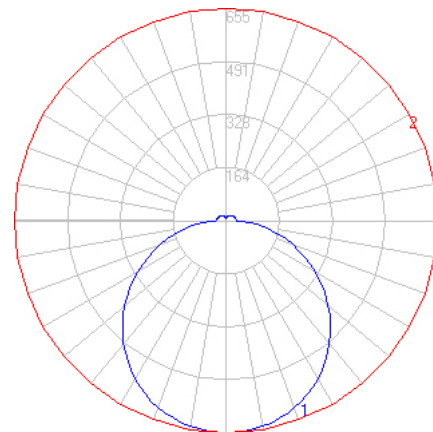


BEGA

File: 50529K4_BEGA_IES.ies

TEST: BE_50529K4
TEST LAB: BEGA
DATE: 08/07/2018
LUMINAIRE: 50 529K4
LAMP: 28.1W LED

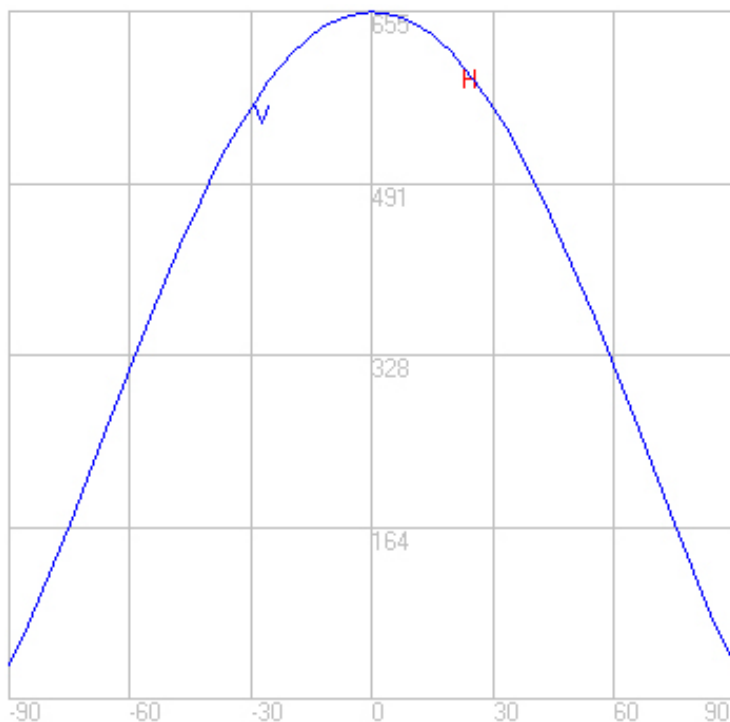
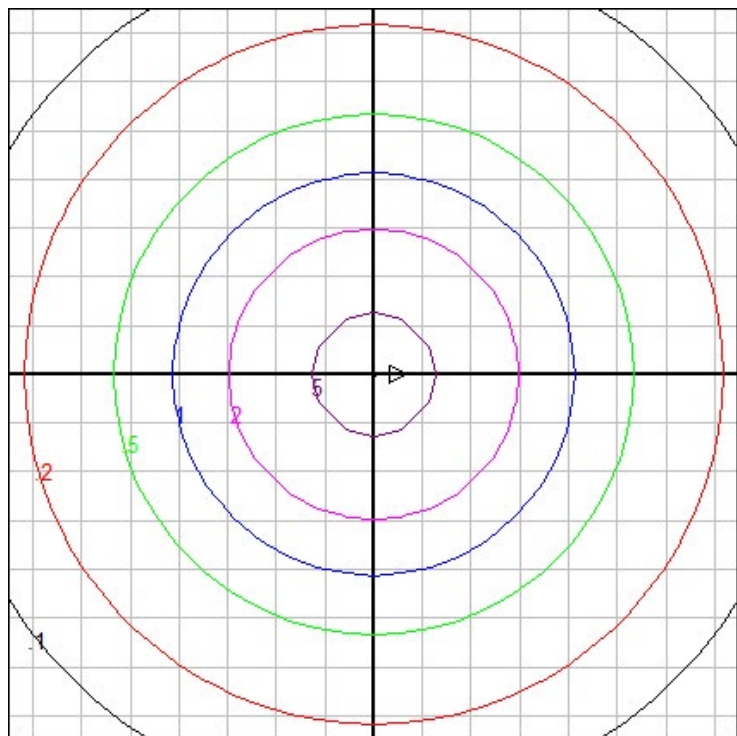


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2197
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	67
Total Luminaire Watts	33
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	1.13 ft (Diameter)
Luminous Height	0.08 ft

Zonal Lumen Summary

Zone	Lumens
0-10	62.06
10-20	178.75
20-30	273.13
30-40	332.98
40-50	350.99
50-60	326.19
60-70	264.29
70-80	176.61
80-90	78.65
90-100	33.18
100-110	30.84
110-120	27.16
120-130	22.35
130-140	16.91
140-150	11.43
150-160	6.84
160-170	3.43
170-180	0.73



Mounting Height: 10 ft.

Grid Spacing: 3 ft.

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

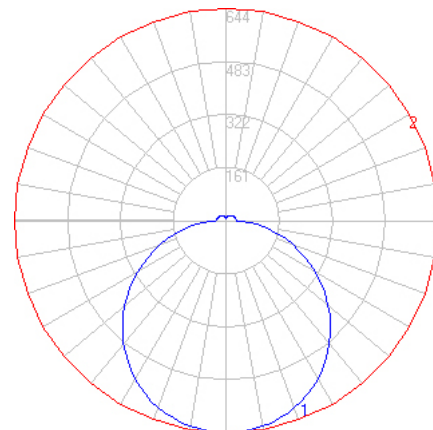
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BEGA

File: 50529K35_BEGA_IES.ies

TEST: BE_50529K4
TEST LAB: BEGA
DATE: 08/07/2018
LUMINAIRE: 50 529K35
LAMP: 28.1W LED

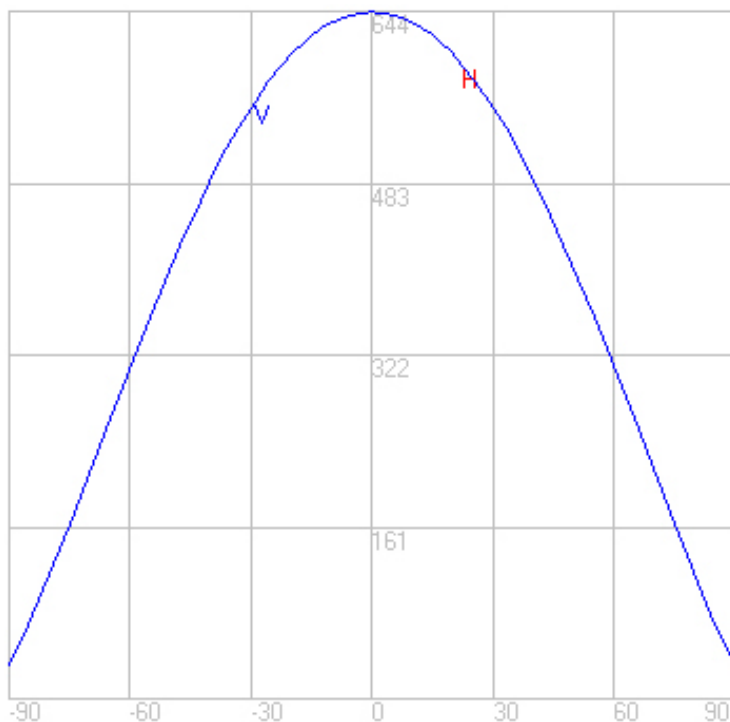
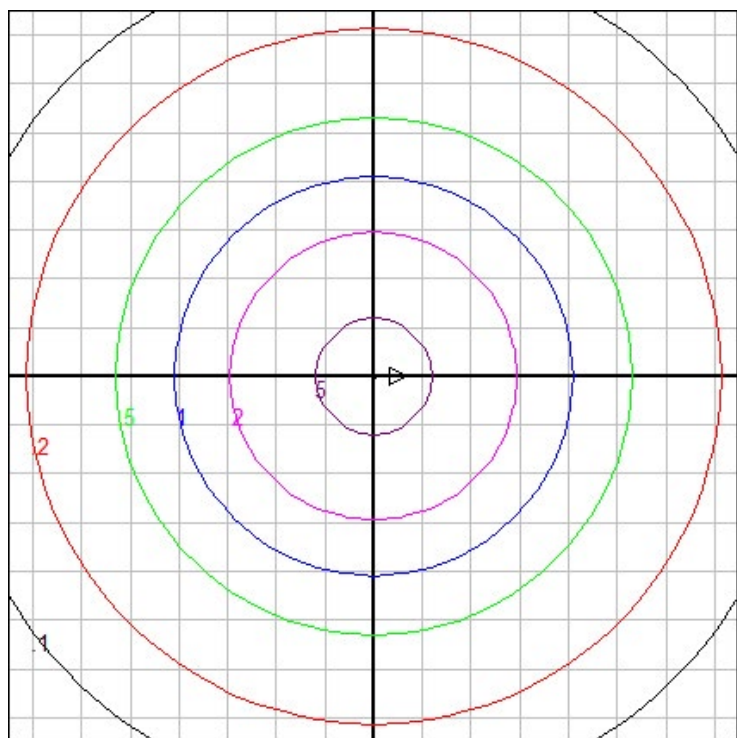


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2157
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	65
Total Luminaire Watts	33
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	1.13 ft (Diameter)
Luminous Height	0.08 ft

Zonal Lumen Summary

Zone	Lumens
0-10	60.95
10-20	175.53
20-30	268.22
30-40	326.99
40-50	344.67
50-60	320.32
60-70	259.53
70-80	173.43
80-90	77.23
90-100	32.59
100-110	30.29
110-120	26.67
120-130	21.95
130-140	16.61
140-150	11.23
150-160	6.72
160-170	3.37
170-180	0.72



Mounting Height: 10 ft.

Grid Spacing: 3 ft.

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

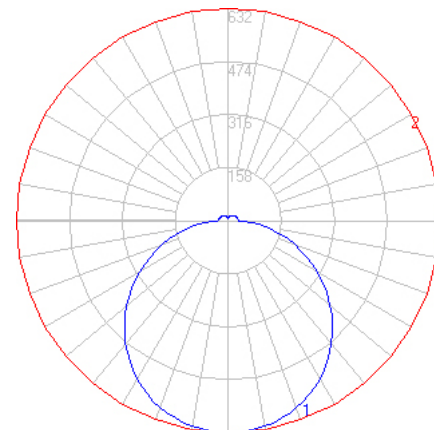
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File: 50529K3_BEGA_IES.ies

TEST: BE_50529K4
TEST LAB: BEGA
DATE: 08/07/2018
LUMINAIRE: 50 529K3
LAMP: 28.1W LED

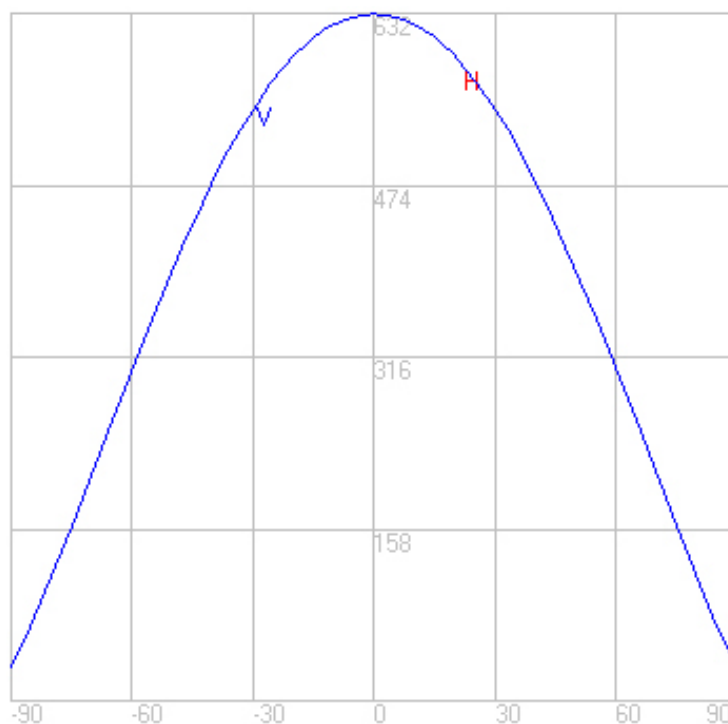
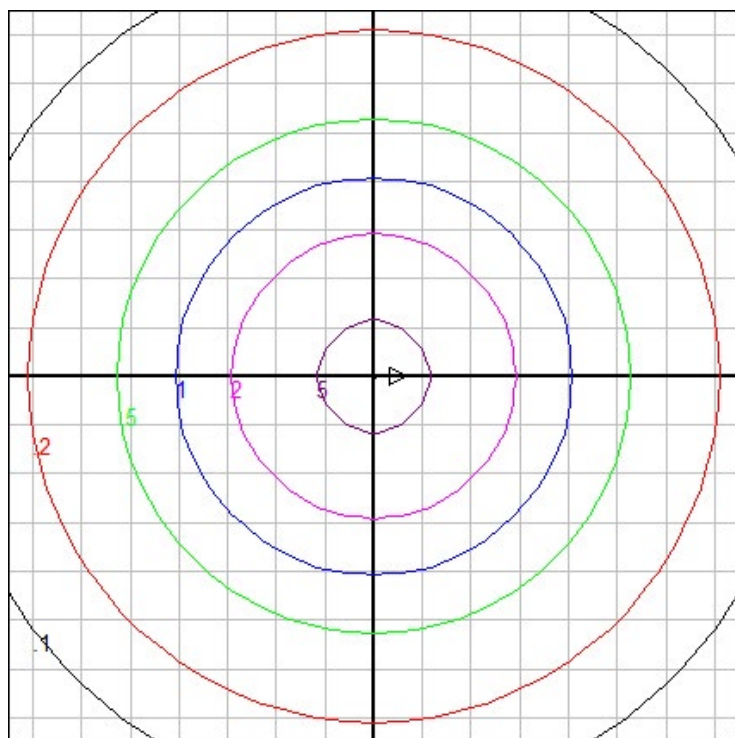


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2120
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	64
Total Luminaire Watts	33
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	1.13 ft (Diameter)
Luminous Height	0.08 ft

Zonal Lumen Summary

Zone	Lumens
0-10	59.89
10-20	172.50
20-30	263.57
30-40	321.32
40-50	338.70
50-60	314.77
60-70	255.04
70-80	170.42
80-90	75.89
90-100	32.02
100-110	29.76
110-120	26.21
120-130	21.57
130-140	16.32
140-150	11.03
150-160	6.60
160-170	3.31
170-180	0.70



Mounting Height: 10 ft.

Grid Spacing: 3 ft.

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

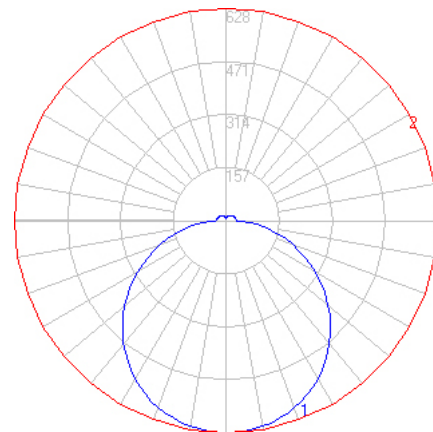
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BEGA

File: 50529K27_BEGA_IES.ies

TEST: BE_50529K4
TEST LAB: BEGA
DATE: 08/07/2018
LUMINAIRE: 50 529K27
LAMP: 28.1W LED

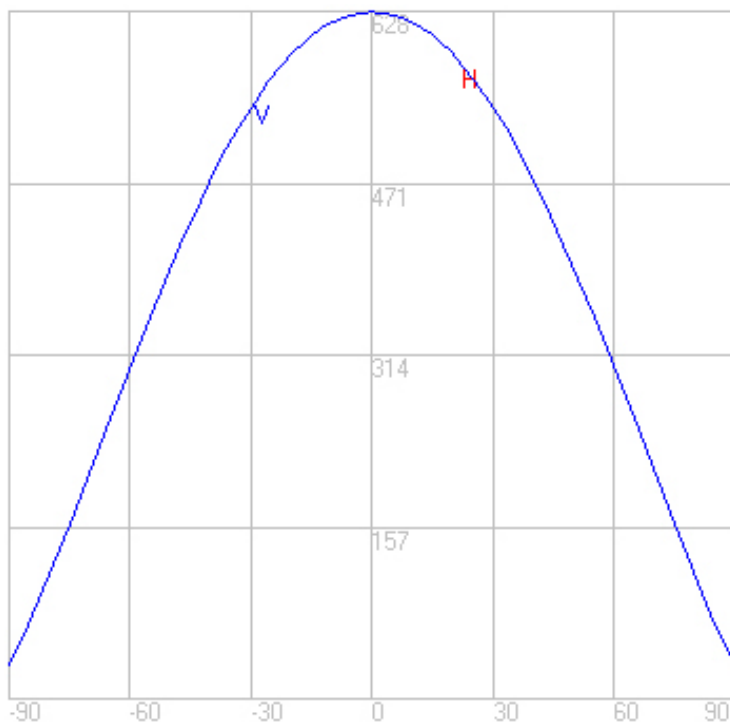
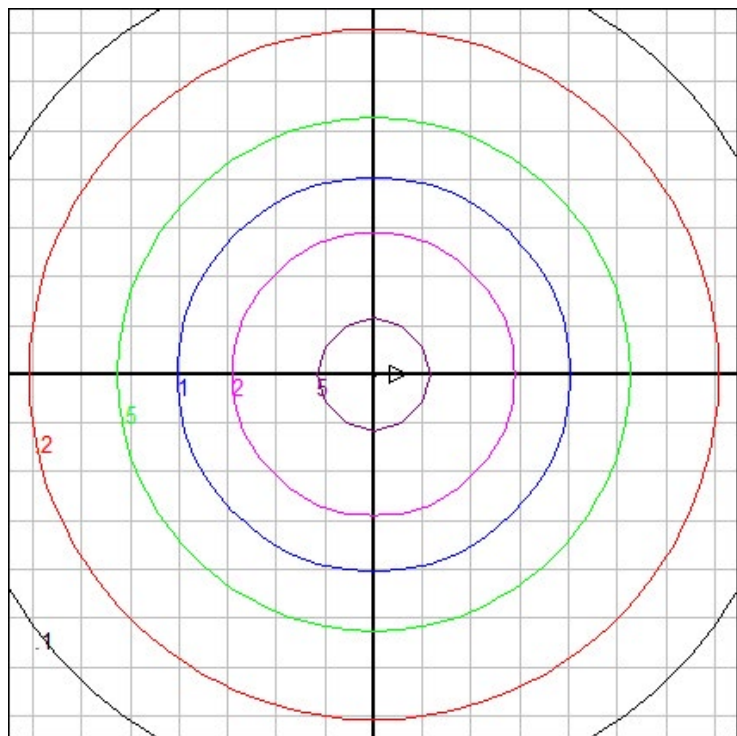


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2104
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	64
Total Luminaire Watts	33
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	1.13 ft (Diameter)
Luminous Height	0.08 ft

Zonal Lumen Summary

Zone	Lumens
0-10	59.46
10-20	171.24
20-30	261.66
30-40	318.99
40-50	336.25
50-60	312.49
60-70	253.19
70-80	169.19
80-90	75.34
90-100	31.79
100-110	29.55
110-120	26.02
120-130	21.41
130-140	16.20
140-150	10.95
150-160	6.55
160-170	3.29
170-180	0.70



Mounting Height: 10 ft.

Grid Spacing: 3 ft.

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