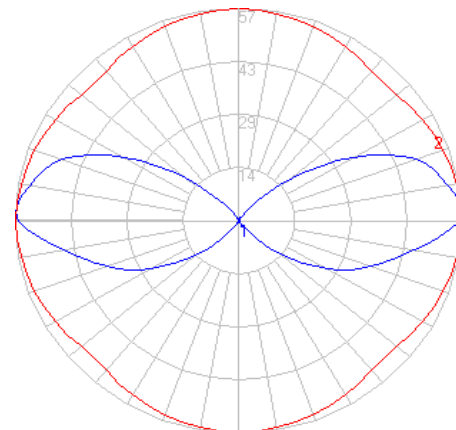


BEGA

File: 84323K4_BEGA_IES.ies

TEST: BE_84323K4
TEST LAB: BEGA
DATE: 03/22/2023
LUMINAIRE: 84 323K4
LAMP: 8.0W LED



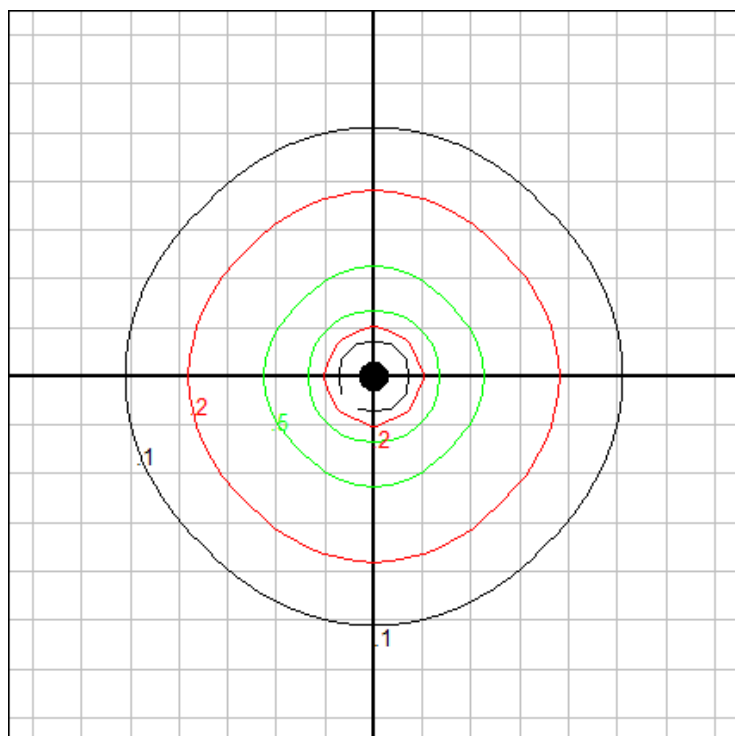
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	364
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	33
Total Luminaire Watts	11
Ballast Factor	1.00
Upward Waste Light Ratio	0.55
Max. Cd.	61.4 (90H, 92.5V)
Max. Cd. (<90 Vert.)	58.2 (90H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	60.6 (16.6%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	58.2 (16.0%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

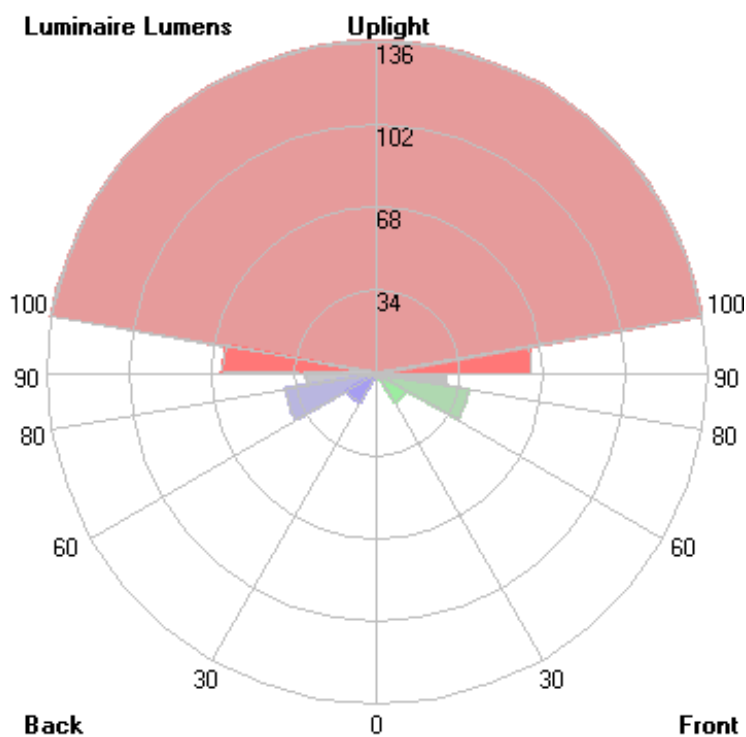
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	0.1	N.A.	0.1
FM (30-60)	14.3	N.A.	3.9
FH (60-80)	38.5	N.A.	10.6
FVH (80-90)	29.0	N.A.	8.0
BL (0-30)	0.2	N.A.	0.1
BM (30-60)	14.3	N.A.	3.9
BH (60-80)	38.5	N.A.	10.6
BVH (80-90)	29.0	N.A.	8.0
UL (90-100)	63.6	N.A.	17.5
UH (100-180)	136.3	N.A.	37.4
Total	363.9	N.A.	100.0

BUG Rating B0-U3-G1



Grid Spacing: 2 ft.



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

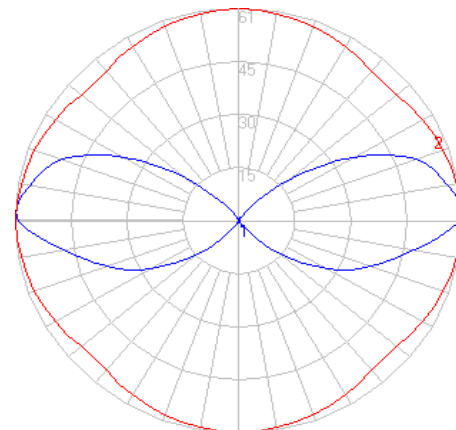
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BEGA

File: 84323K35_BEGA_IES.ies

TEST: BE_84323K4
TEST LAB: BEGA
DATE: 03/22/2023
LUMINAIRE: 84 323K35
LAMP: 8.0W LED



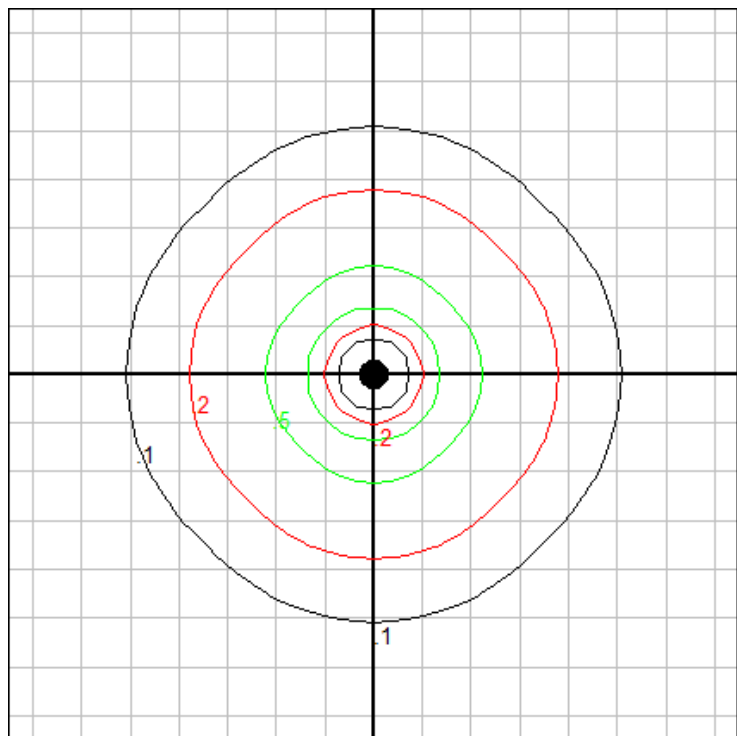
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	360
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	33
Total Luminaire Watts	11
Ballast Factor	1.00
Upward Waste Light Ratio	0.55
Max. Cd.	60.663 (360H, 90V)
Max. Cd. (<90 Vert.)	57.502 (360H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	59.873 (36.2%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	57.502 (35.2%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

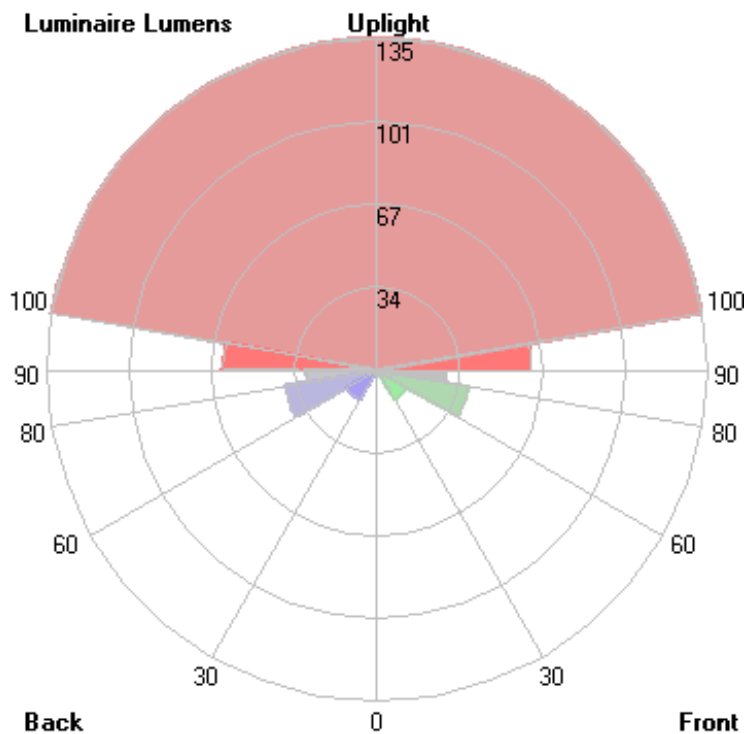
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	0.2	N.A.	0.1
FM (30-60)	14.2	N.A.	3.9
FH (60-80)	38.0	N.A.	10.6
FVH (80-90)	28.6	N.A.	8.0
BL (0-30)	0.2	N.A.	0.1
BM (30-60)	14.2	N.A.	3.9
BH (60-80)	38.0	N.A.	10.6
BVH (80-90)	28.6	N.A.	8.0
UL (90-100)	62.8	N.A.	17.5
UH (100-180)	134.6	N.A.	37.5
Total	359.4	N.A.	100.0

BUG Rating B0-U3-G1



Grid Spacing: 2 ft.



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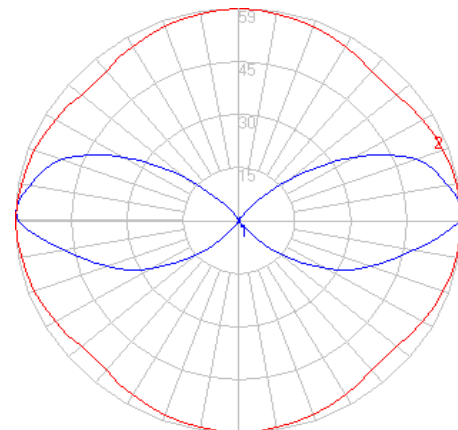
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BEGA

File: 84323K3_BEGA_IES.ies

TEST: BE_84323K4
TEST LAB: BEGA
DATE: 03/22/2023
LUMINAIRE: 84 323K3
LAMP: 8.0W LED



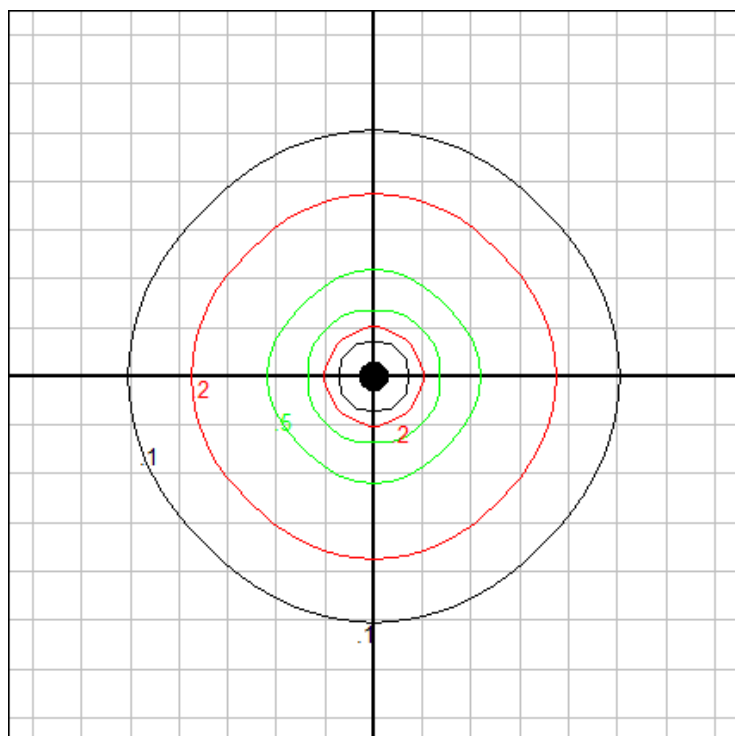
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	352
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	32
Total Luminaire Watts	11
Ballast Factor	1.00
Upward Waste Light Ratio	0.55
Max. Cd.	59.435 (360H, 90V)
Max. Cd. (<90 Vert.)	56.338 (360H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	58.661 (36.5%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	56.338 (35.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

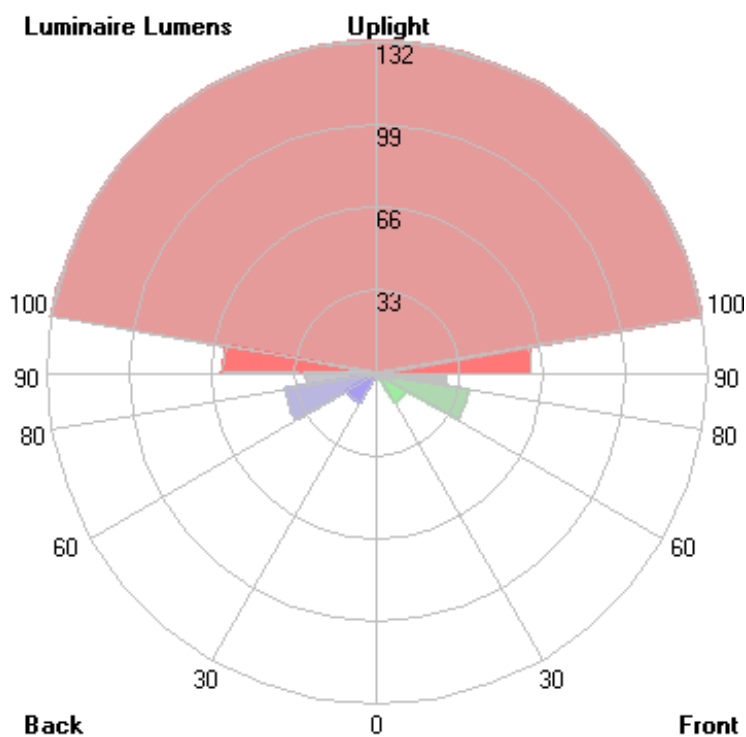
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	0.2	N.A.	0.1
FM (30-60)	13.9	N.A.	3.9
FH (60-80)	37.2	N.A.	10.6
FVH (80-90)	28.0	N.A.	8.0
BL (0-30)	0.2	N.A.	0.1
BM (30-60)	13.9	N.A.	3.9
BH (60-80)	37.2	N.A.	10.6
BVH (80-90)	28.0	N.A.	8.0
UL (90-100)	61.6	N.A.	17.5
UH (100-180)	131.9	N.A.	37.5
Total	352.1	N.A.	100.0

BUG Rating B0-U3-G1



Grid Spacing: 2 ft.



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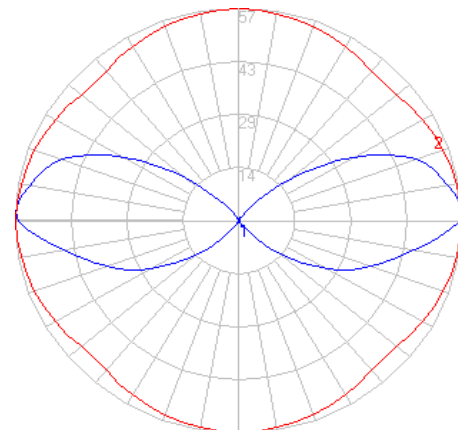
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BEGA

File: 84323K27_BEGA_IES.ies

TEST: BE_84323K4
TEST LAB: BEGA
DATE: 03/22/2023
LUMINAIRE: 84 323K27
LAMP: 8.0W LED



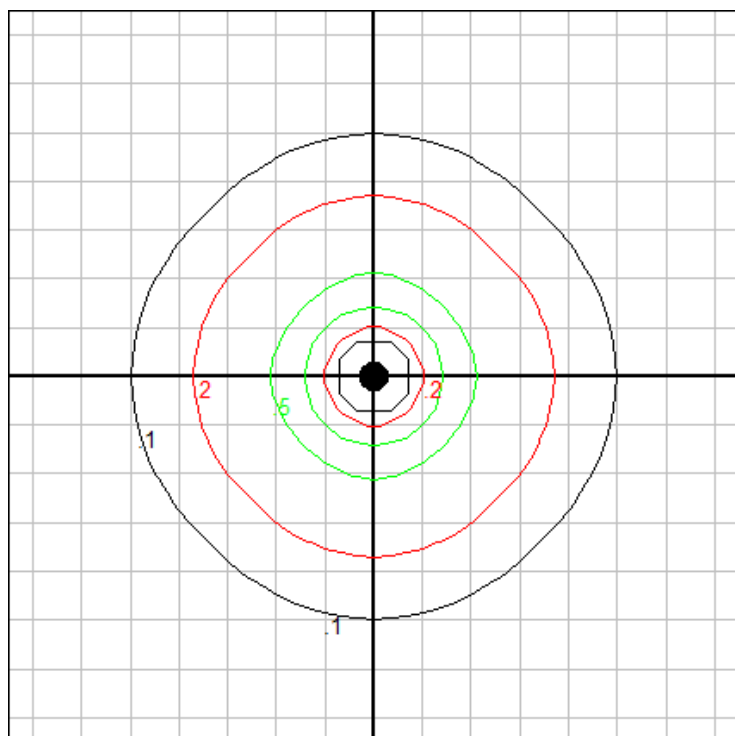
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	341
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	31
Total Luminaire Watts	11
Ballast Factor	1.00
Upward Waste Light Ratio	0.55
Max. Cd.	57.47 (360H, 92.5V)
Max. Cd. (<90 Vert.)	54.475 (360H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	56.722 (16.6%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	54.475 (16.0%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

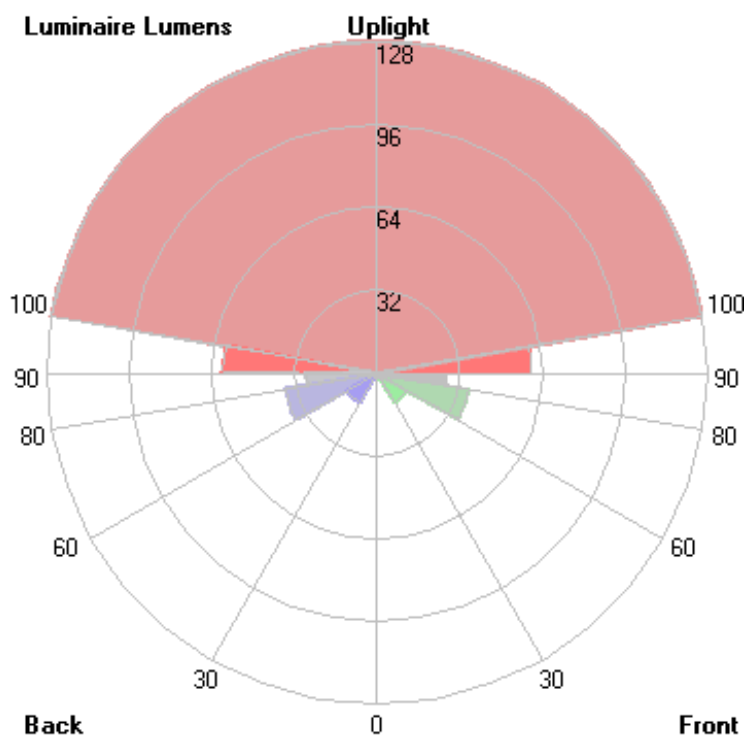
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	0.2	N.A.	0.1
FM (30-60)	13.4	N.A.	3.9
FH (60-80)	36.0	N.A.	10.6
FVH (80-90)	27.1	N.A.	8.0
BL (0-30)	0.2	N.A.	0.1
BM (30-60)	13.4	N.A.	3.9
BH (60-80)	36.0	N.A.	10.6
BVH (80-90)	27.1	N.A.	8.0
UL (90-100)	59.5	N.A.	17.5
UH (100-180)	127.5	N.A.	37.5
Total	340.4	N.A.	100.0

BUG Rating B0-U3-G1



Grid Spacing: 2 ft.



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