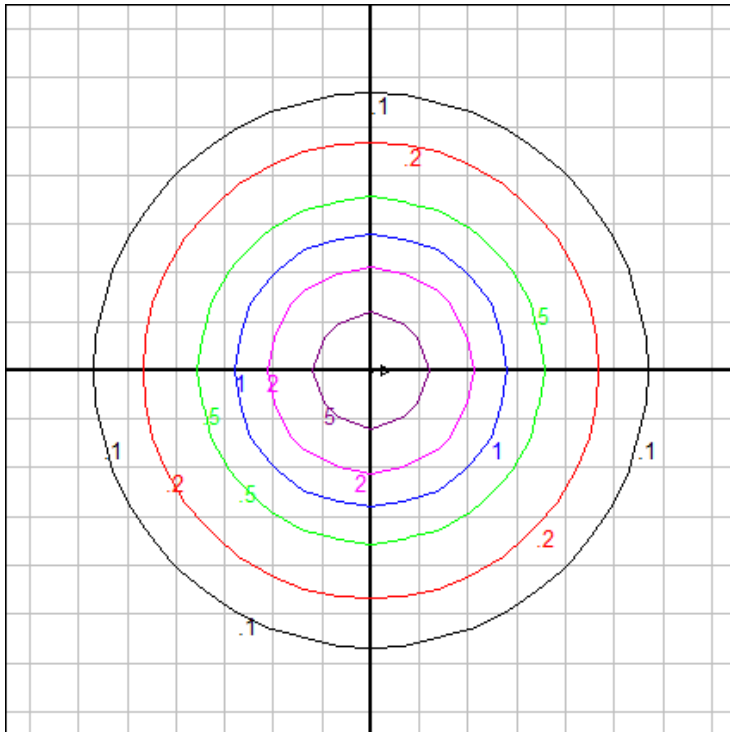


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2940
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	89
Total Luminaire Watts	33
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.30
Spacing Criterion (90-270)	1.30
Spacing Criterion (Diagonal)	1.40
Basic Luminous Shape	Unknown
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.00 ft
Luminous Height	1.18 ft (Diameter)

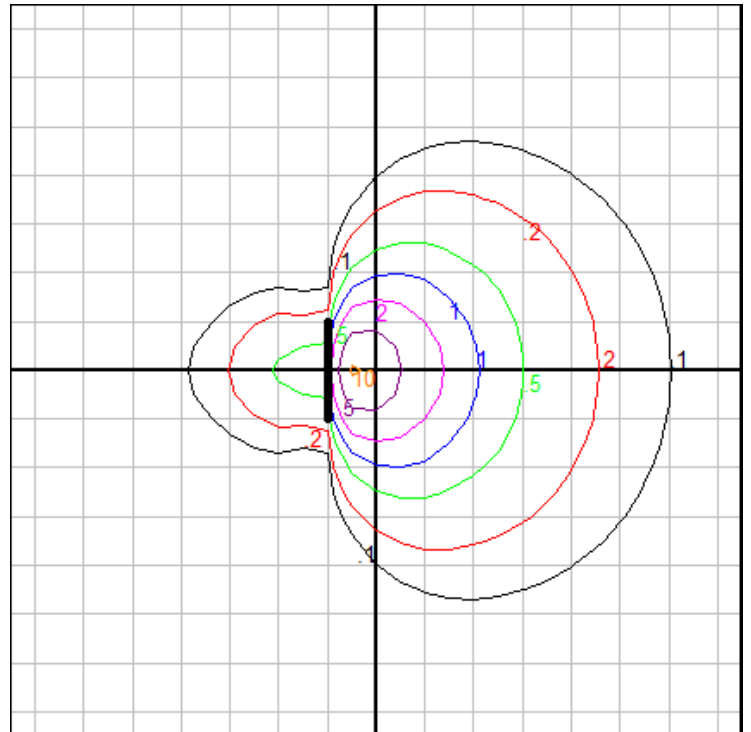
Zonal Lumen Summary

Zone	Lumens
0-10	85.95
10-20	249.65
20-30	381.57
30-40	461.70
40-50	480.93
50-60	439.53
60-70	346.32
70-80	217.98
80-90	76.16
90-100	18.03
100-110	19.27
110-120	23.63
120-130	27.98
130-140	30.14
140-150	29.82
150-160	27.42
160-170	19.27
170-180	4.35



Mounting Height: 10 ft.

Grid Spacing: 5 ft.



Mounting Height: 5 ft.

Grid Spacing: 5 ft.

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

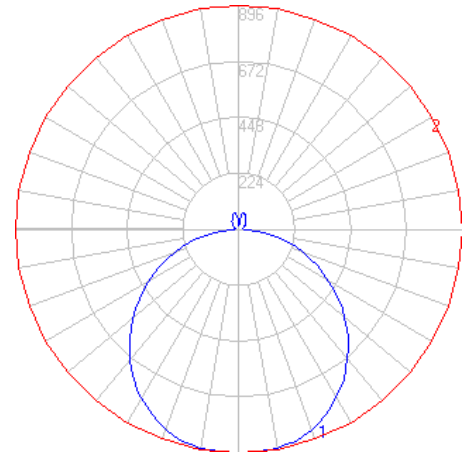
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BEGA

File: 24044K35_BEGA_IES.ies

TEST: BE_24044K4
TEST LAB: BEGA
DATE: 07/29/2021
LUMINAIRE: 24 044K35
LAMP: 28.1W LED

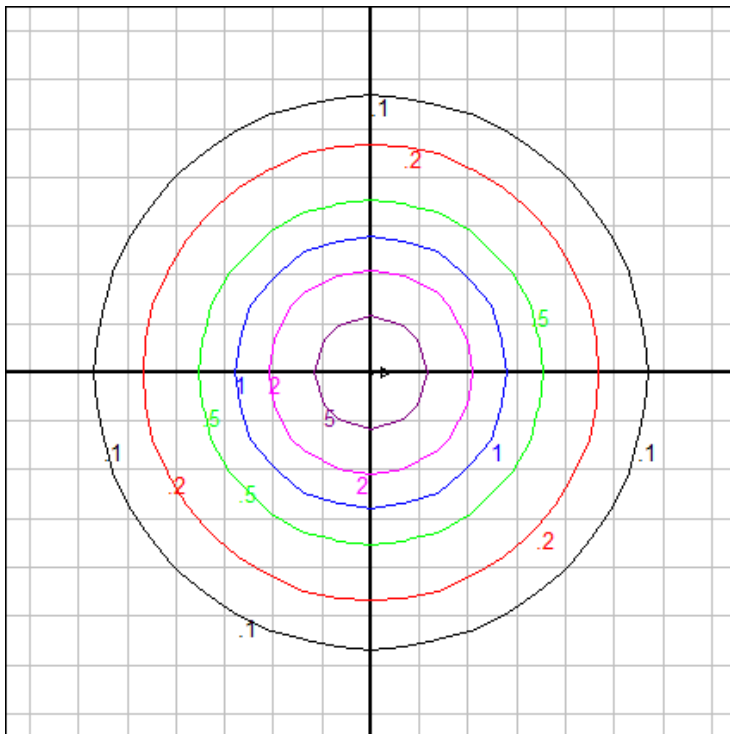


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2919
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	88
Total Luminaire Watts	33
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.30
Spacing Criterion (90-270)	1.30
Spacing Criterion (Diagonal)	1.40
Basic Luminous Shape	Unknown
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.00 ft
Luminous Height	1.18 ft (Diameter)

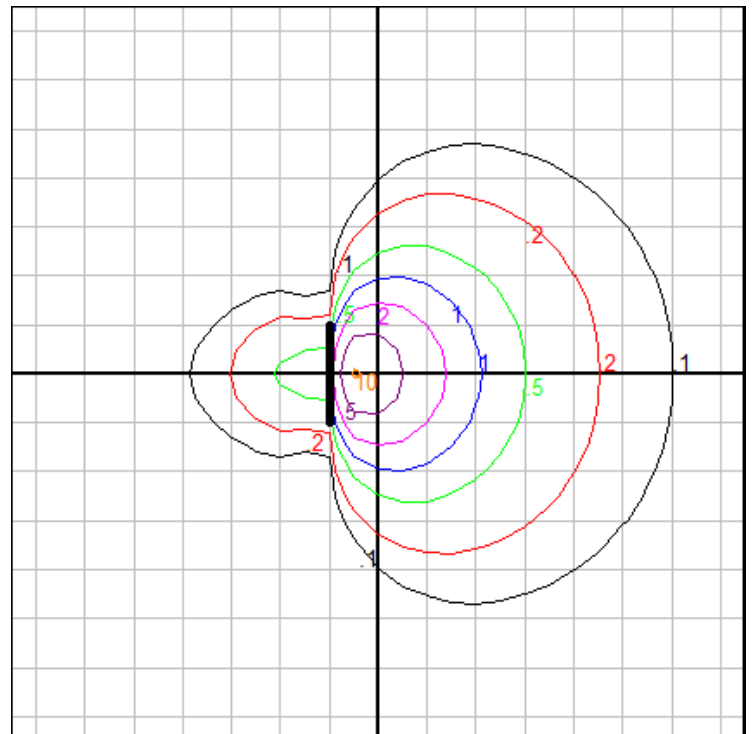
Zonal Lumen Summary

Zone	Lumens
0-10	85.35
10-20	247.90
20-30	378.90
30-40	458.47
40-50	477.57
50-60	436.45
60-70	343.90
70-80	216.45
80-90	75.62
90-100	17.90
100-110	19.13
110-120	23.46
120-130	27.79
130-140	29.93
140-150	29.61
150-160	27.22
160-170	19.13
170-180	4.32



Mounting Height: 10 ft.

Grid Spacing: 5 ft.



Mounting Height: 5 ft.

Grid Spacing: 5 ft.

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

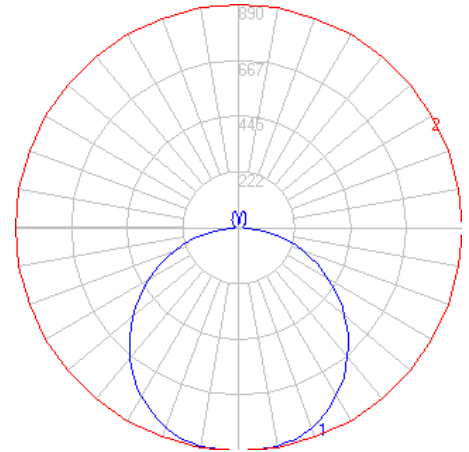
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File: 24044K3_BEGA_IES.ies

TEST: BE_24044K4
 TEST LAB: BEGA
 DATE: 07/29/2021
 LUMINAIRE: 24 044K3
 LAMP: 28.1W LED

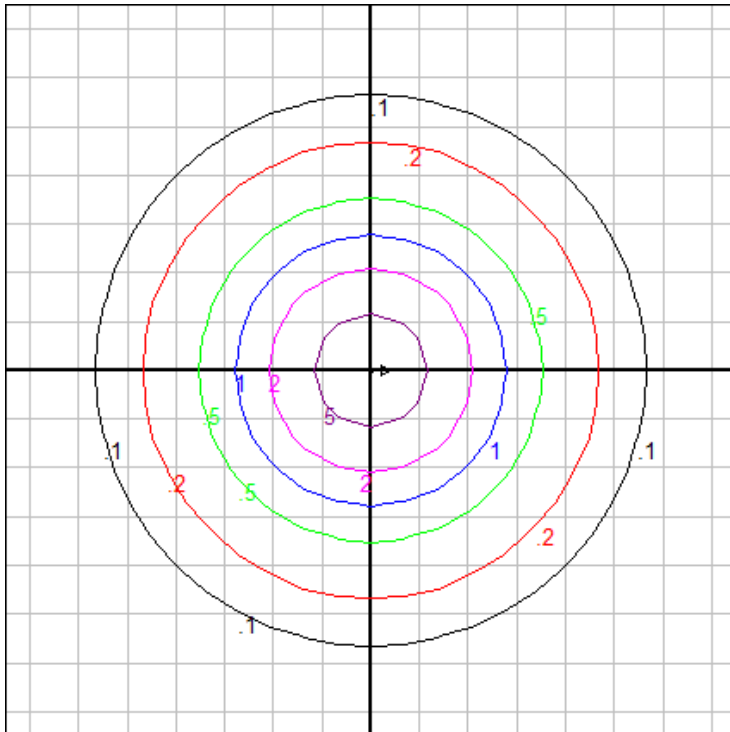


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2899
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	88
Total Luminaire Watts	33
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.30
Spacing Criterion (90-270)	1.30
Spacing Criterion (Diagonal)	1.40
Basic Luminous Shape	Point
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.00 ft
Luminous Height	0.00 ft

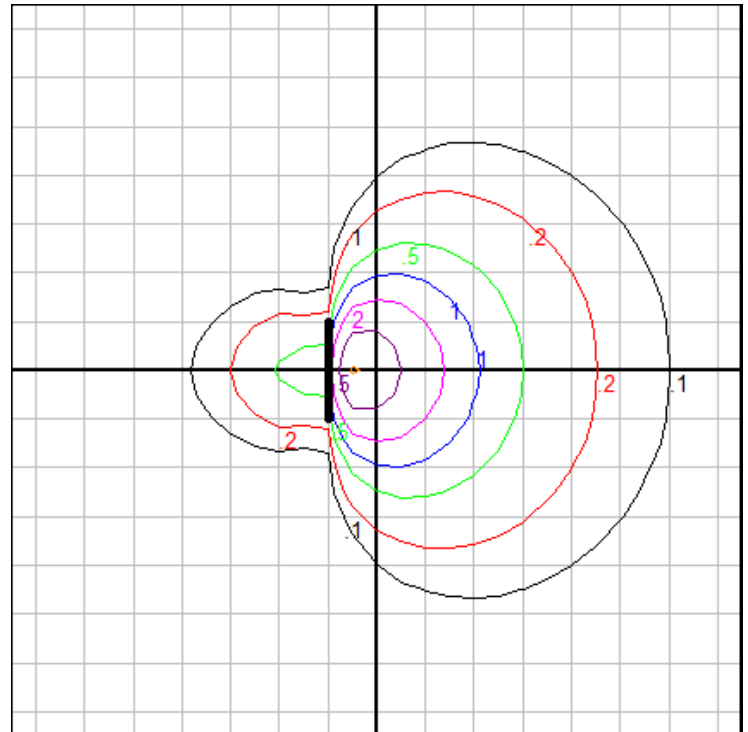
Zonal Lumen Summary

Zone	Lumens
0-10	84.75
10-20	246.16
20-30	376.23
30-40	455.24
40-50	474.20
50-60	433.37
60-70	341.47
70-80	214.92
80-90	75.09
90-100	17.78
100-110	19.00
110-120	23.30
120-130	27.59
130-140	29.72
140-150	29.40
150-160	27.03
160-170	19.00
170-180	4.29



Mounting Height: 10 ft.

Grid Spacing: 5 ft.



Mounting Height: 5 ft.

Grid Spacing: 5 ft.

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

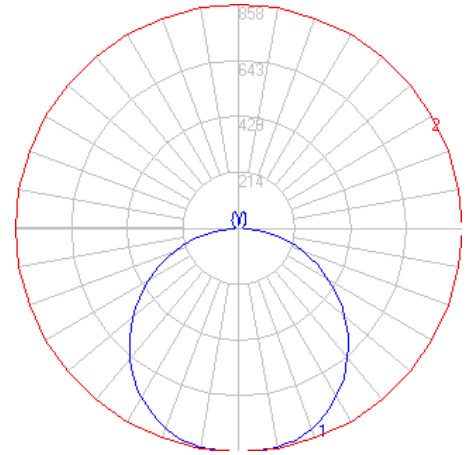
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BEGA

File: 24044K27_BEGA_IES.ies

TEST: BE_24044K4
TEST LAB: BEGA
DATE: 07/29/2021
LUMINAIRE: 24 044K27
LAMP: 28.1W LED

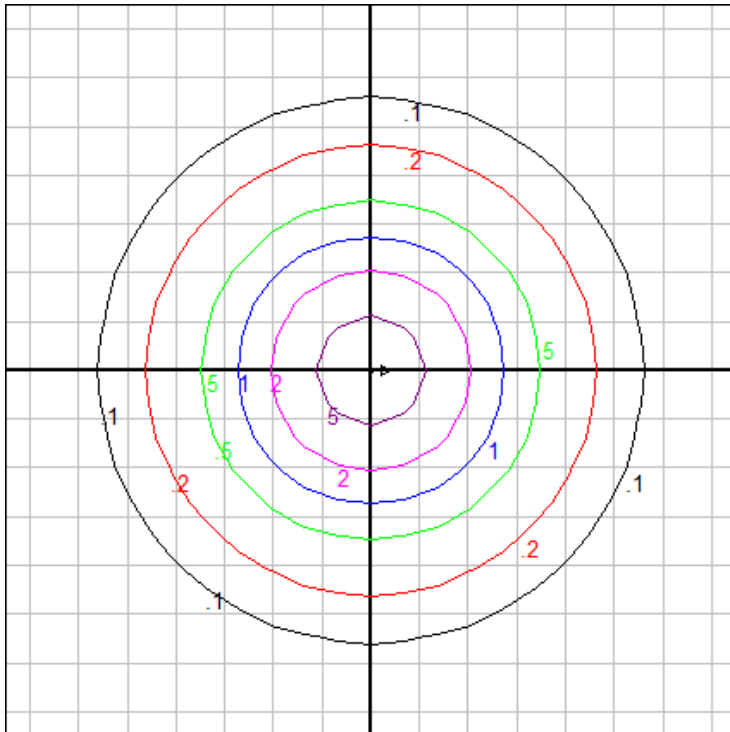


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2796
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	85
Total Luminaire Watts	33
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.30
Spacing Criterion (90-270)	1.30
Spacing Criterion (Diagonal)	1.40
Basic Luminous Shape	Unknown
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.00 ft
Luminous Height	1.18 ft (Diameter)

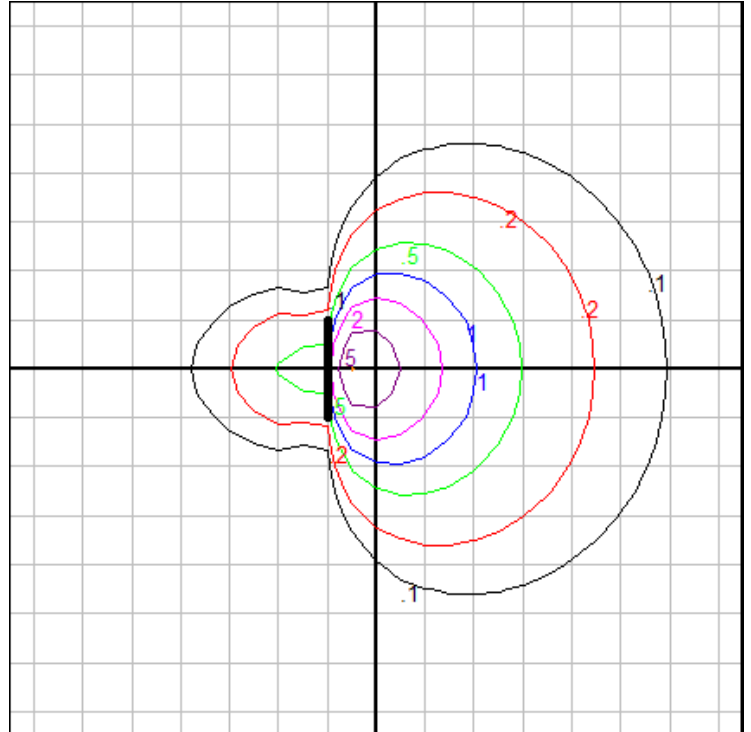
Zonal Lumen Summary

Zone	Lumens
0-10	81.74
10-20	237.42
20-30	362.87
30-40	439.08
40-50	457.37
50-60	417.99
60-70	329.35
70-80	207.29
80-90	72.43
90-100	17.15
100-110	18.32
110-120	22.47
120-130	26.61
130-140	28.66
140-150	28.36
150-160	26.07
160-170	18.32
170-180	4.14



Mounting Height: 10 ft.

Grid Spacing: 5 ft.



Mounting Height: 5 ft.

Grid Spacing: 5 ft.

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