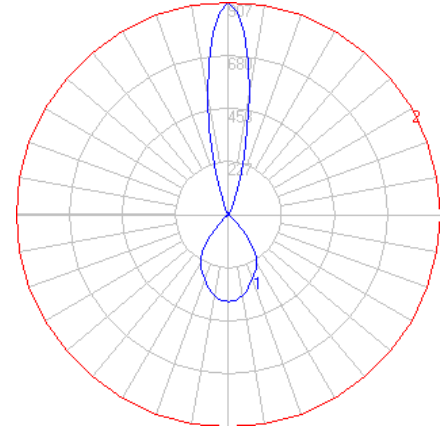


BEGA

File: 24615K4_BEGA_IES.ies

TEST: BE_24615K4
TEST LAB: BEGA
DATE: 03/12/2020
LUMINAIRE: 24 615K4
LAMP: 7.8W LED



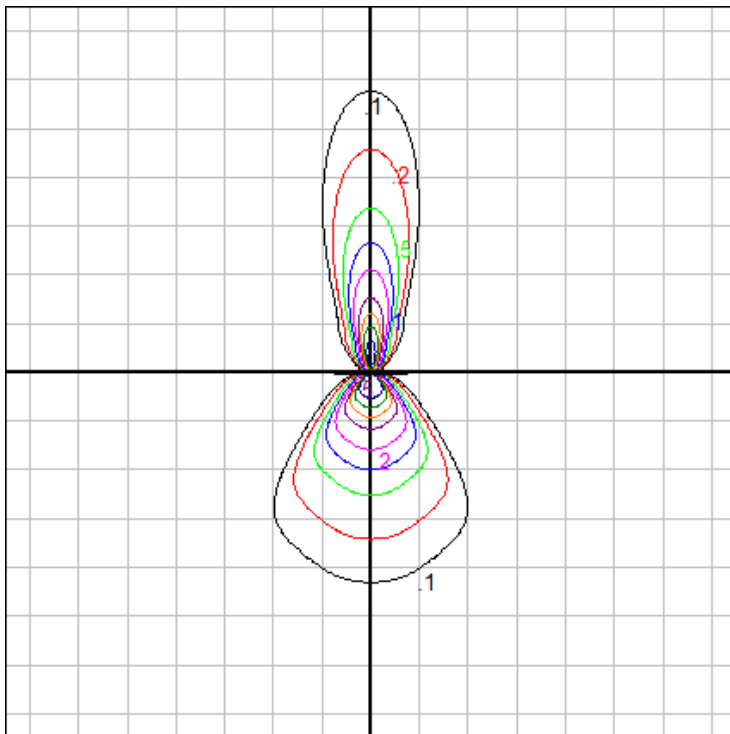
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	589
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	49
Total Luminaire Watts	12
Ballast Factor	1.00
Upward Waste Light Ratio	0.28
Max. Cd.	906.508 (0H, 180V)
Max. Cd. (<90 Vert.)	373.908 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	.327 (0.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

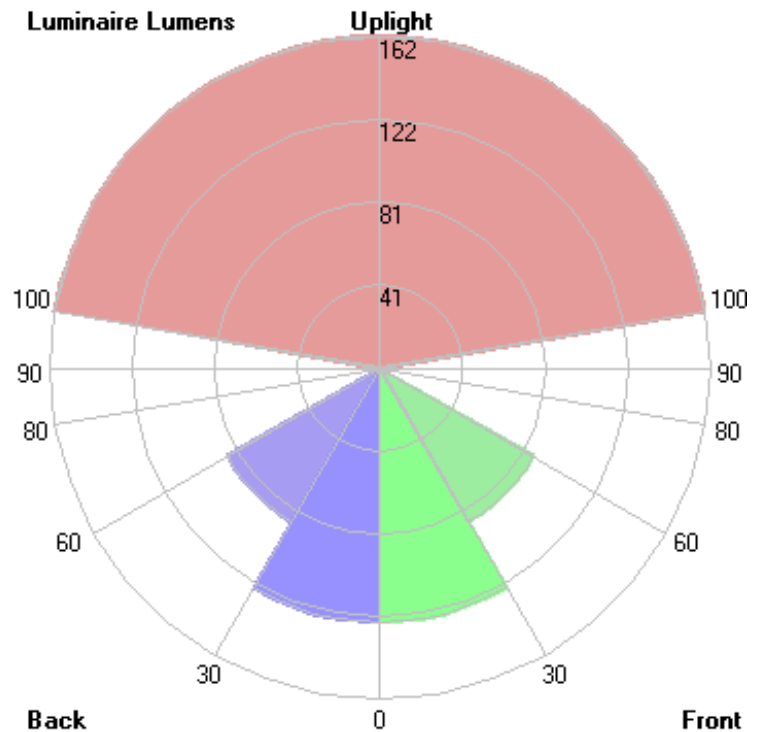
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	124.6	N.A.	21.1
FM (30-60)	86.8	N.A.	14.7
FH (60-80)	2.1	N.A.	0.4
FVH(80-90)	0.1	N.A.	0.0
BL (0-30)	124.6	N.A.	21.1
BM (30-60)	86.8	N.A.	14.7
BH (60-80)	2.1	N.A.	0.4
BVH(80-90)	0.1	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	162.2	N.A.	27.5
Total	589.4	N.A.	100.0

BUG Rating B1-U3-G0



Isofootcandle grid on wall

Grid Spacing: 2 ft.



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

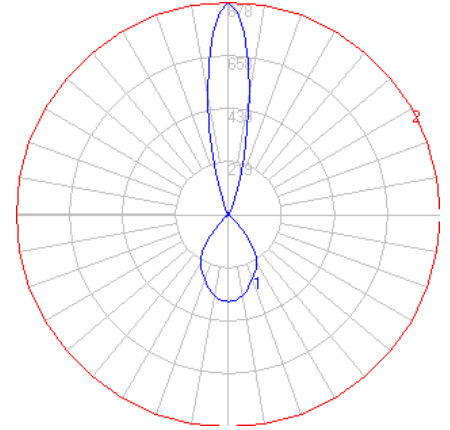
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2024

07/19/24

BEGA

File: 24615K35_BEGA_IES.ies

TEST: BE_24615K4
TEST LAB: BEGA
DATE: 03/12/2020
LUMINAIRE: 24 615K35
LAMP: 7.8W LED



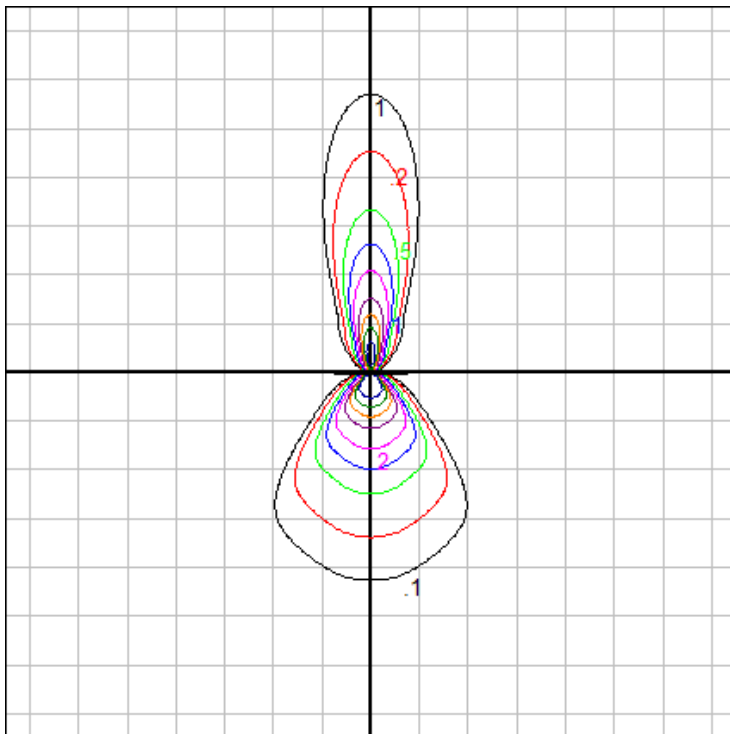
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	570
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	48
Total Luminaire Watts	12
Ballast Factor	1.00
Upward Waste Light Ratio	0.28
Max. Cd.	877.694 (0H, 180V)
Max. Cd. (<90 Vert.)	362.023 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	.317 (0.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

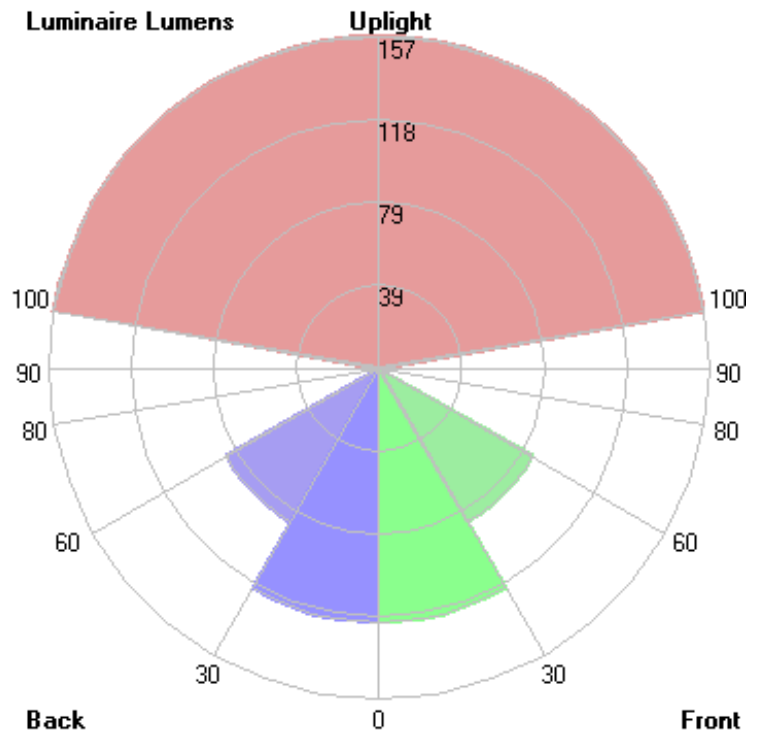
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	120.6	N.A.	21.1
FM (30-60)	84.0	N.A.	14.7
FH (60-80)	2.0	N.A.	0.4
FVH(80-90)	0.1	N.A.	0.0
BL (0-30)	120.6	N.A.	21.1
BM (30-60)	84.0	N.A.	14.7
BH (60-80)	2.0	N.A.	0.4
BVH(80-90)	0.1	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	157.0	N.A.	27.5
Total	570.4	N.A.	100.0

BUG Rating B1-U3-G0



Isofootcandle grid on wall

Grid Spacing: 2 ft.



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

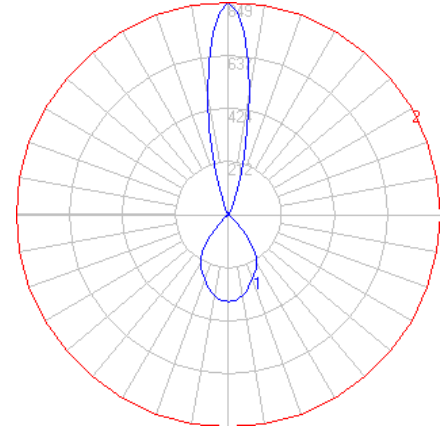
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2024

07/19/24

BEGA

File: 24615K3_BEGA_IES.ies

TEST: BE_24615K4
TEST LAB: BEGA
DATE: 03/12/2020
LUMINAIRE: 24 615K3
LAMP: 7.8W LED



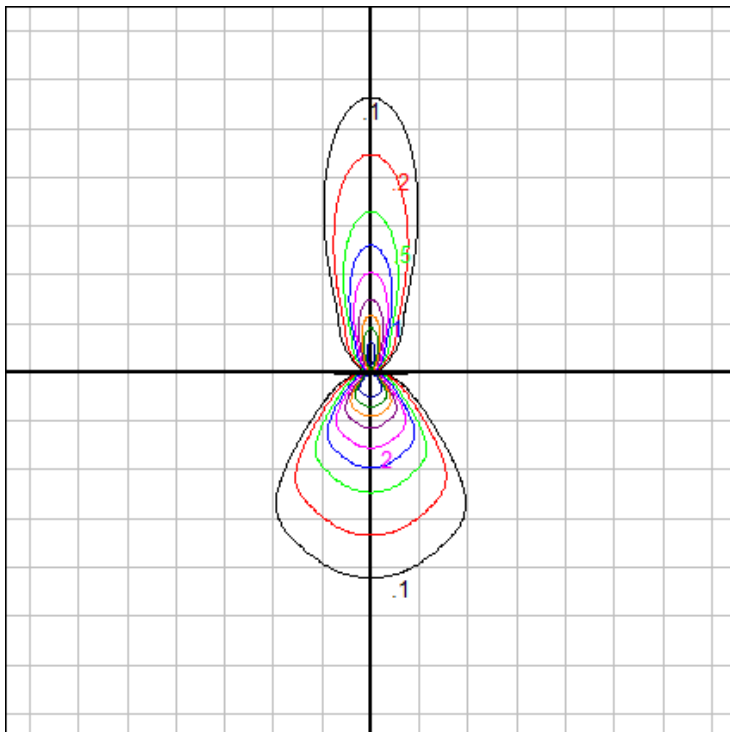
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	552
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	46
Total Luminaire Watts	12
Ballast Factor	1.00
Upward Waste Light Ratio	0.28
Max. Cd.	848.881 (0H, 180V)
Max. Cd. (<90 Vert.)	350.139 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	.306 (0.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

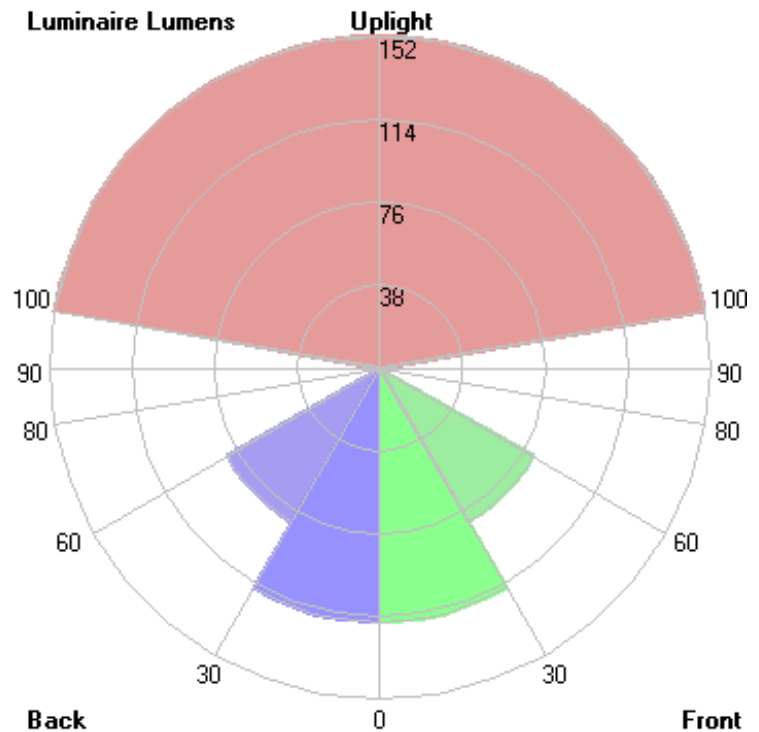
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	116.7	N.A.	21.1
FM (30-60)	81.2	N.A.	14.7
FH (60-80)	2.0	N.A.	0.4
FVH(80-90)	0.1	N.A.	0.0
BL (0-30)	116.7	N.A.	21.1
BM (30-60)	81.2	N.A.	14.7
BH (60-80)	2.0	N.A.	0.4
BVH(80-90)	0.1	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	151.9	N.A.	27.5
Total	551.9	N.A.	100.0

BUG Rating B1-U3-G0



Isofootcandle grid on wall

Grid Spacing: 2 ft.



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

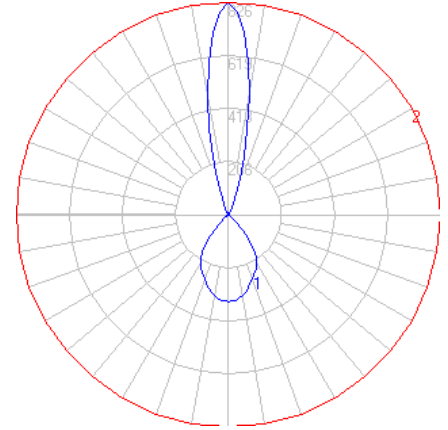
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2024

07/19/24

BEGA

File: 24615K27_BEGA_IES.ies

TEST: BE_24615K4
TEST LAB: BEGA
DATE: 03/12/2020
LUMINAIRE: 24 615K27
LAMP: 7.8W LED



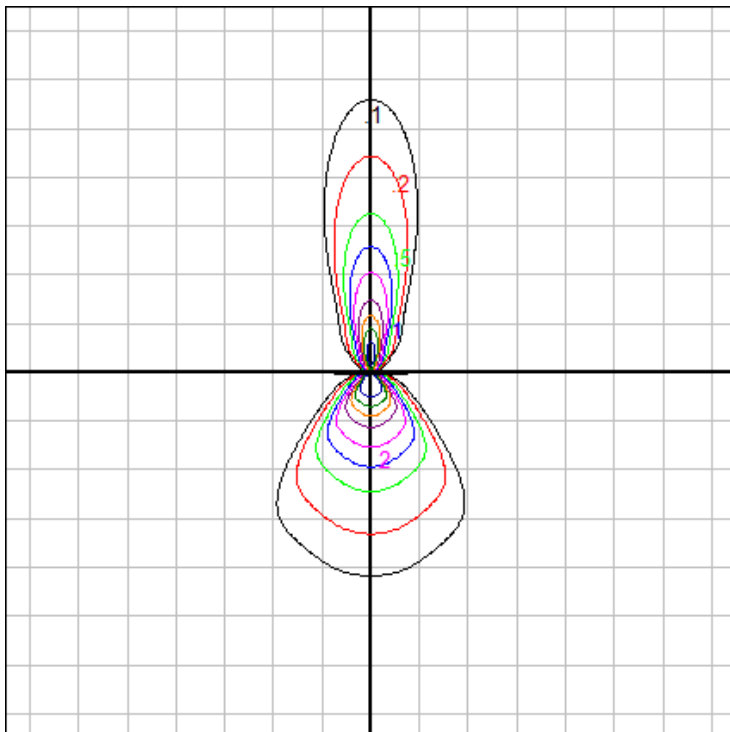
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	537
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	45
Total Luminaire Watts	12
Ballast Factor	1.00
Upward Waste Light Ratio	0.28
Max. Cd.	825.609 (0H, 180V)
Max. Cd. (<90 Vert.)	340.54 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	.298 (0.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

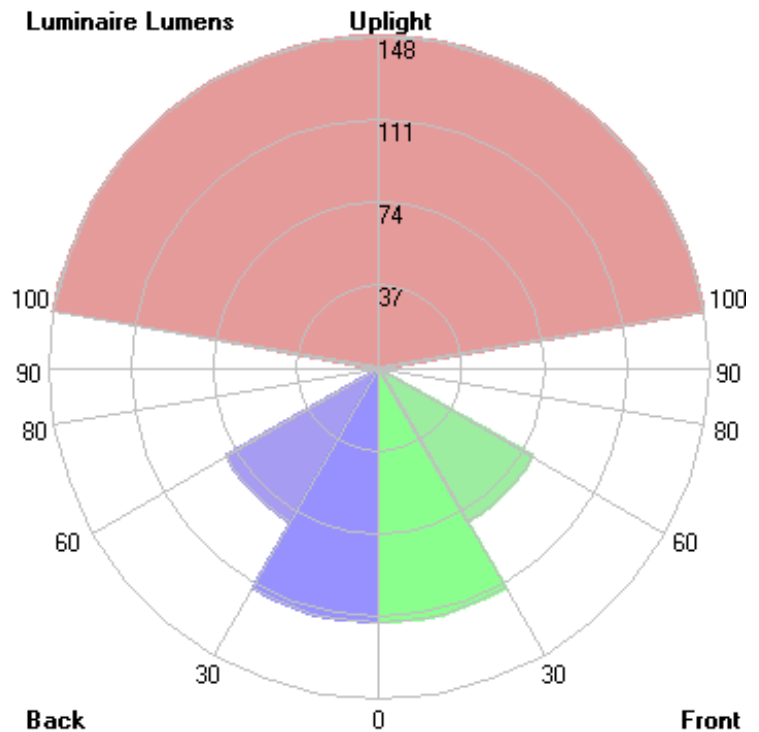
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	113.5	N.A.	21.1
FM (30-60)	79.0	N.A.	14.7
FH (60-80)	1.9	N.A.	0.4
FVH (80-90)	0.1	N.A.	0.0
BL (0-30)	113.5	N.A.	21.1
BM (30-60)	79.0	N.A.	14.7
BH (60-80)	1.9	N.A.	0.4
BVH (80-90)	0.1	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	147.7	N.A.	27.5
Total	536.7	N.A.	100.0

BUG Rating B1-U3-G0



Isofootcandle grid on wall

Grid Spacing: 2 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 2024

07/19/24