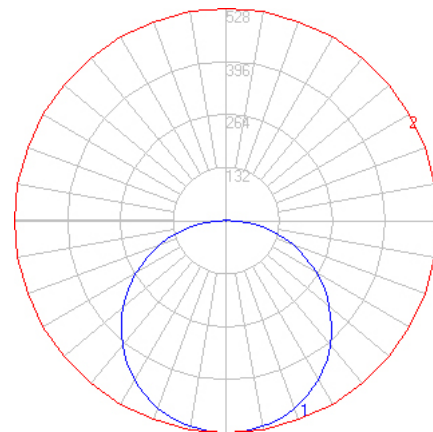


BEGA

File: 50524K4_BEGA_IES.ies

TEST: BE_50524K4
TEST LAB: BEGA
DATE: 07/12/2018
LUMINAIRE: 50 524K4
LAMP: 17.8W LED

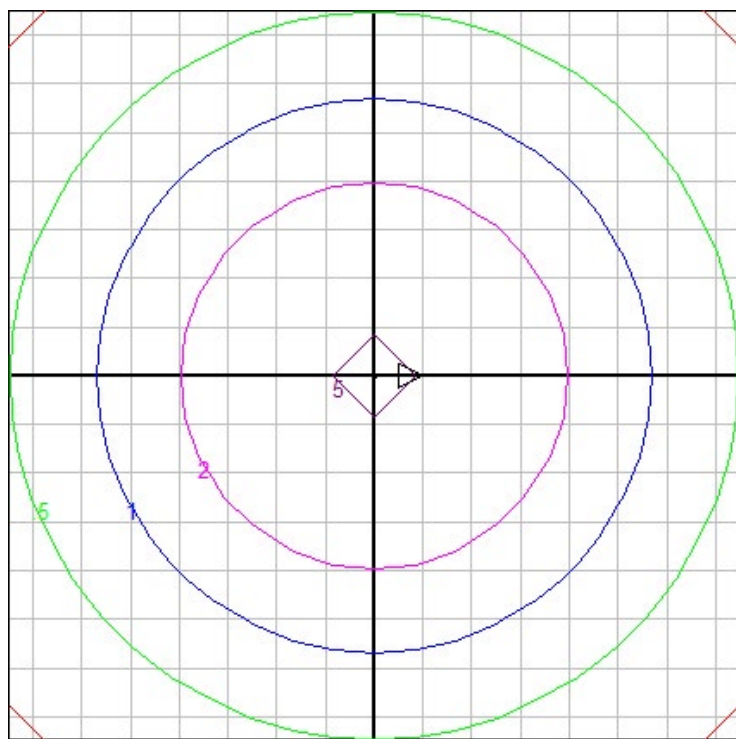


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1651
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	72
Total Luminaire Watts	23
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 w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.67 ft (Diameter)
Luminous Height	0.02 ft

Zonal Lumen Summary

Zone	Lumens
0-10	50.03
10-20	144.30
20-30	221.06
30-40	270.36
40-50	285.86
50-60	266.24
60-70	215.09
70-80	139.99
80-90	53.26
90-100	5.18
100-110	0.07
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	0.02



Mounting Height: 10 ft.

Grid Spacing: 2 ft.

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

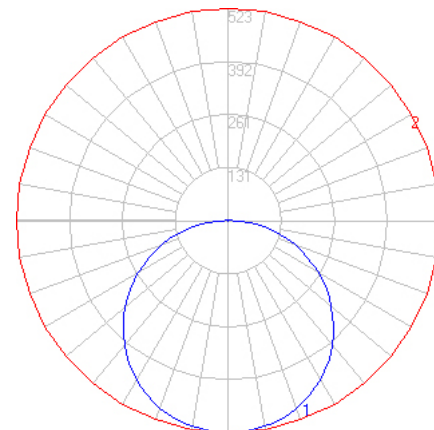
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BEGA

File: 50524K35_BEGA_IES.ies

TEST: BE_50524K4
TEST LAB: BEGA
DATE: 07/12/2018
LUMINAIRE: 50 524K35
LAMP: 17.8W LED

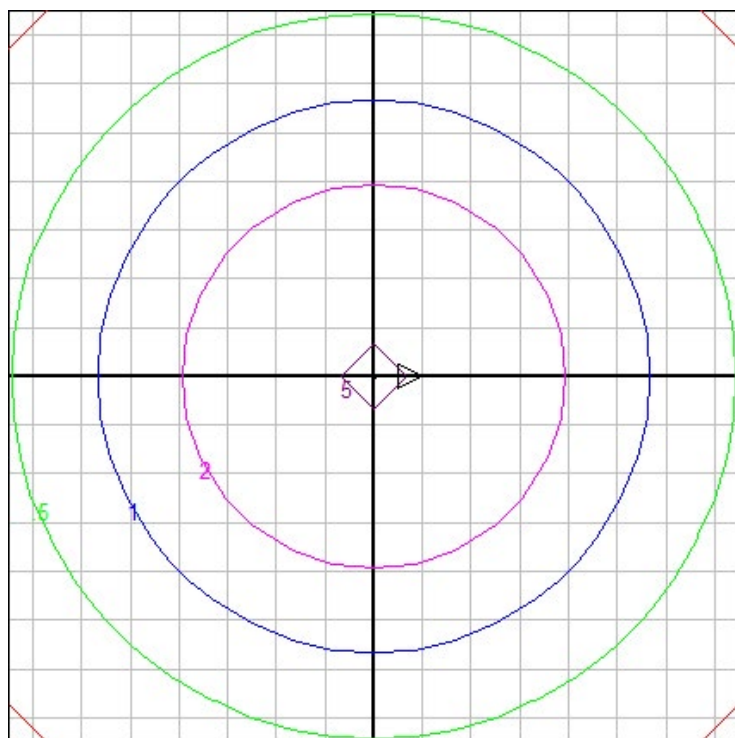


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1635
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	71
Total Luminaire Watts	23
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 w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.67 ft (Diameter)
Luminous Height	0.02 ft

Zonal Lumen Summary

Zone	Lumens
0-10	49.53
10-20	142.86
20-30	218.85
30-40	267.66
40-50	283.00
50-60	263.57
60-70	212.94
70-80	138.59
80-90	52.73
90-100	5.13
100-110	0.07
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	0.02



Mounting Height: 10 ft.

Grid Spacing: 2 ft.

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

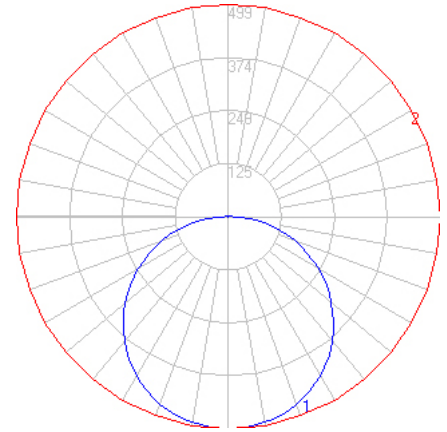
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BEGA

File: 50524K3_BEGA_IES.ies

TEST: BE_50524K4
TEST LAB: BEGA
DATE: 07/12/2018
LUMINAIRE: 50 524K3
LAMP: 17.8W LED

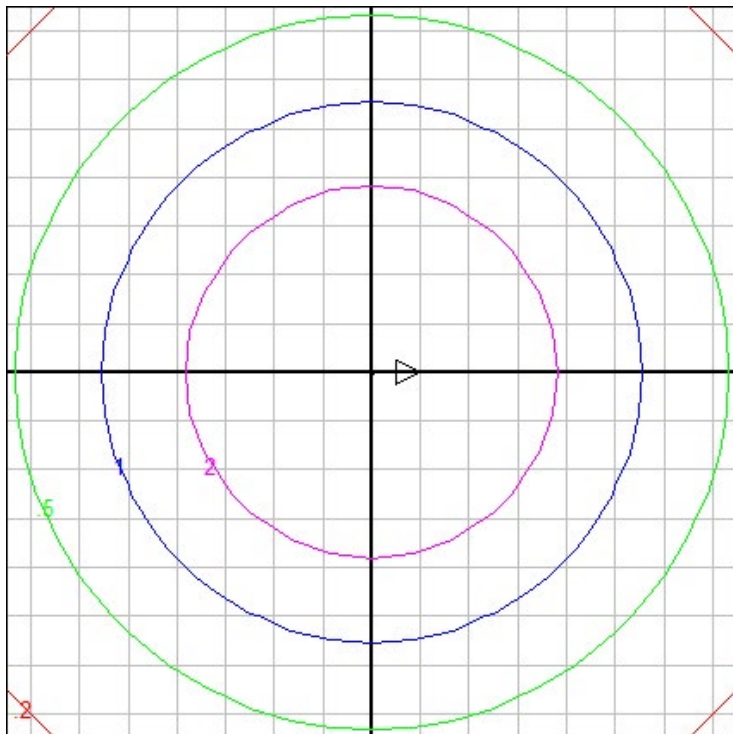


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1561
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	68
Total Luminaire Watts	23
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 w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.67 ft (Diameter)
Luminous Height	0.02 ft

Zonal Lumen Summary

Zone	Lumens
0-10	47.28
10-20	136.37
20-30	208.90
30-40	255.49
40-50	270.14
50-60	251.59
60-70	203.26
70-80	132.29
80-90	50.33
90-100	4.90
100-110	0.06
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	0.02



Mounting Height: 10 ft.

Grid Spacing: 2 ft.

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

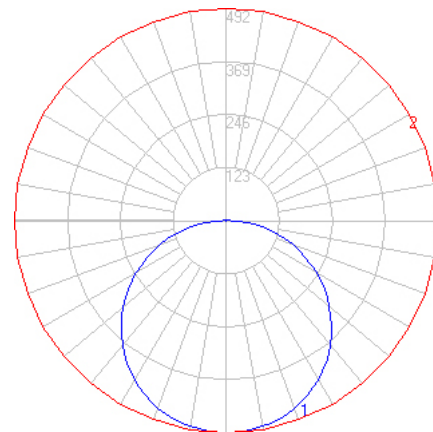
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BEGA

File: 50524K27_BEGA_IES.ies

TEST: BE_50524K4
TEST LAB: BEGA
DATE: 07/12/2018
LUMINAIRE: 50 524K27
LAMP: 17.8W LED

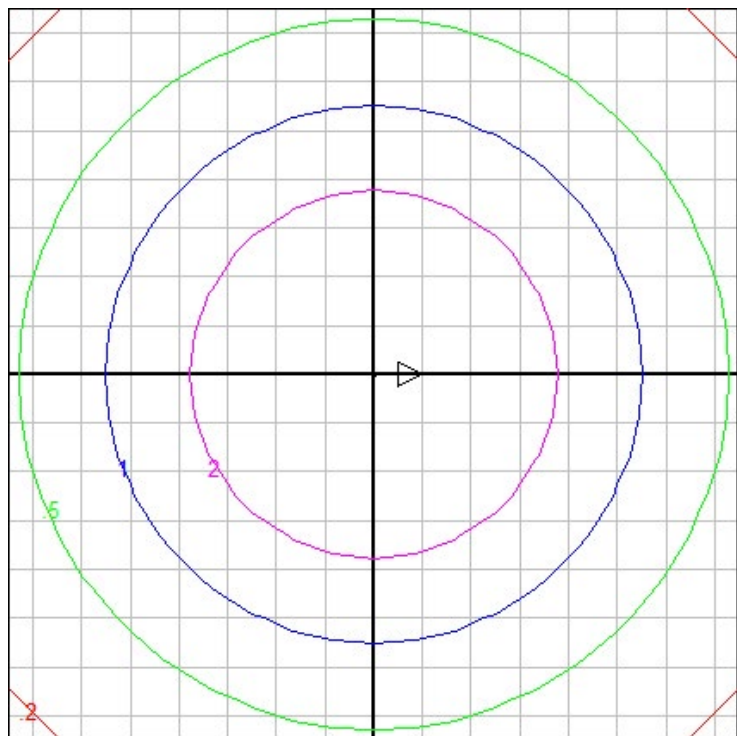


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1539
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	67
Total Luminaire Watts	23
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 w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.67 ft (Diameter)
Luminous Height	0.02 ft

Zonal Lumen Summary

Zone	Lumens
0-10	46.63
10-20	134.49
20-30	206.03
30-40	251.98
40-50	266.42
50-60	248.13
60-70	200.47
70-80	130.47
80-90	49.64
90-100	4.83
100-110	0.06
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	0.02



Mounting Height: 10 ft.

Grid Spacing: 2 ft.

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