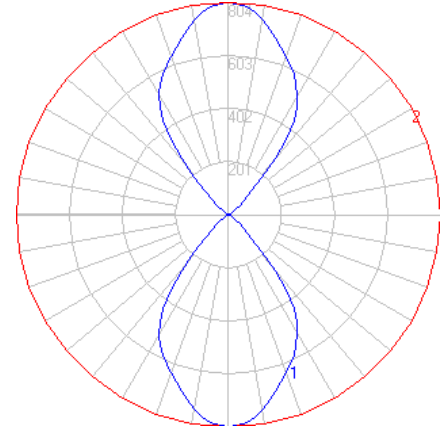


BEGA

File: 24480K4_BEGA_IES.ies

TEST: BE_24480K4
TEST LAB: BEGA
DATE: 02/18/2021
LUMINAIRE: 24 480K4
LAMP: 17.7W LED



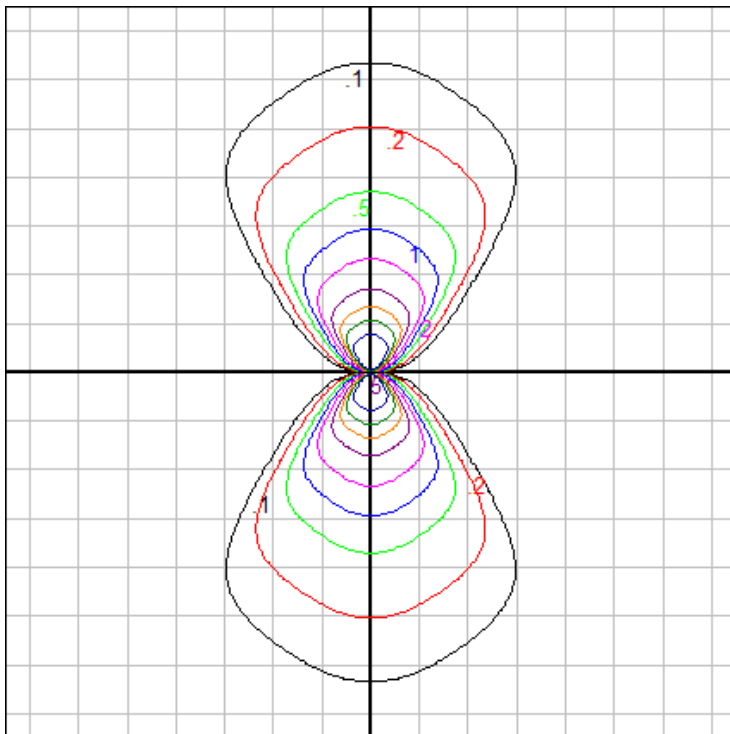
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1885
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	94
Total Luminaire Watts	20
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	803.813 (0H, 180V)
Max. Cd. (<90 Vert.)	803.813 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	.772 (0.0%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

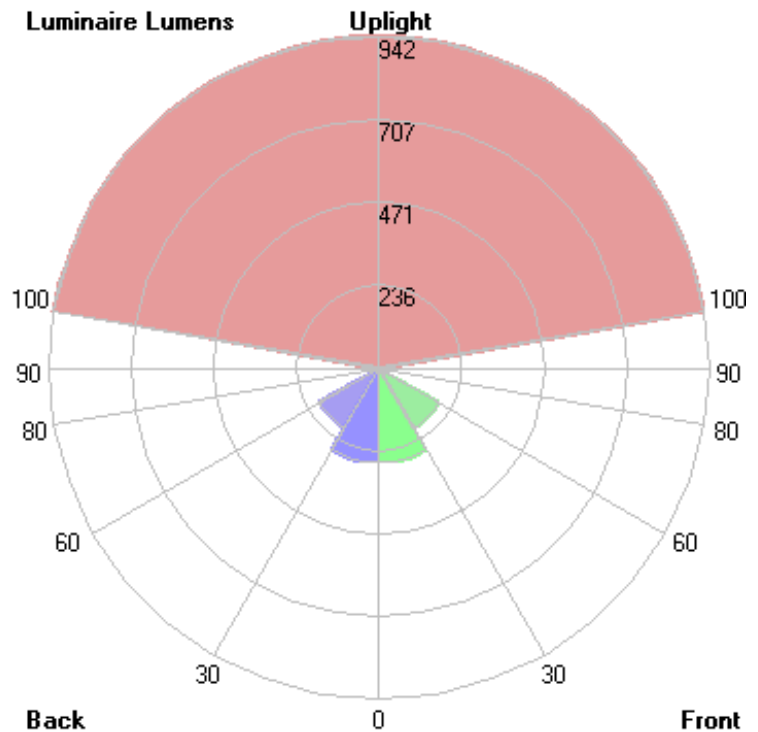
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	269.1	N.A.	14.3
FM (30-60)	197.0	N.A.	10.4
FH (60-80)	5.1	N.A.	0.3
FVH(80-90)	0.1	N.A.	0.0
BL (0-30)	269.1	N.A.	14.3
BM (30-60)	197.0	N.A.	10.4
BH (60-80)	5.1	N.A.	0.3
BVH(80-90)	0.1	N.A.	0.0
UL (90-100)	0.3	N.A.	0.0
UH (100-180)	942.2	N.A.	50.0
Total	1885.1	N.A.	100.0

BUG Rating B1-U4-G0



Isofootcandle diagram on wall | Grid Spacing: 2 ft.



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

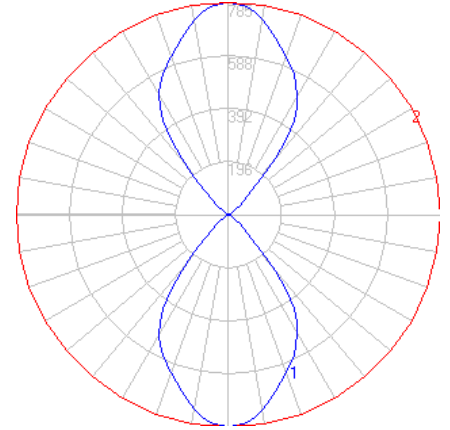
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2023

10/23/23

BEGA

File: 24480K35_BEGA_IES.ies

TEST: BE_24480K4
TEST LAB: BEGA
DATE: 02/18/2021
LUMINAIRE: 24 480K35
LAMP: 17.7W LED



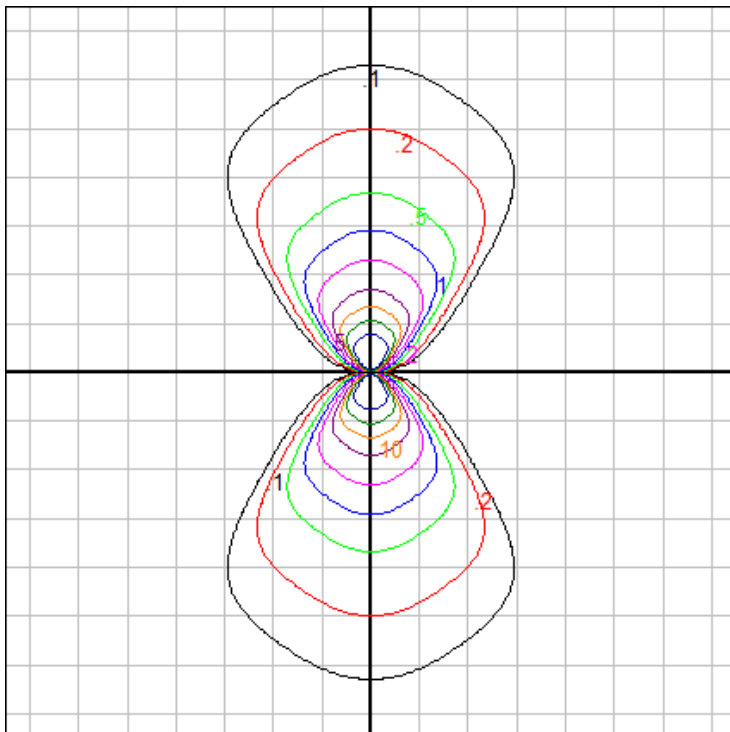
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1840
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	92
Total Luminaire Watts	20
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	784.5 (0H, 180V)
Max. Cd. (<90 Vert.)	784.5 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	.753 (0.0%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

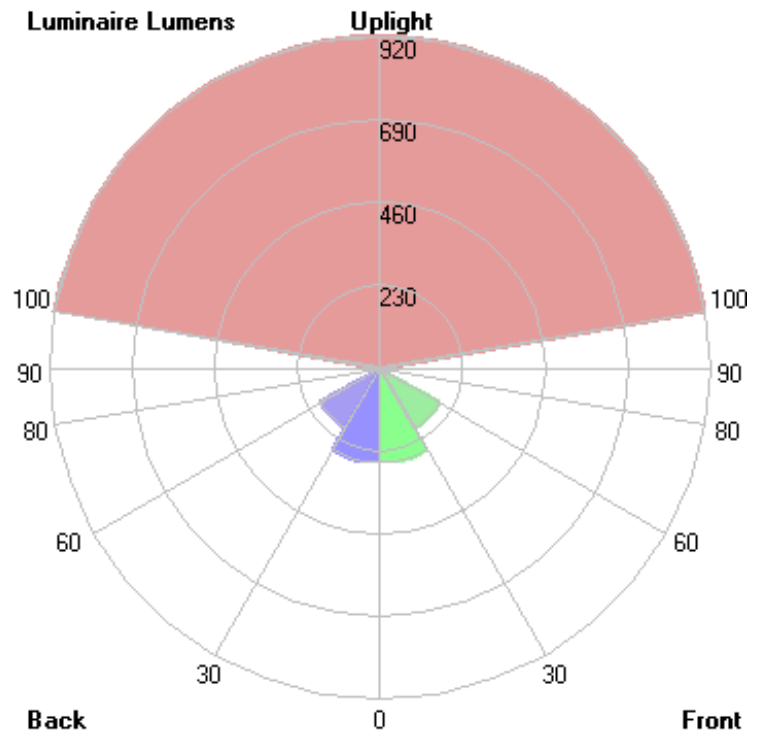
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	262.6	N.A.	14.3
FM (30-60)	192.2	N.A.	10.5
FH (60-80)	4.9	N.A.	0.3
FVH(80-90)	0.1	N.A.	0.0
BL (0-30)	262.6	N.A.	14.3
BM (30-60)	192.2	N.A.	10.5
BH (60-80)	4.9	N.A.	0.3
BVH(80-90)	0.1	N.A.	0.0
UL (90-100)	0.3	N.A.	0.0
UH (100-180)	919.5	N.A.	50.0
Total	1839.4	N.A.	100.0

BUG Rating B1-U4-G0



Isofootcandle diagram on wall Grid Spacing: 2 ft.



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

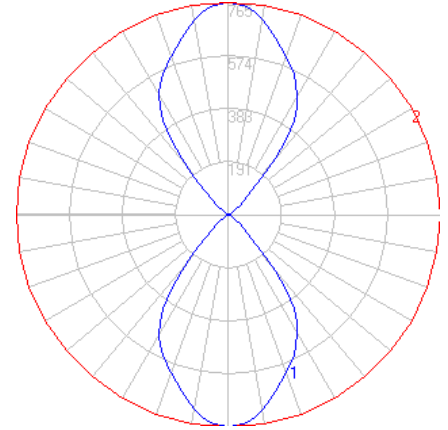
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2023

10/23/23

BEGA

File: 24480K3_BEGA_IES.ies

TEST: BE_24480K4
TEST LAB: BEGA
DATE: 02/18/2021
LUMINAIRE: 24 480K3
LAMP: 17.7W LED



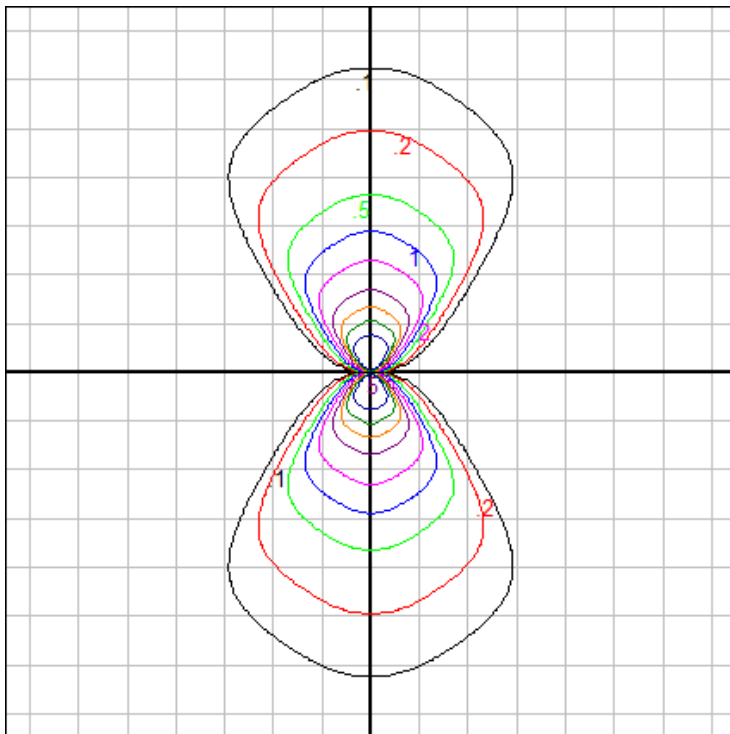
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1794
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	90
Total Luminaire Watts	20
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	765.188 (0H, 180V)
Max. Cd. (<90 Vert.)	765.188 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	.735 (0.0%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

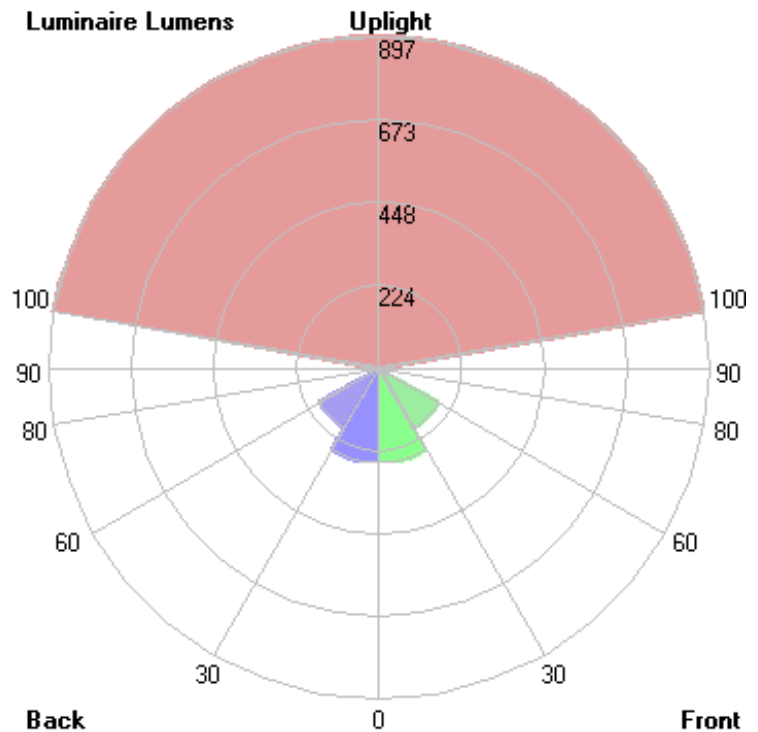
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	256.1	N.A.	14.3
FM (30-60)	187.5	N.A.	10.4
FH (60-80)	4.8	N.A.	0.3
FVH(80-90)	0.1	N.A.	0.0
BL (0-30)	256.1	N.A.	14.3
BM (30-60)	187.5	N.A.	10.4
BH (60-80)	4.8	N.A.	0.3
BVH(80-90)	0.1	N.A.	0.0
UL (90-100)	0.3	N.A.	0.0
UH (100-180)	896.9	N.A.	50.0
Total	1794.2	N.A.	100.0

BUG Rating B1-U4-G0



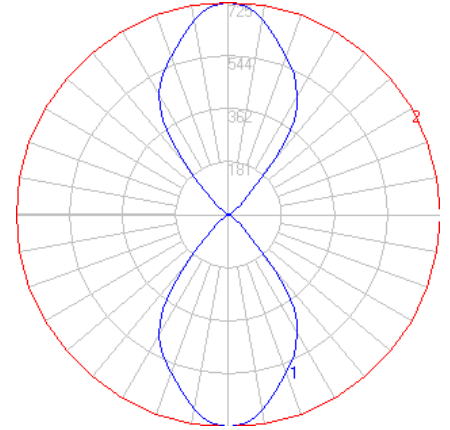
Isofootcandle diagram on wall | Grid Spacing: 2 ft.



BEGA

File: 24480K27_BEGA_IES.ies

TEST: BE_24480K4
TEST LAB: BEGA
DATE: 02/18/2021
LUMINAIRE: 24 480K27
LAMP: 17.7W LED



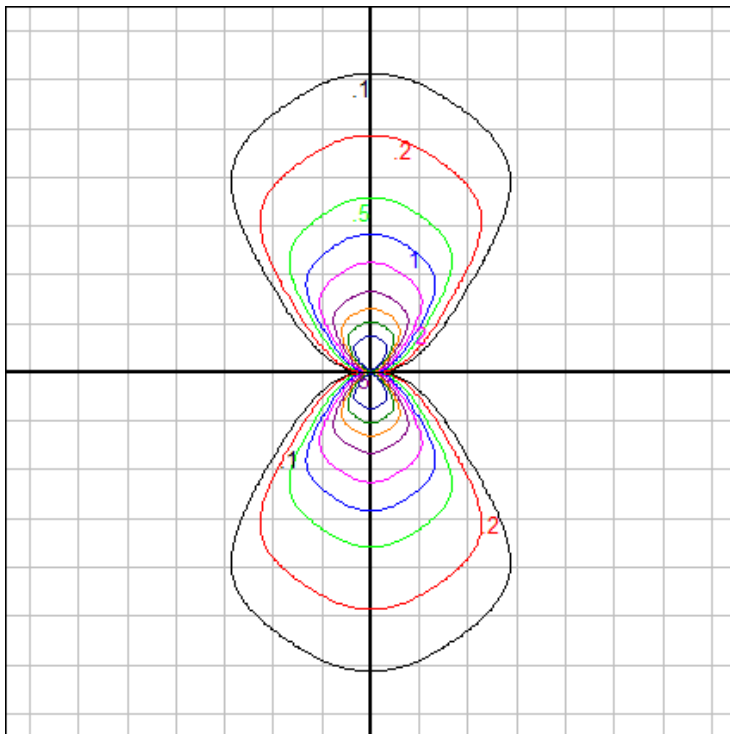
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1700
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	85
Total Luminaire Watts	20
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	724.875 (0H, 180V)
Max. Cd. (<90 Vert.)	724.875 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	.696 (0.0%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

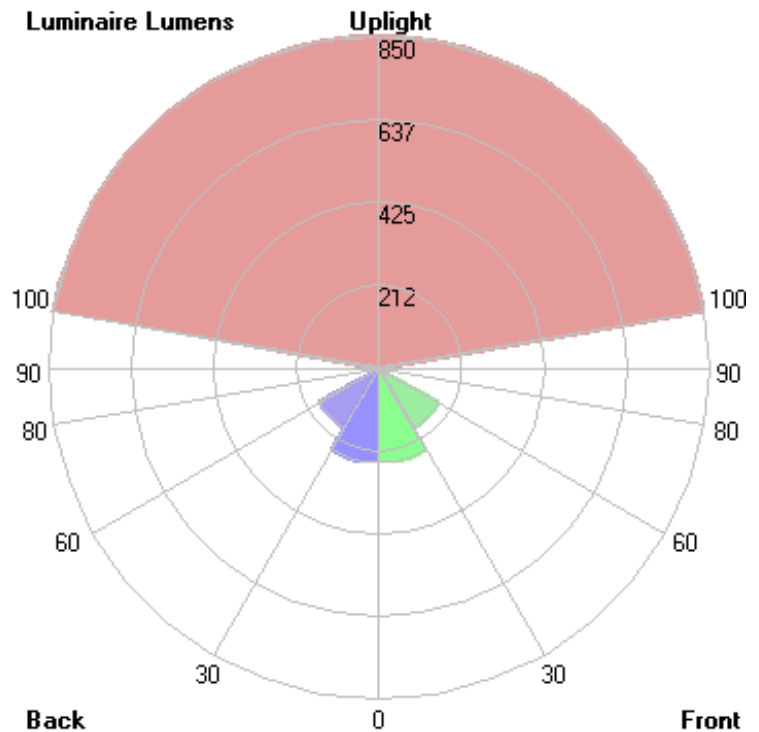
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	242.6	N.A.	14.3
FM (30-60)	177.6	N.A.	10.5
FH (60-80)	4.6	N.A.	0.3
FVH(80-90)	0.1	N.A.	0.0
BL (0-30)	242.6	N.A.	14.3
BM (30-60)	177.6	N.A.	10.5
BH (60-80)	4.6	N.A.	0.3
BVH(80-90)	0.1	N.A.	0.0
UL (90-100)	0.2	N.A.	0.0
UH (100-180)	849.6	N.A.	50.0
Total	1699.6	N.A.	100.0

BUG Rating B1-U4-G0



Isofootcandle diagram 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 2023

10/23/23