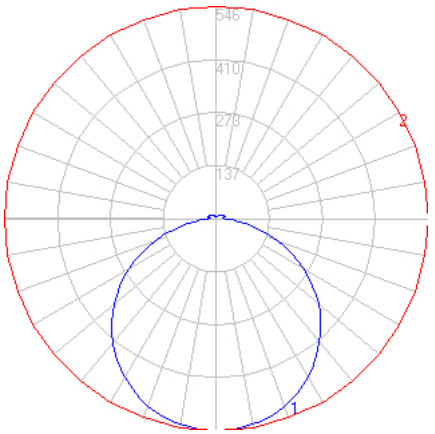
BEGA

File: 12128K4_BEGA_IES.ies

TEST:	BE_12128K4
TEST LAB:	BEGA
DATE:	09/29/2016
LUMINAIRE:	12 128K4
LAMP:	19.6W LED

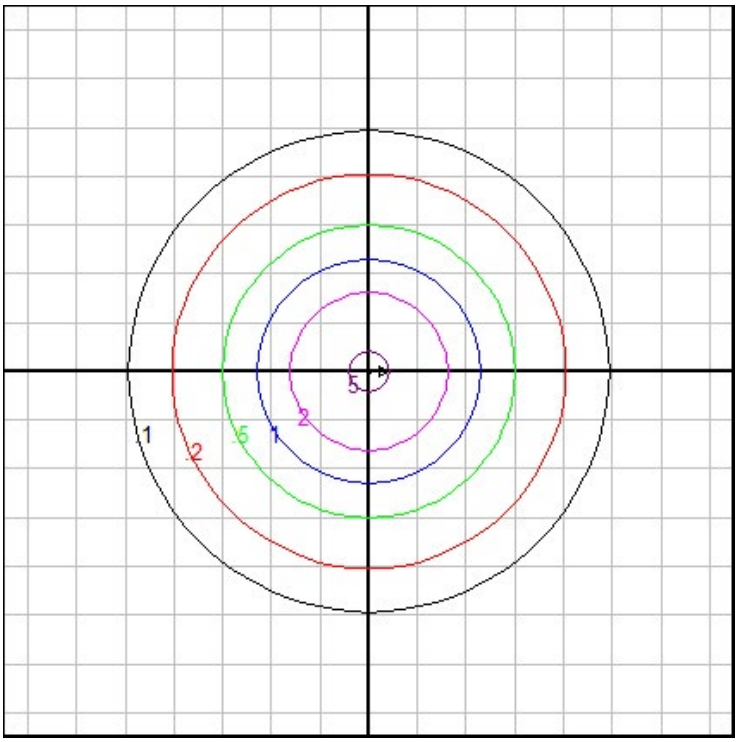


Characteristics

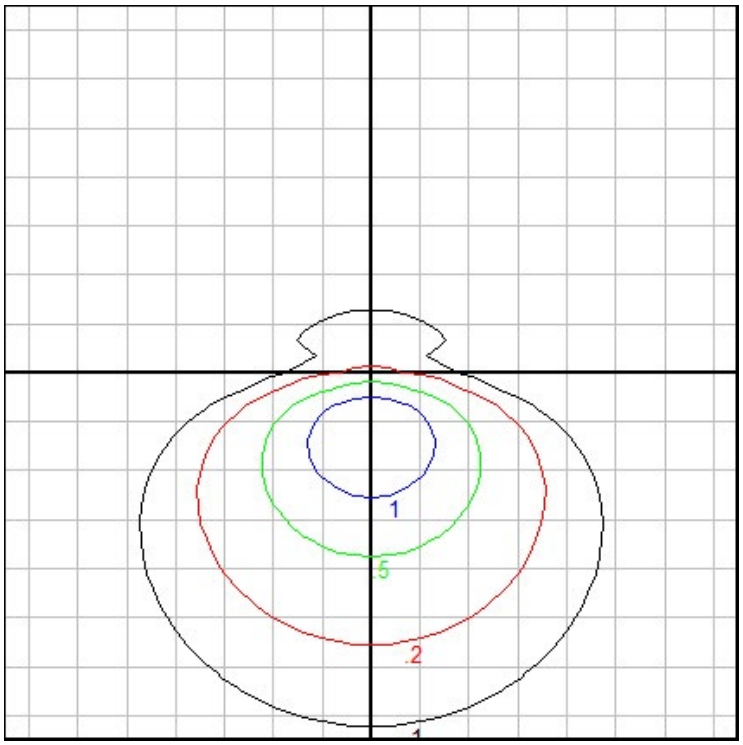
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1754
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	73
Total Luminaire Watts	24
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.30
Spacing Criterion (90-270)	1.30
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	1.00 ft (Diameter)
Luminous Height	0.10 ft

Zonal Lumen Summary

Zone	Lumens
0-10	51.73
10-20	149.17
20-30	228.06
30-40	278.19
40-50	293.17
50-60	270.52
60-70	212.49
70-80	127.98
80-90	47.06
90-100	19.65
100-110	21.61
110-120	19.23
120-130	14.16
130-140	9.81
140-150	6.10
150-160	3.13
160-170	1.30
170-180	0.25



Mounting Height: 10 ft.	Grid Spacing: 5 ft.



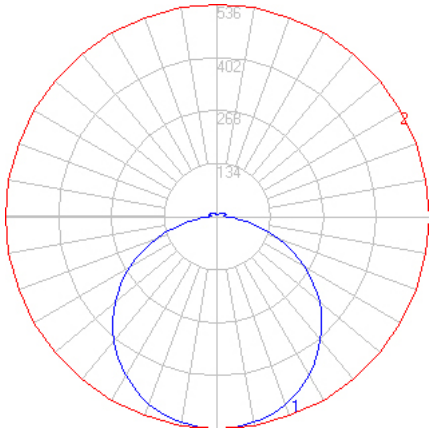
Mounting Height: 10 ft.	Grid Spacing: 5 ft.

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

BEGA

File: 12128K35_BEGA_IES.ies

TEST:	BE_12128K4
TEST LAB:	BEGA
DATE:	09/29/2016
LUMINAIRE:	121 28K35
LAMP:	19.6W LED

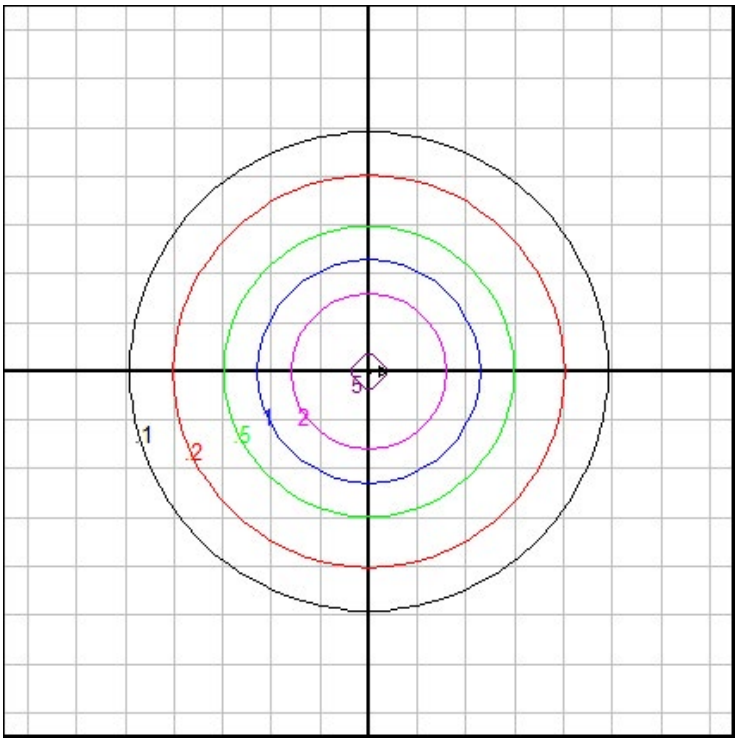


Characteristics

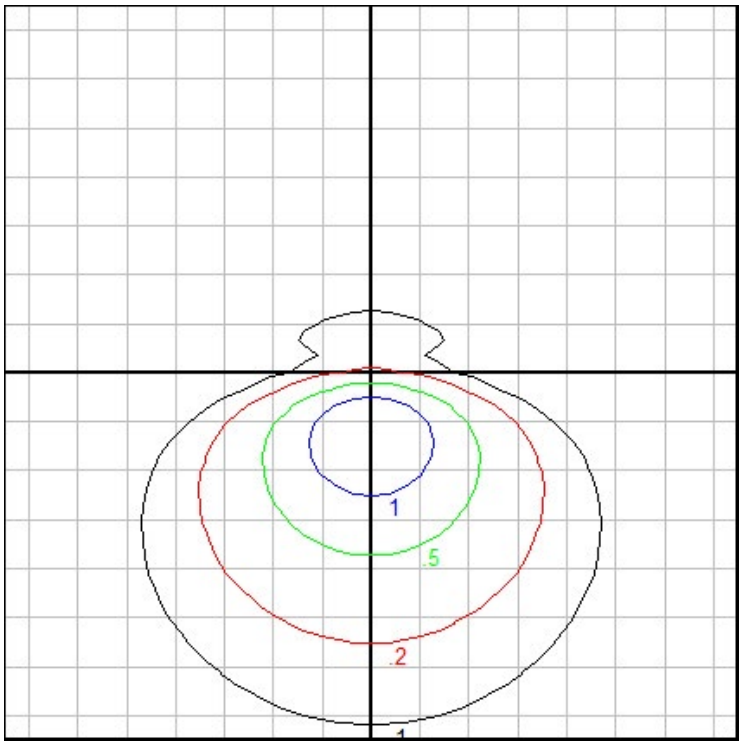
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1722
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	72
Total Luminaire Watts	24
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.30
Spacing Criterion (90-270)	1.30
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	1.00 ft (Diameter)
Luminous Height	0.10 ft

Zonal Lumen Summary

Zone	Lumens
0-10	50.80
10-20	146.48
20-30	223.95
30-40	273.18
40-50	287.89
50-60	265.65
60-70	208.66
70-80	125.67
80-90	46.21
90-100	19.30
100-110	21.22
110-120	18.89
120-130	13.90
130-140	9.63
140-150	5.99
150-160	3.08
160-170	1.27
170-180	0.25



Mounting Height: 10 ft.	Grid Spacing: 3 ft.



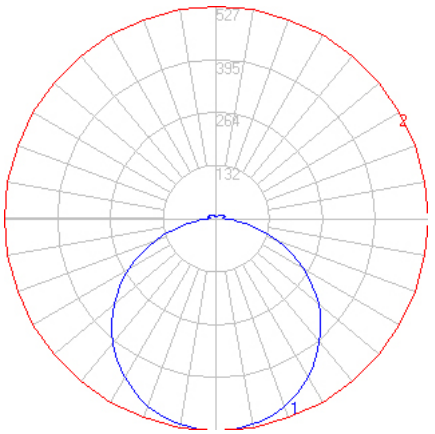
Mounting Height: 10 ft.	Grid Spacing: 5 ft.

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

BEGA

File: 12128K3_BEGA_IES.ies

TEST:	BE_12128K4
TEST LAB:	BEGA
DATE:	09/29/2016
LUMINAIRE:	12 1 28K3
LAMP:	19.6W LED

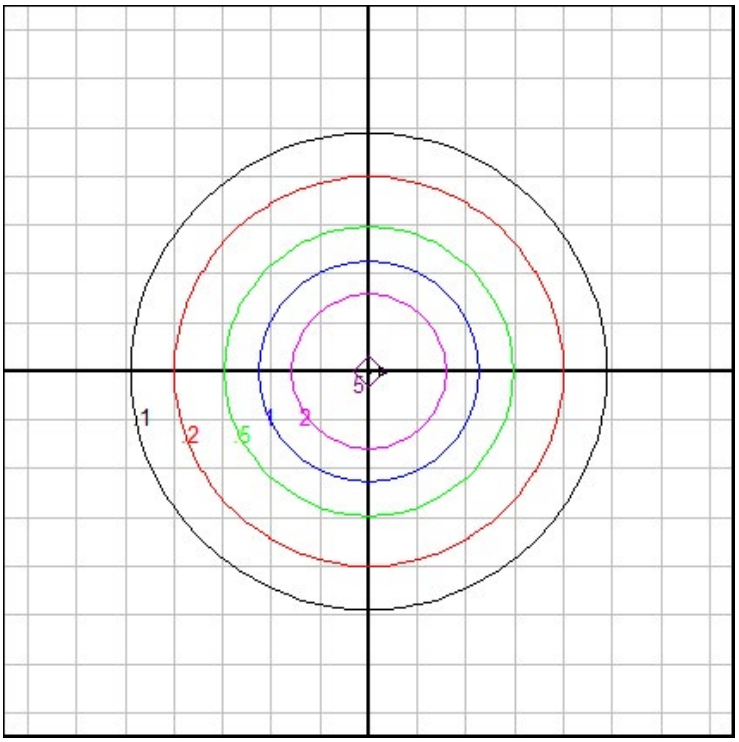


Characteristics

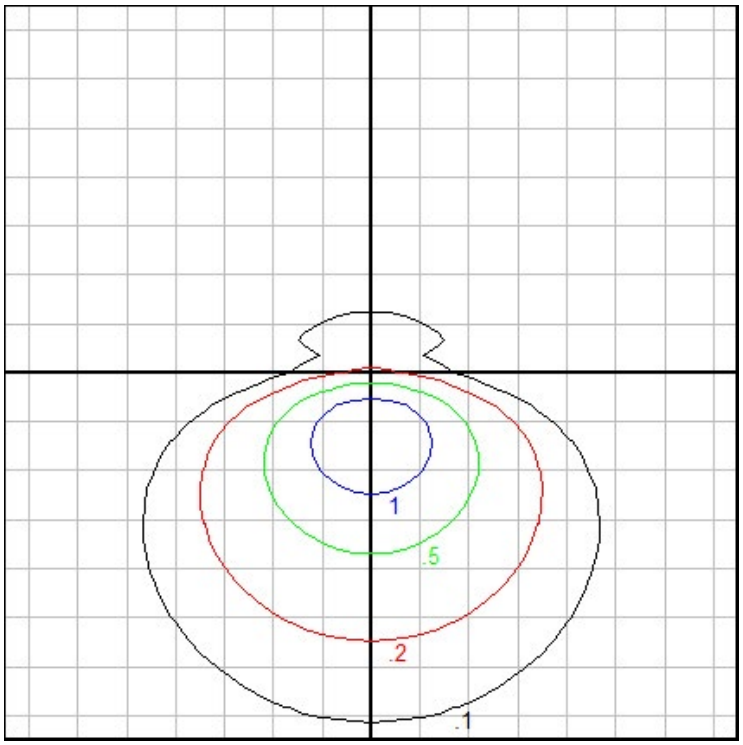
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1692
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	71
Total Luminaire Watts	24
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.30
Spacing Criterion (90-270)	1.30
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	1.00 ft (Diameter)
Luminous Height	0.10 ft

Zonal Lumen Summary

Zone	Lumens
0-10	49.92
10-20	143.94
20-30	220.08
30-40	268.45
40-50	282.91
50-60	261.05
60-70	205.05
70-80	123.50
80-90	45.41
90-100	18.96
100-110	20.86
110-120	18.56
120-130	13.66
130-140	9.47
140-150	5.89
150-160	3.02
160-170	1.25
170-180	0.25



Mounting Height: 10 ft.	Grid Spacing: 3 ft.



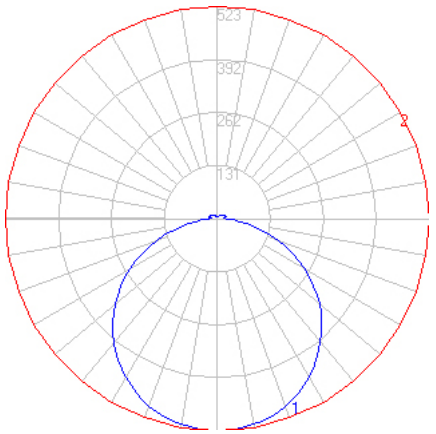
Mounting Height: 10 ft.	Grid Spacing: 5 ft.

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

BEGA

File:12128K27_BEGA_IES.ies

TEST:	BE_12128K4
TEST LAB:	BEGA
DATE:	09/29/2016
LUMINAIRE:	12 128K27
LAMP:	19.6W LED

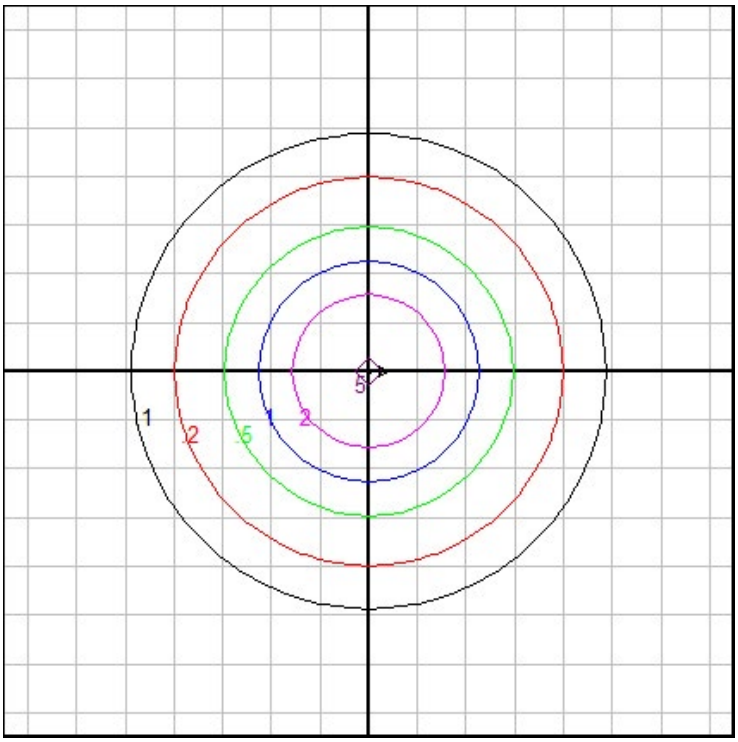


Characteristics

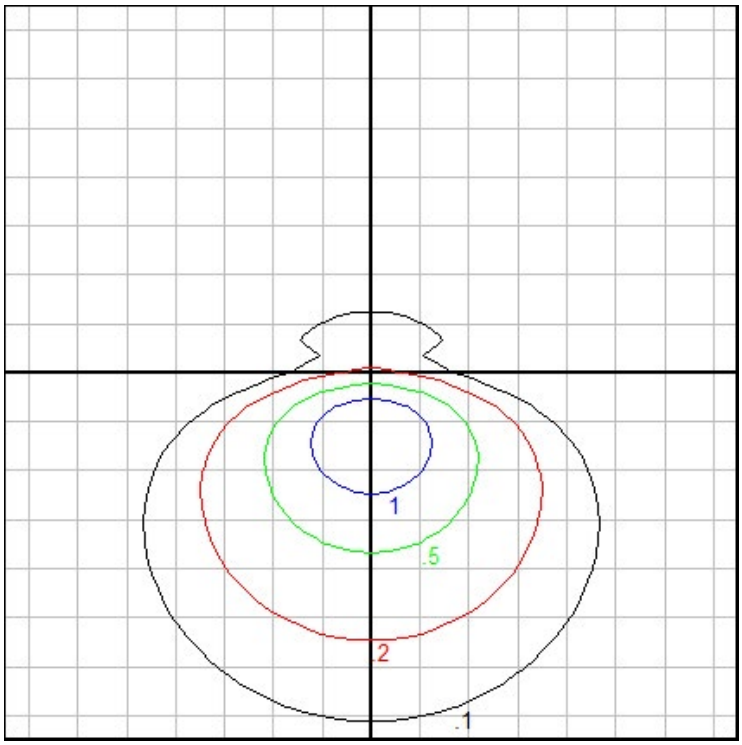
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1680
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	70
Total Luminaire Watts	24
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.30
Spacing Criterion (90-270)	1.30
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	1.00 ft (Diameter)
Luminous Height	0.10 ft

Zonal Lumen Summary

Zone	Lumens
0-10	49.56
10-20	142.90
20-30	218.48
30-40	266.50
40-50	280.86
50-60	259.16
60-70	203.56
70-80	122.60
80-90	45.09
90-100	18.82
100-110	20.70
110-120	18.42
120-130	13.56
130-140	9.40
140-150	5.84
150-160	3.00
160-170	1.24
170-180	0.24



Mounting Height: 10 ft.	Grid Spacing: 3 ft.



Mounting Height: 10 ft.	Grid Spacing: 5 ft.

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