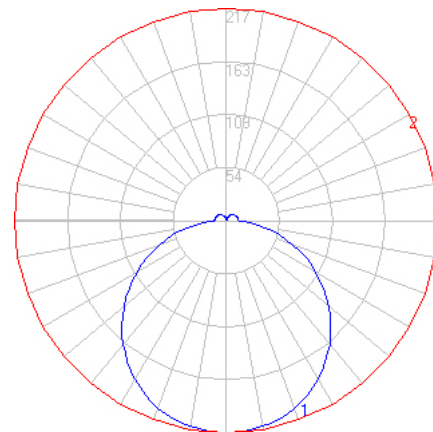
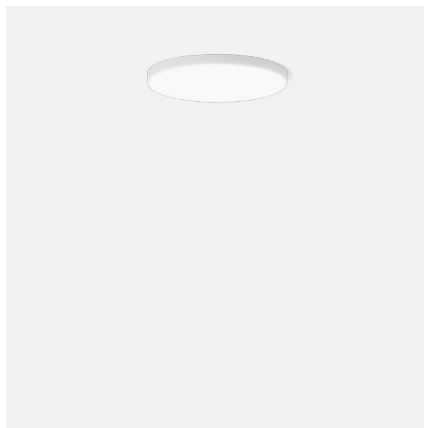


BEGA

File: 50527K4_BEGA_IES.ies

TEST: BE_50527K4
TEST LAB: BEGA
DATE: 07/12/2018
LUMINAIRE: 50 527K4
LAMP: 8.4W LED

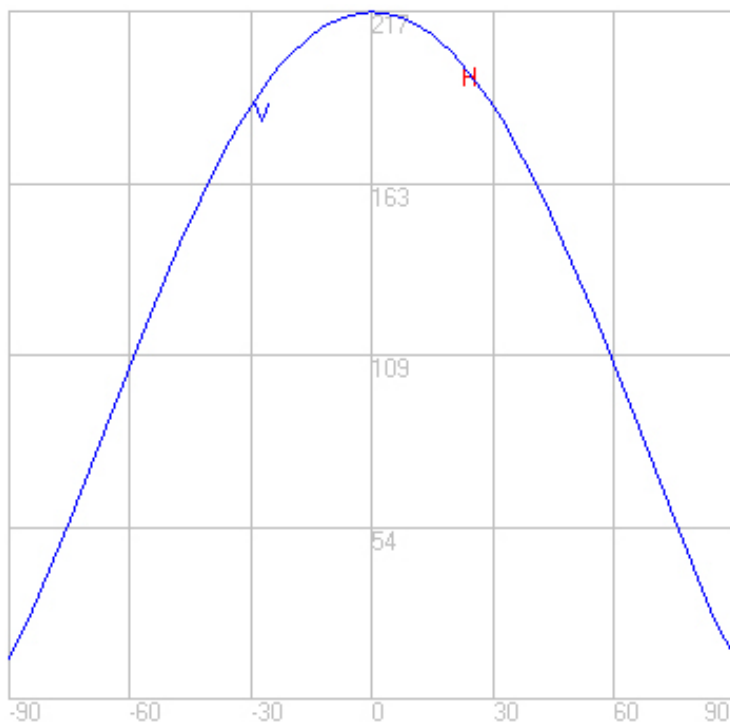
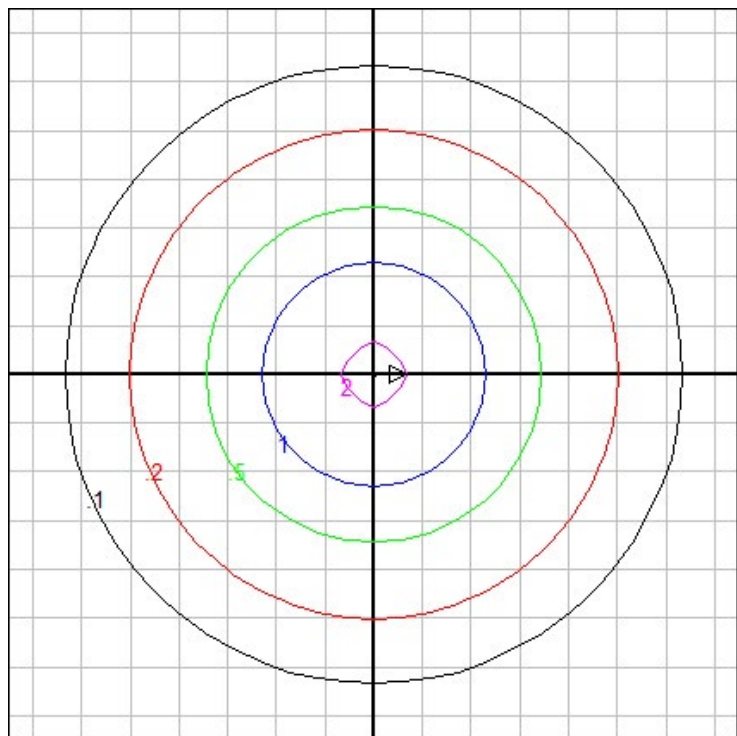


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	741
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	62
Total Luminaire Watts	12
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)	0.61 ft (Diameter)
Luminous Height	0.07 ft

Zonal Lumen Summary

Zone	Lumens
0-10	20.56
10-20	59.26
20-30	90.62
30-40	110.55
40-50	116.72
50-60	108.79
60-70	88.64
70-80	59.76
80-90	27.35
90-100	13.24
100-110	12.26
110-120	10.71
120-130	8.79
130-140	6.55
140-150	4.28
150-160	2.29
160-170	0.76
170-180	0.08



Mounting Height: 10 ft.

Grid Spacing: 3 ft.

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

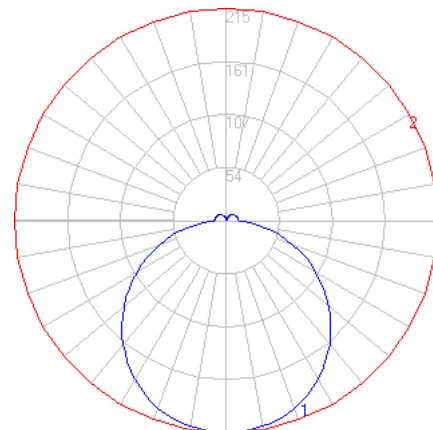
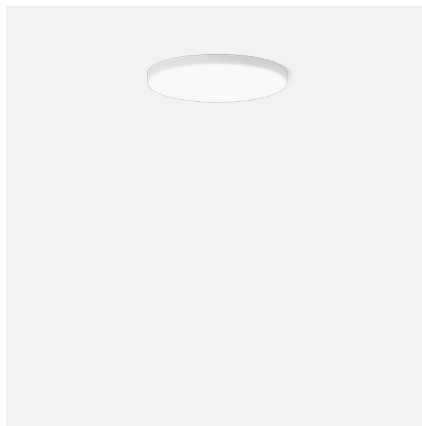
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2020

05/06/20

BEGA

File: 50527K35_BEGA_IES.ies

TEST: BE_50527K4
TEST LAB: BEGA
DATE: 07/12/2018
LUMINAIRE: 50 527K35
LAMP: 8.4W LED

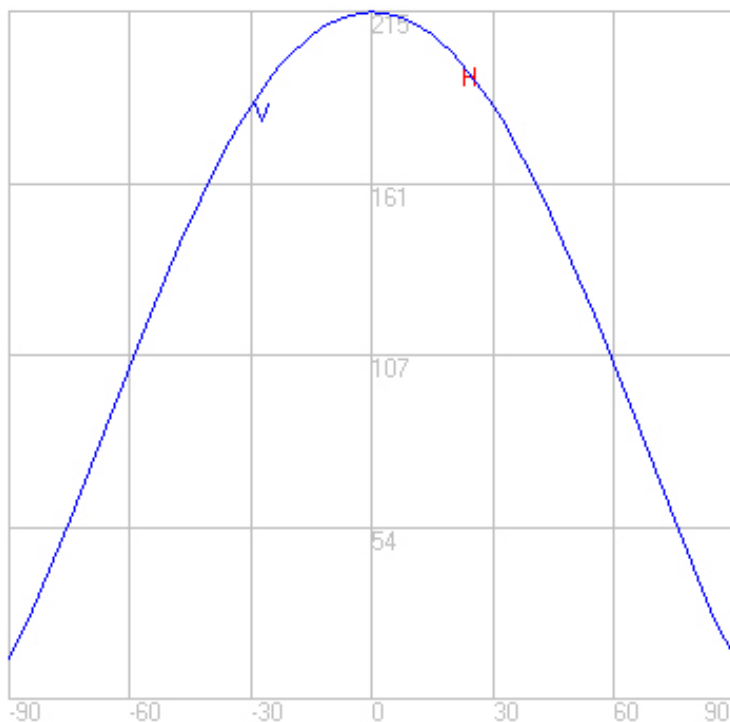
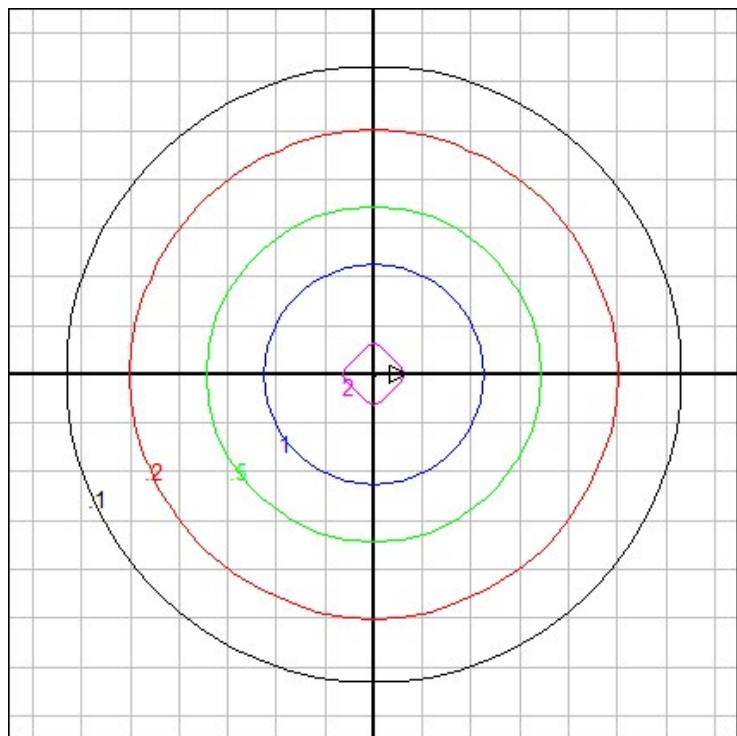


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	734
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	61
Total Luminaire Watts	12
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)	0.61 ft (Diameter)
Luminous Height	0.07 ft

Zonal Lumen Summary

Zone	Lumens
0-10	20.35
10-20	58.67
20-30	89.71
30-40	109.45
40-50	115.55
50-60	107.71
60-70	87.76
70-80	59.17
80-90	27.07
90-100	13.11
100-110	12.14
110-120	10.61
120-130	8.70
130-140	6.48
140-150	4.24
150-160	2.27
160-170	0.75
170-180	0.08



Mounting Height: 10 ft.

Grid Spacing: 3 ft.

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

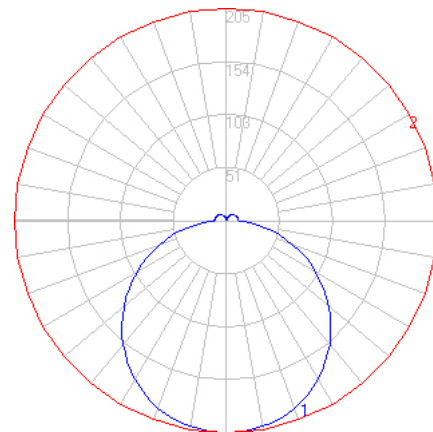
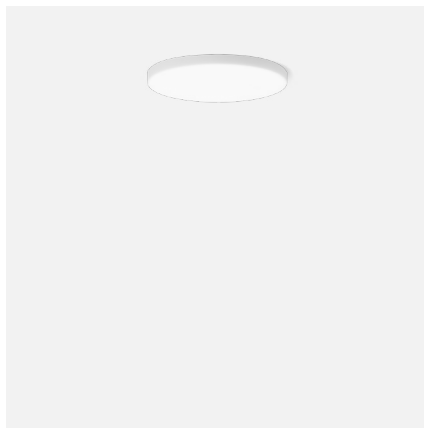
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2020

05/06/20

BEGA

File: 50527K3_BEGA_IES.ies

TEST: BE_50527K4
TEST LAB: BEGA
DATE: 07/12/2018
LUMINAIRE: 50 527K3
LAMP: 8.4W LED

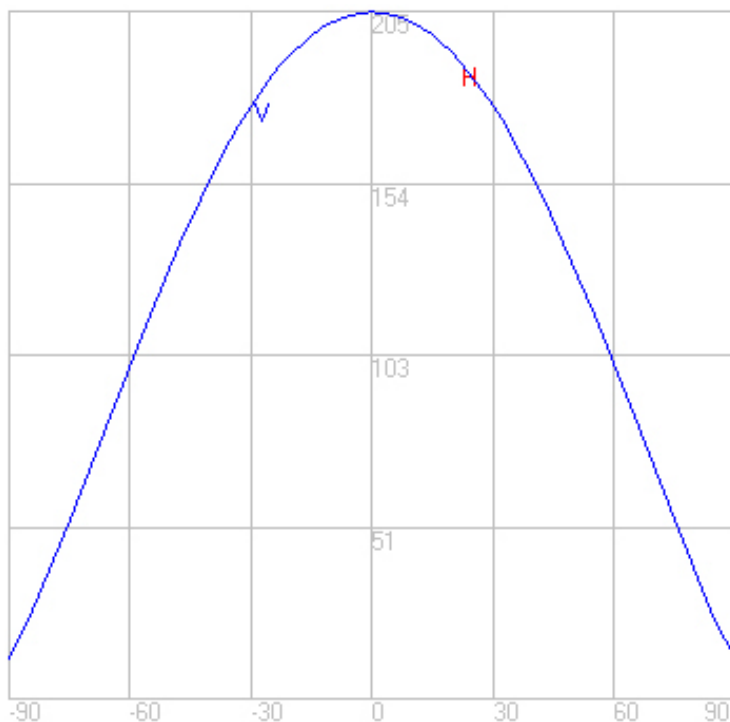
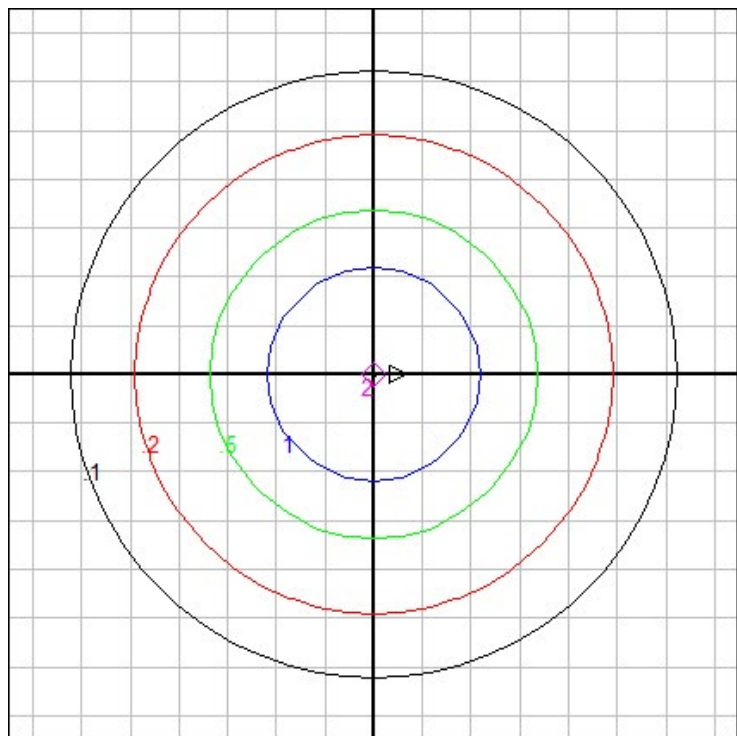


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	700
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	58
Total Luminaire Watts	12
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)	0.61 ft (Diameter)
Luminous Height	0.07 ft

Zonal Lumen Summary

Zone	Lumens
0-10	19.43
10-20	56.00
20-30	85.63
30-40	104.47
40-50	110.30
50-60	102.81
60-70	83.77
70-80	56.48
80-90	25.84
90-100	12.51
100-110	11.59
110-120	10.12
120-130	8.31
130-140	6.19
140-150	4.04
150-160	2.16
160-170	0.71
170-180	0.08



Mounting Height: 10 ft.

Grid Spacing: 3 ft.

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

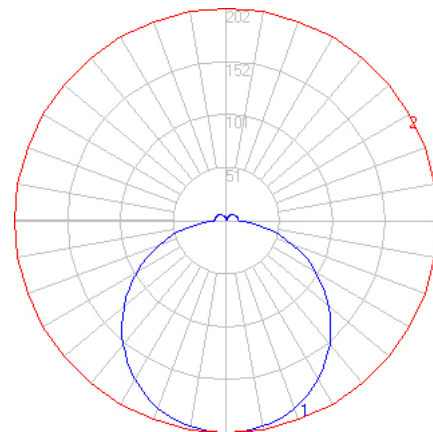
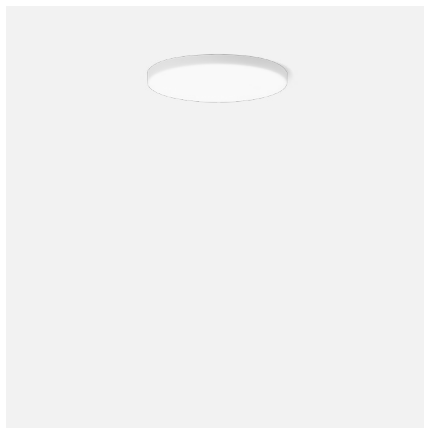
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2020

05/06/20

BEGA

File: 50527K27_BEGA_IES.ies

TEST: BE_50527K4
TEST LAB: BEGA
DATE: 07/12/2018
LUMINAIRE: 50 527K27
LAMP: 8.4W LED

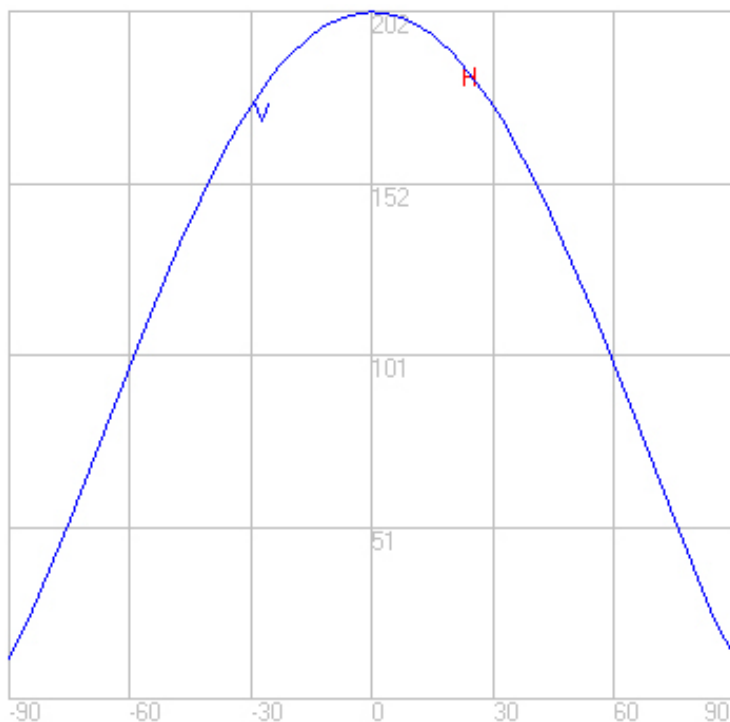
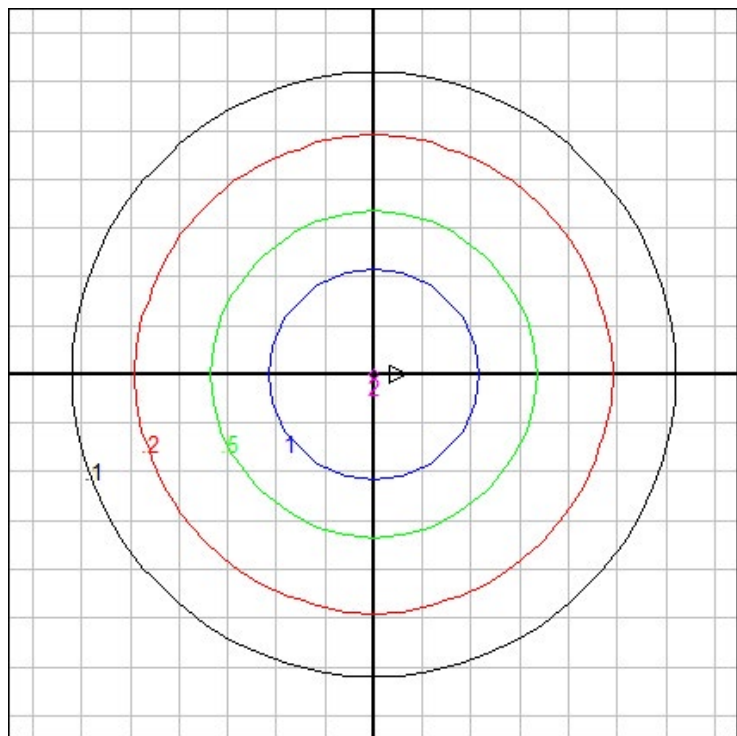


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	691
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	58
Total Luminaire Watts	12
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)	0.61 ft (Diameter)
Luminous Height	0.07 ft

Zonal Lumen Summary

Zone	Lumens
0-10	19.16
10-20	55.23
20-30	84.45
30-40	103.03
40-50	108.78
50-60	101.40
60-70	82.62
70-80	55.70
80-90	25.49
90-100	12.34
100-110	11.43
110-120	9.98
120-130	8.19
130-140	6.10
140-150	3.99
150-160	2.13
160-170	0.70
170-180	0.07



Mounting Height: 10 ft.

Grid Spacing: 3 ft.

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

BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2020

05/06/20