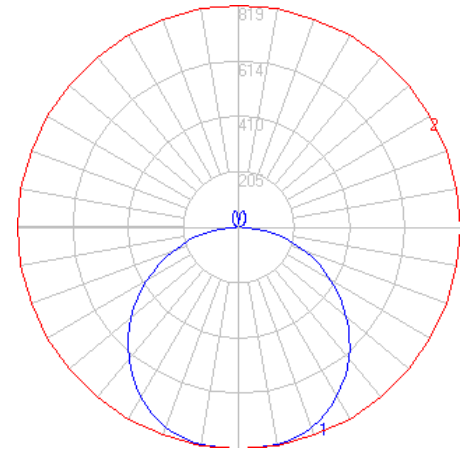


BEGA

File: 31043K4_BEGA_IES.ies

TEST: BE_31043K3
TEST LAB: BEGA
DATE: 08/24/2021
LUMINAIRE: 31 043K4
LAMP: 28.1W LED

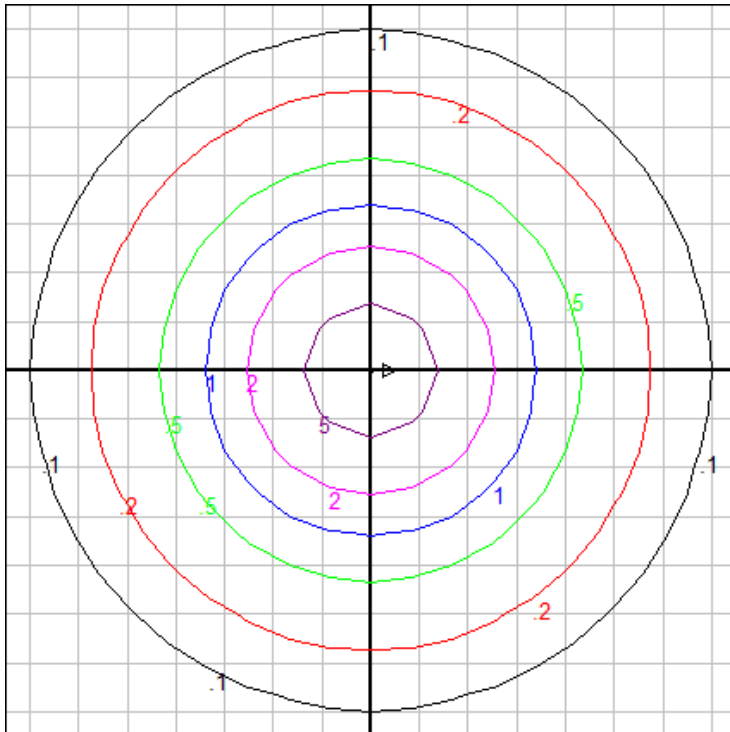


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2685
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	81
Total Luminaire Watts	33
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.32
Spacing Criterion (90-270)	1.32
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	1.18 ft (Diameter)
Luminous Height	0.00 ft

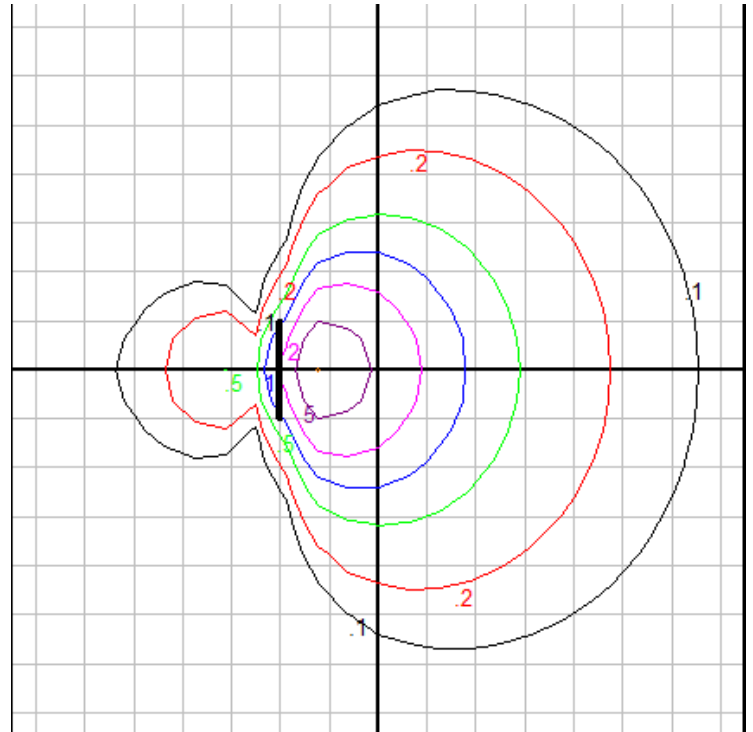
Zonal Lumen Summary

Zone	Lumens
0-10	78.09
10-20	227.64
20-30	350.46
30-40	426.77
40-50	446.63
50-60	409.55
60-70	323.87
70-80	204.43
80-90	70.34
90-100	8.18
100-110	7.05
110-120	13.99
120-130	21.33
130-140	25.71
140-150	26.43
150-160	24.03
160-170	16.78
170-180	3.70



Mounting Height: 10 ft.

Grid Spacing: 4 ft.



Mounting Height: 5 ft.

Grid Spacing: 4 ft.

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

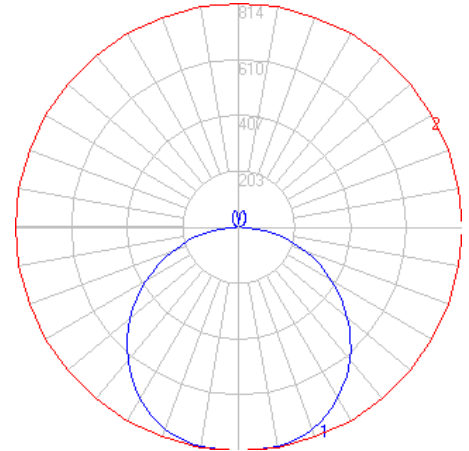
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BEGA

File: 31043K35_BEGA_IES.ies

TEST: BE_31043K3
TEST LAB: BEGA
DATE: 08/24/2021
LUMINAIRE: 31 043K35
LAMP: 28.1W LED

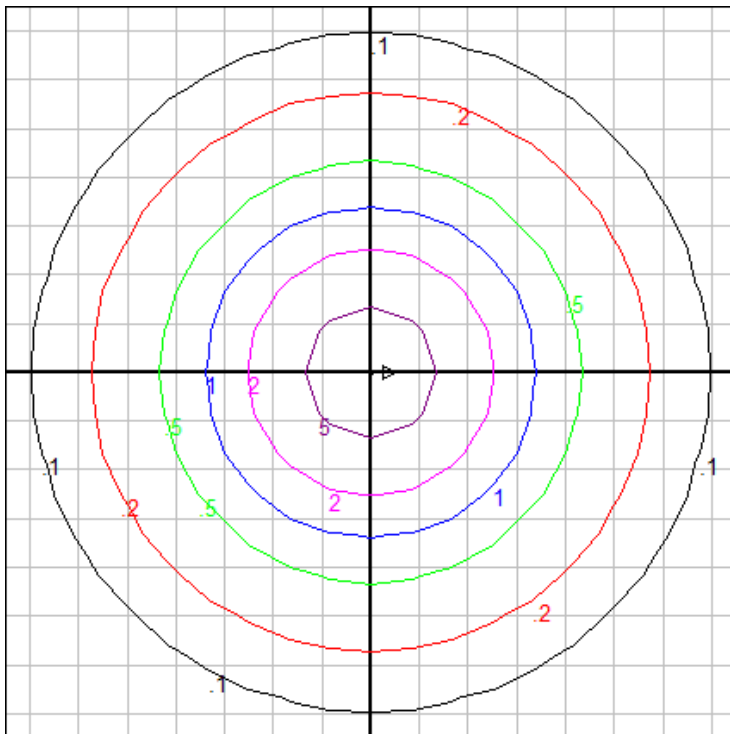


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2666
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	81
Total Luminaire Watts	33
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.32
Spacing Criterion (90-270)	1.32
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	1.18 ft (Diameter)
Luminous Height	0.00 ft

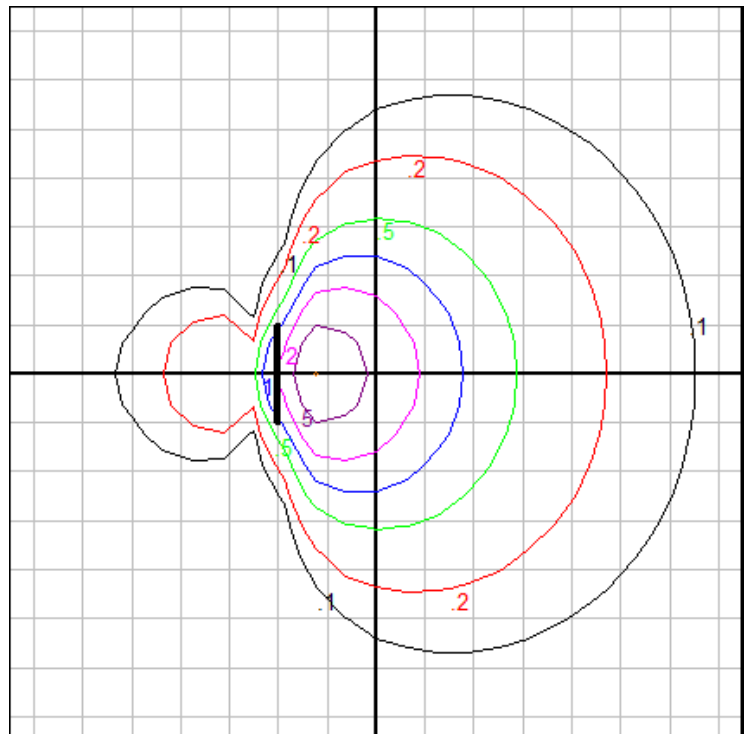
Zonal Lumen Summary

Zone	Lumens
0-10	77.55
10-20	226.07
20-30	348.04
30-40	423.82
40-50	443.55
50-60	406.72
60-70	321.64
70-80	203.02
80-90	69.86
90-100	8.12
100-110	7.00
110-120	13.89
120-130	21.18
130-140	25.53
140-150	26.25
150-160	23.86
160-170	16.67
170-180	3.67



Mounting Height: 10 ft.

Grid Spacing: 4 ft.



Mounting Height: 5 ft.

Grid Spacing: 4 ft.

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

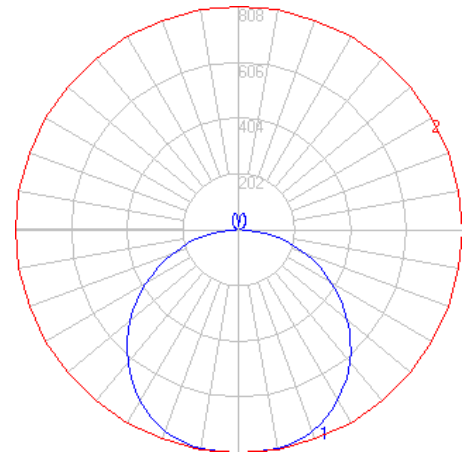
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BEGA

File: 31043K3_BEGA_IES.ies

TEST: BE_31043K3
TEST LAB: BEGA
DATE: 08/24/2021
LUMINAIRE: 31 043K3
LAMP: 28.1W LED

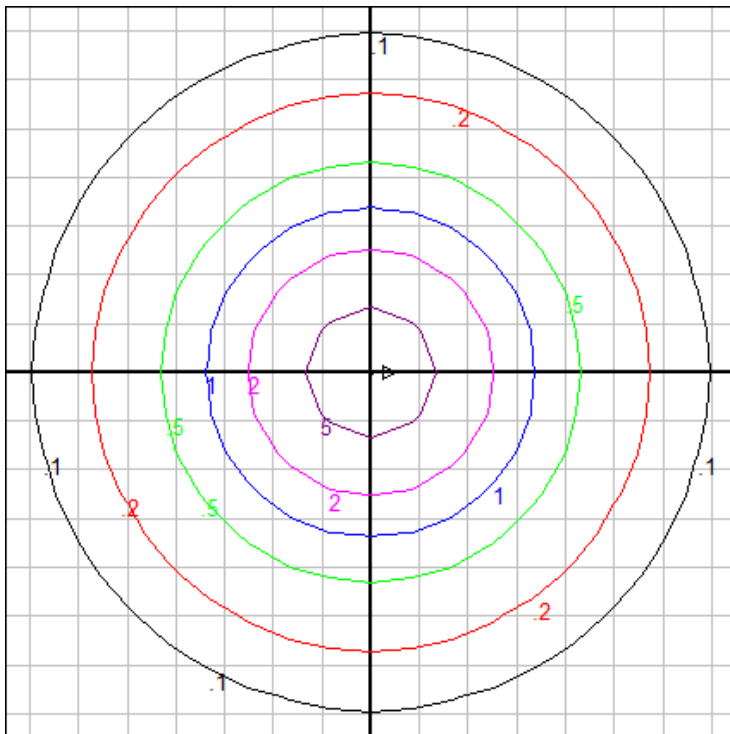


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2648
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	80
Total Luminaire Watts	33
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.32
Spacing Criterion (90-270)	1.32
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	1.18 ft (Diameter)
Luminous Height	0.00 ft

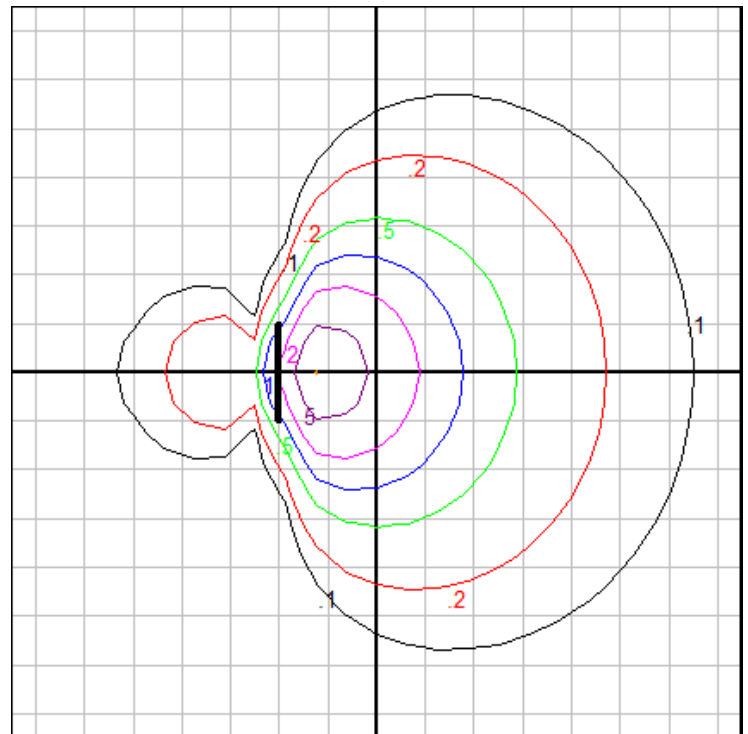
Zonal Lumen Summary

Zone	Lumens
0-10	77.01
10-20	224.49
20-30	345.62
30-40	420.87
40-50	440.47
50-60	403.90
60-70	319.40
70-80	201.61
80-90	69.37
90-100	8.07
100-110	6.96
110-120	13.80
120-130	21.04
130-140	25.35
140-150	26.07
150-160	23.69
160-170	16.55
170-180	3.65



Mounting Height: 10 ft.

Grid Spacing: 4 ft.



Mounting Height: 5 ft.

Grid Spacing: 4 ft.

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

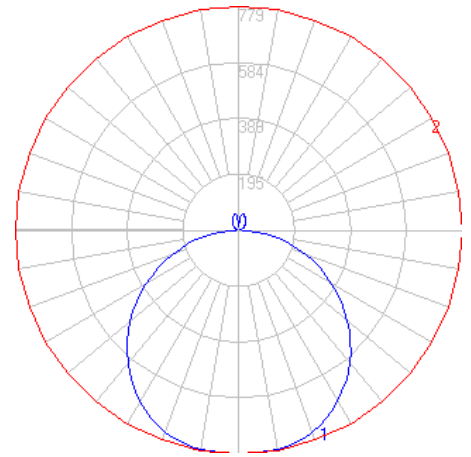
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BEGA

File: 31043K27_BEGA_IES.ies

TEST: BE_31043K3
TEST LAB: BEGA
DATE: 08/24/2021
LUMINAIRE: 31 043K27
LAMP: 28.1W LED

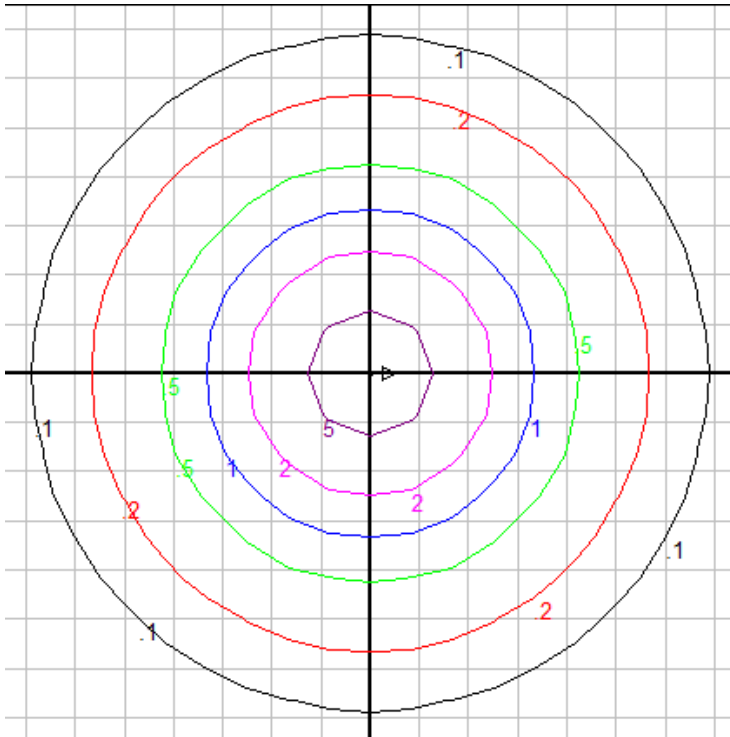


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2553
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	77
Total Luminaire Watts	33
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.32
Spacing Criterion (90-270)	1.32
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	1.18 ft (Diameter)
Luminous Height	0.00 ft

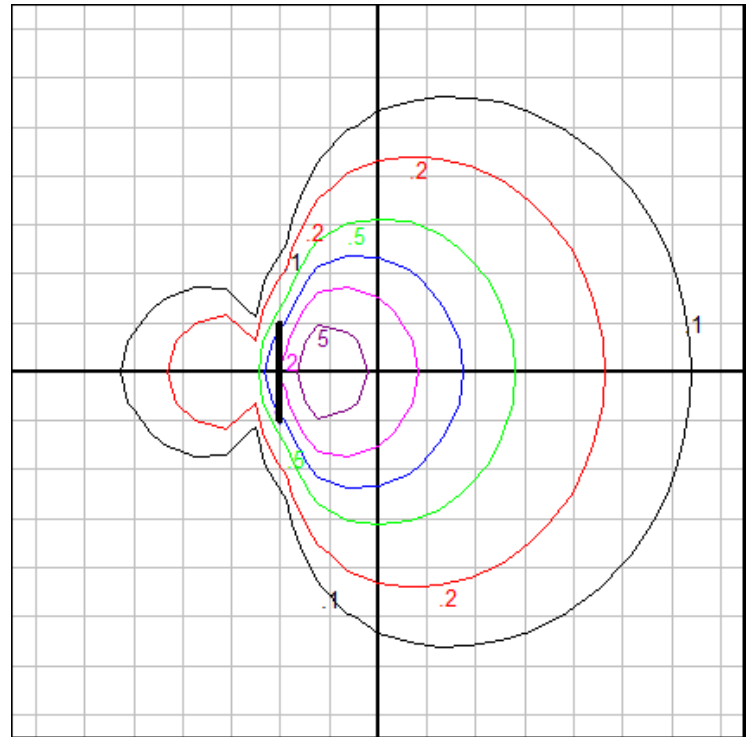
Zonal Lumen Summary

Zone	Lumens
0-10	74.23
10-20	216.41
20-30	333.18
30-40	405.72
40-50	424.61
50-60	389.36
60-70	307.90
70-80	194.35
80-90	66.87
90-100	7.78
100-110	6.71
110-120	13.30
120-130	20.28
130-140	24.44
140-150	25.13
150-160	22.84
160-170	15.95
170-180	3.52



Mounting Height: 10 ft.

Grid Spacing: 4 ft.



Mounting Height: 5 ft.

Grid Spacing: 4 ft.

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