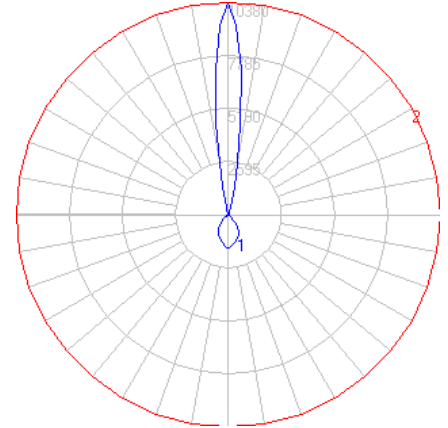


BEGA

File: 24621K4_BEGA_IES.ies

TEST: BE_24621K4
TEST LAB: BEGA
DATE: 02/15/2021
LUMINAIRE: 24 621K4
LAMP: 35.4W LED



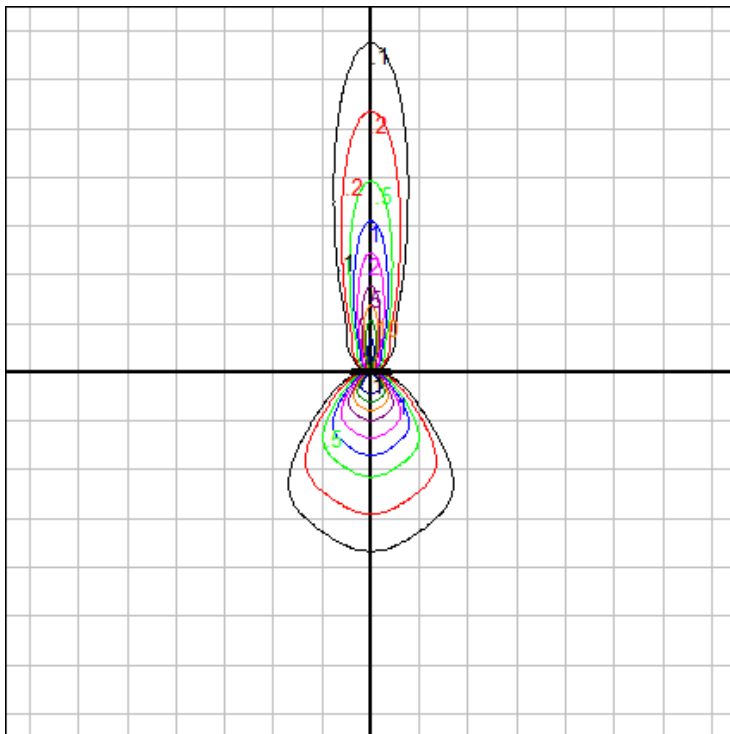
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2685
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	65
Total Luminaire Watts	41
Ballast Factor	1.00
Upward Waste Light Ratio	0.31
Max. Cd.	10380.453 (0H, 180V)
Max. Cd. (<90 Vert.)	1602.211 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	1.95 (0.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

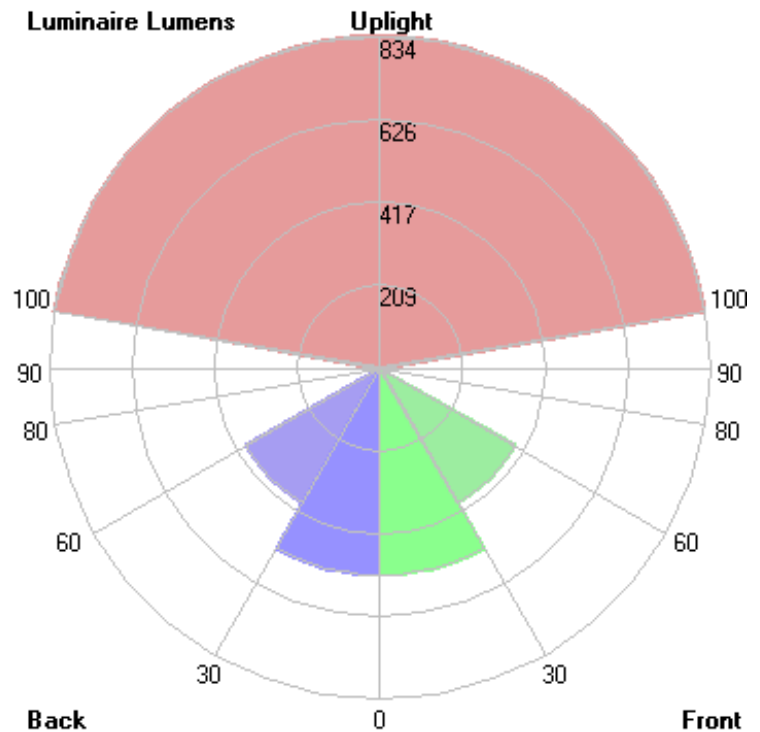
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	521.9	N.A.	19.4
FM (30-60)	392.0	N.A.	14.6
FH (60-80)	11.4	N.A.	0.4
FVH(80-90)	0.3	N.A.	0.0
BL (0-30)	521.9	N.A.	19.4
BM (30-60)	392.0	N.A.	14.6
BH (60-80)	11.4	N.A.	0.4
BVH(80-90)	0.3	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	834.0	N.A.	31.1
Total	2685.2	N.A.	100.0

BUG Rating B2-U4-G0



Isofootcandle grid on wall

Grid Spacing: 5 ft.



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

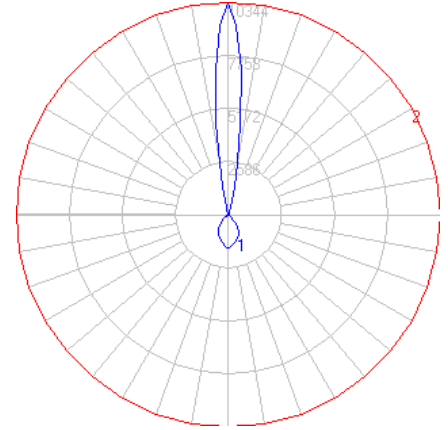
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File: 24621K35_BEGA_IES.ies

TEST: BE_24621K4
TEST LAB: BEGA
DATE: 02/15/2021
LUMINAIRE: 24 621K35
LAMP: 35.4W LED



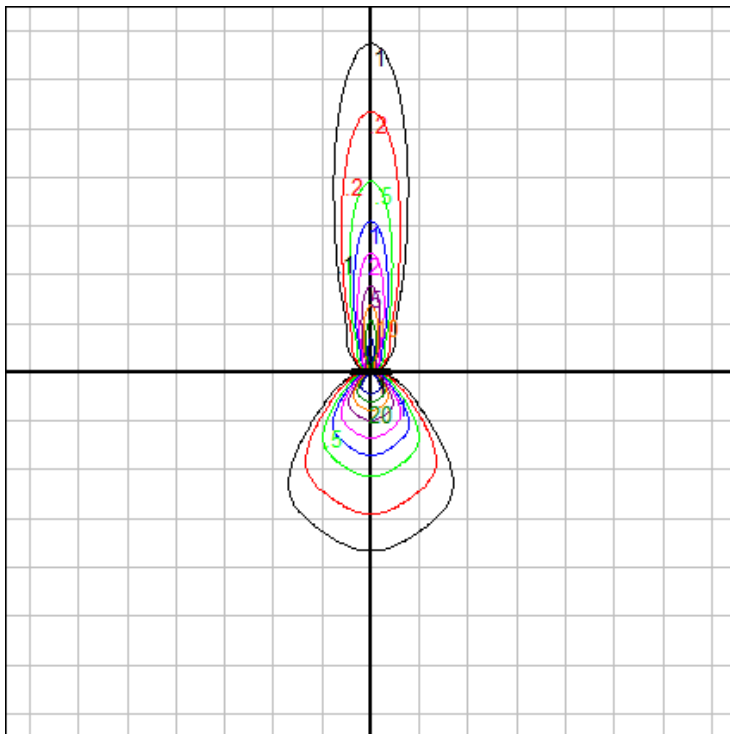
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2676
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	65
Total Luminaire Watts	41
Ballast Factor	1.00
Upward Waste Light Ratio	0.31
Max. Cd.	10343.73 (0H, 180V)
Max. Cd. (<90 Vert.)	1596.543 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	1.944 (0.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

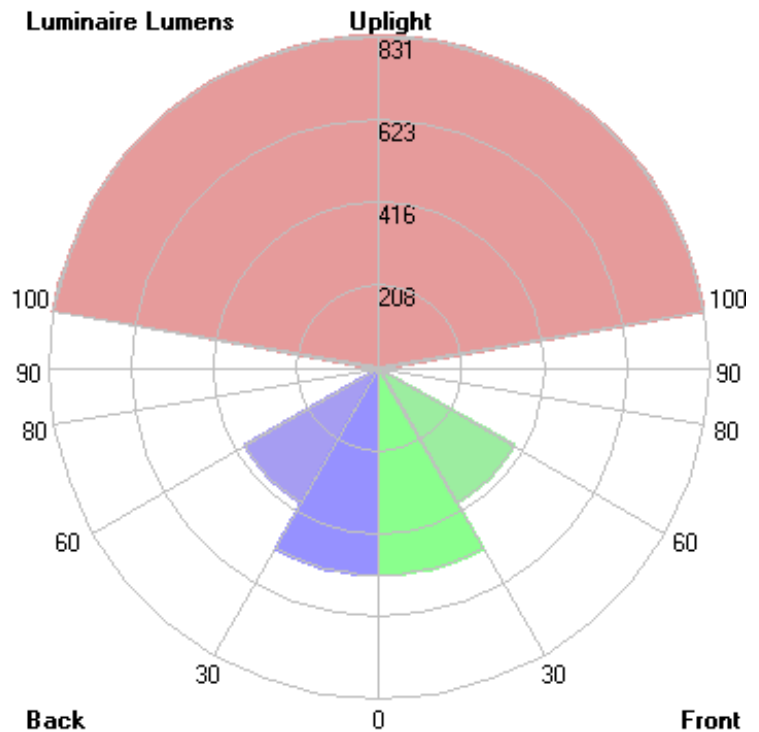
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	520.0	N.A.	19.4
FM (30-60)	390.6	N.A.	14.6
FH (60-80)	11.3	N.A.	0.4
FVH(80-90)	0.3	N.A.	0.0
BL (0-30)	520.0	N.A.	19.4
BM (30-60)	390.6	N.A.	14.6
BH (60-80)	11.3	N.A.	0.4
BVH(80-90)	0.3	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	831.1	N.A.	31.1
Total	2675.5	N.A.	100.0

BUG Rating B2-U4-G0



Isofootcandle grid on wall

Grid Spacing: 5 ft.



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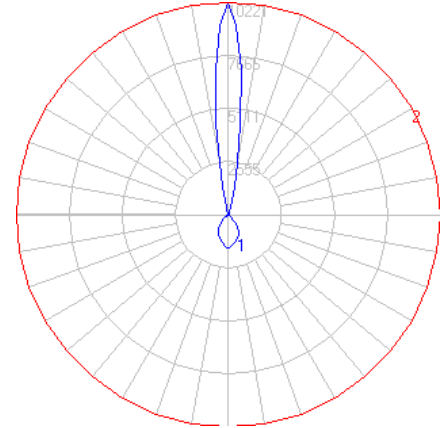
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File: 24621K3_BEGA_IES.ies

TEST: BE_24621K4
TEST LAB: BEGA
DATE: 02/15/2021
LUMINAIRE: 24 621K3
LAMP: 35.4W LED



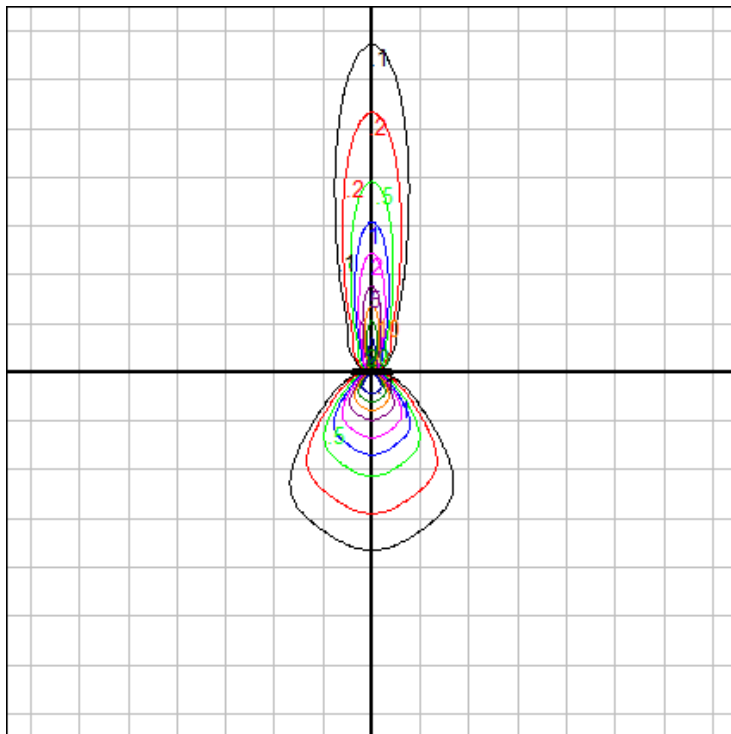
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2644
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	64
Total Luminaire Watts	41
Ballast Factor	1.00
Upward Waste Light Ratio	0.31
Max. Cd.	10221.318 (0H, 180V)
Max. Cd. (<90 Vert.)	1577.649 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	1.92 (0.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

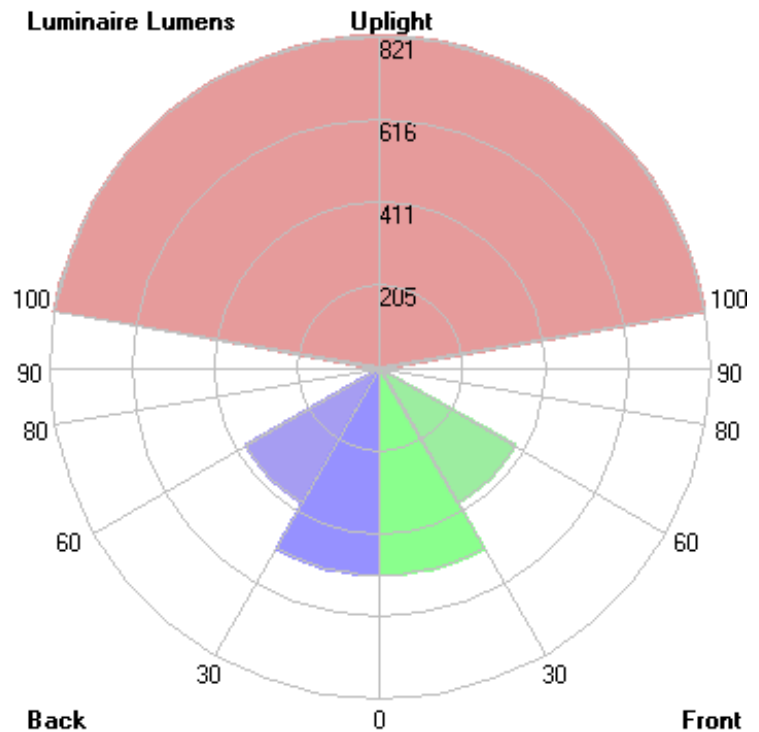
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	513.9	N.A.	19.4
FM (30-60)	385.9	N.A.	14.6
FH (60-80)	11.2	N.A.	0.4
FVH(80-90)	0.3	N.A.	0.0
BL (0-30)	513.9	N.A.	19.4
BM (30-60)	385.9	N.A.	14.6
BH (60-80)	11.2	N.A.	0.4
BVH(80-90)	0.3	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	821.3	N.A.	31.1
Total	2643.9	N.A.	100.0

BUG Rating B2-U4-G0



Isofootcandle grid on wall

Grid Spacing: 5 ft.



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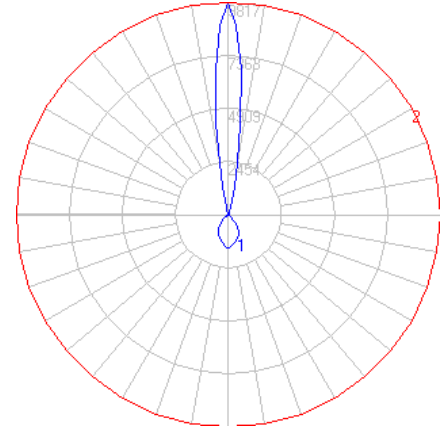
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File: 24621K27_BEGA_IES.ies

TEST: BE_24621K4
TEST LAB: BEGA
DATE: 02/15/2021
LUMINAIRE: 24 621K27
LAMP: 35.4W LED



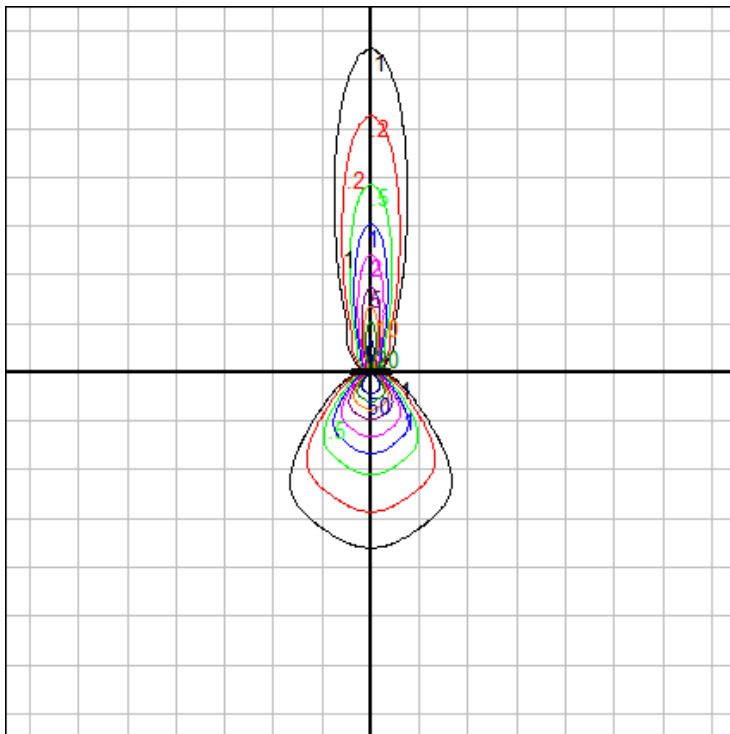
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2539
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	62
Total Luminaire Watts	41
Ballast Factor	1.00
Upward Waste Light Ratio	0.31
Max. Cd.	9817.362 (0H, 180V)
Max. Cd. (<90 Vert.)	1515.299 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	1.845 (0.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

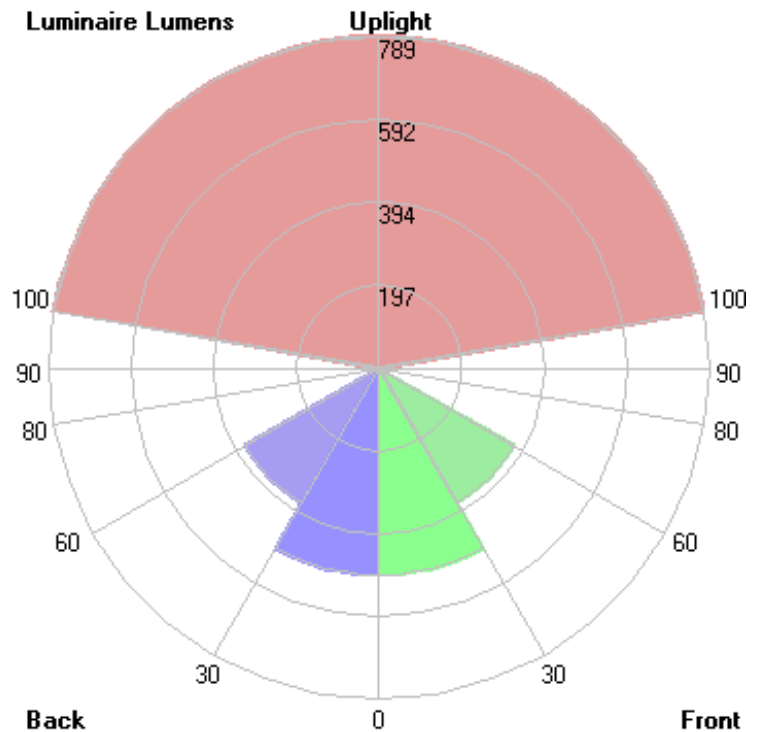
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	493.5	N.A.	19.4
FM (30-60)	370.7	N.A.	14.6
FH (60-80)	10.8	N.A.	0.4
FVH(80-90)	0.3	N.A.	0.0
BL (0-30)	493.5	N.A.	19.4
BM (30-60)	370.7	N.A.	14.6
BH (60-80)	10.8	N.A.	0.4
BVH(80-90)	0.3	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	788.8	N.A.	31.1
Total	2539.4	N.A.	100.0

BUG Rating B1-U4-G0



Isofootcandle grid on wall

Grid Spacing: 5 ft.



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