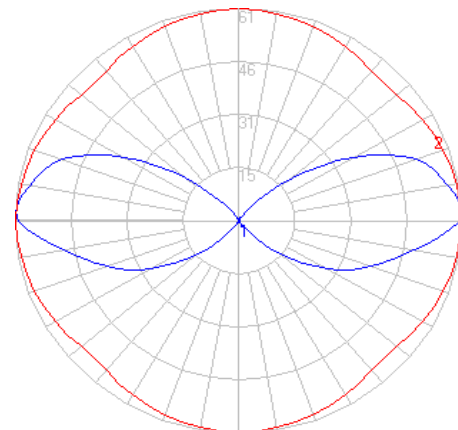


BEGA

File: 84430K4_BEGA_IES.ies

TEST: BE_84430K4
TEST LAB: BEGA
DATE: 03/22/2023
LUMINAIRE: 84 430K4
LAMP: 8.0W LED



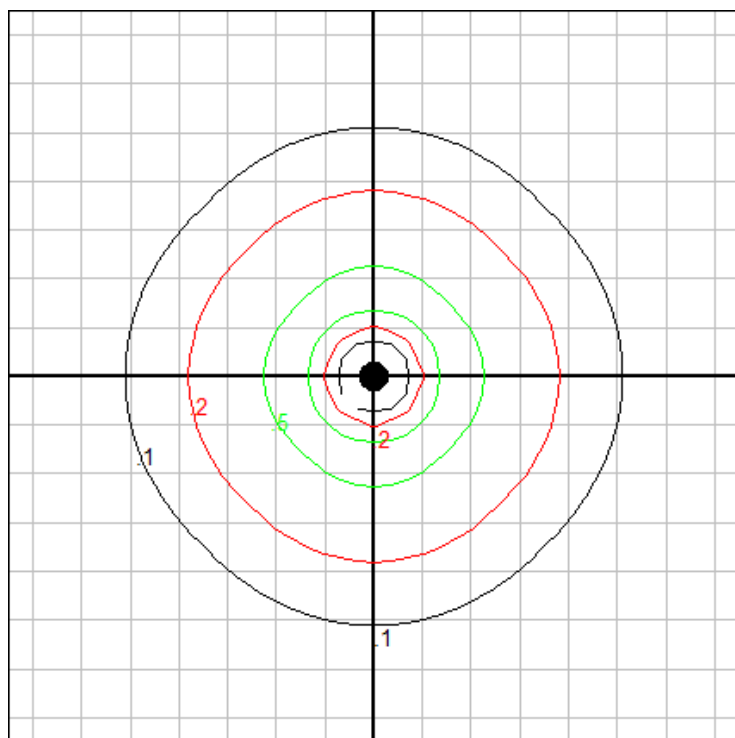
Characteristics

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)	36
Total Luminaire Watts	10
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)

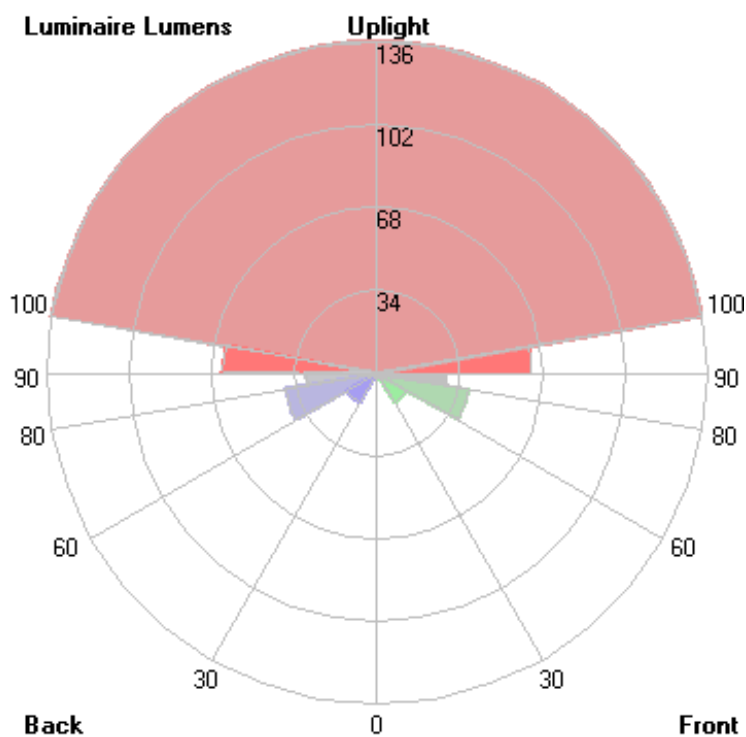
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	0.2	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.

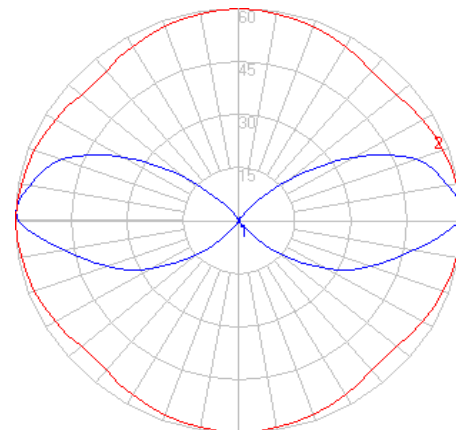
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BEGA

File: 84430K35_BEGA_IES.ies

TEST: BE_84430K4
TEST LAB: BEGA
DATE: 03/22/2023
LUMINAIRE: 84 430K35
LAMP: 8.0W LED



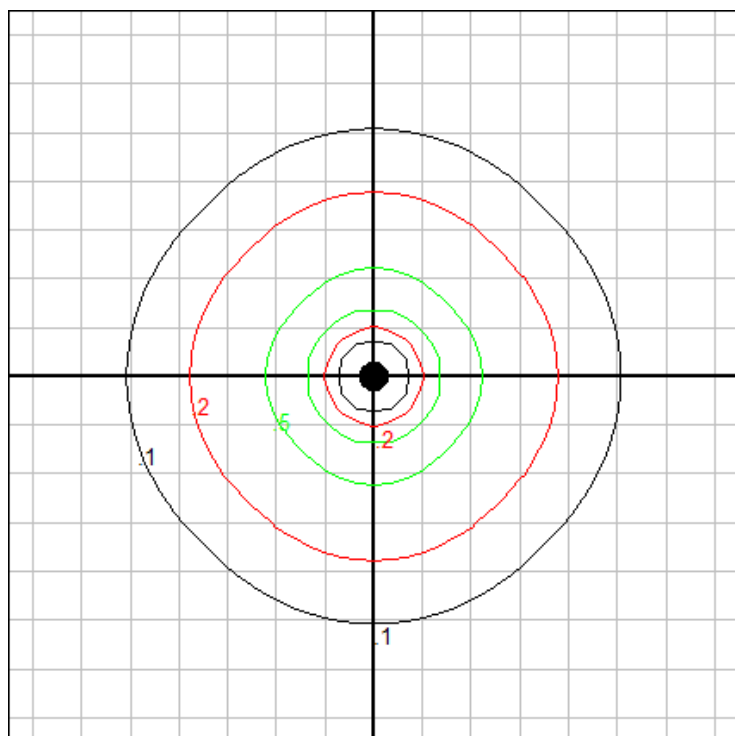
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	358
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	36
Total Luminaire Watts	10
Ballast Factor	1.00
Upward Waste Light Ratio	0.55
Max. Cd.	60.418 (90H, 92.5V)
Max. Cd. (<90 Vert.)	57.269 (90H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	59.63 (16.7%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	57.269 (16.0%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

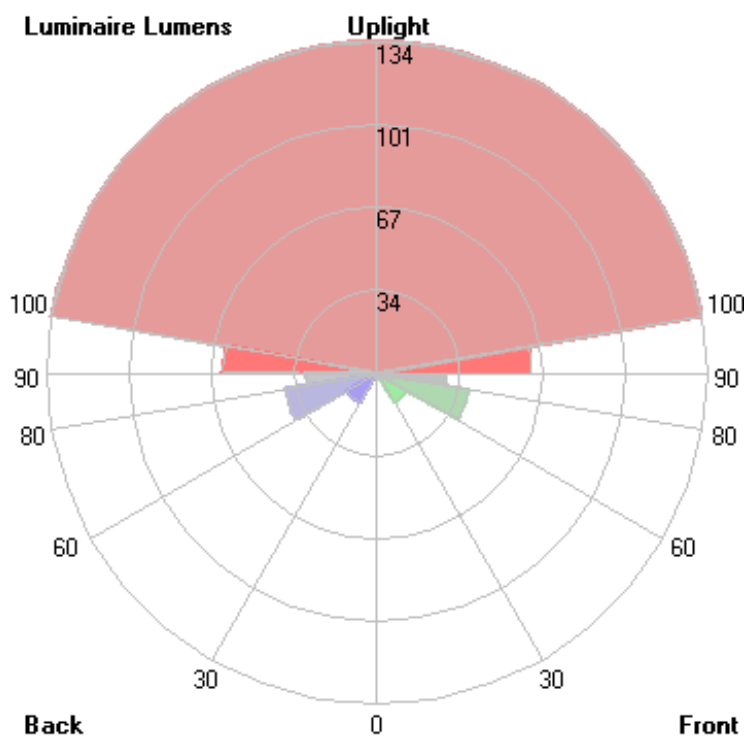
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	0.2	N.A.	0.1
FM (30-60)	14.1	N.A.	3.9
FH (60-80)	37.9	N.A.	10.6
FVH (80-90)	28.5	N.A.	8.0
BL (0-30)	0.2	N.A.	0.1
BM (30-60)	14.1	N.A.	3.9
BH (60-80)	37.9	N.A.	10.6
BVH (80-90)	28.5	N.A.	8.0
UL (90-100)	62.6	N.A.	17.5
UH (100-180)	134.1	N.A.	37.4
Total	358.1	N.A.	100.0

BUG Rating B0-U3-G1



Grid Spacing: 2 ft.



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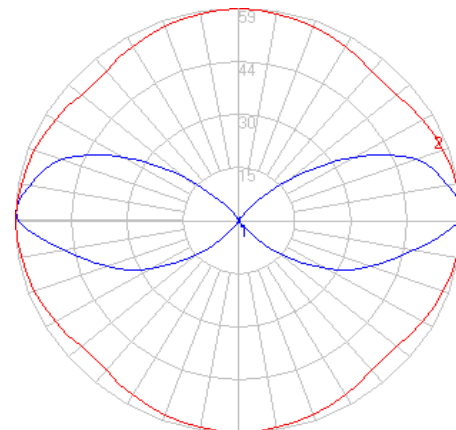
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BEGA

File: 84430K3_BEGA_IES.ies

TEST: BE_84430K4
TEST LAB: BEGA
DATE: 03/22/2023
LUMINAIRE: 84 430K3
LAMP: 8.0W LED



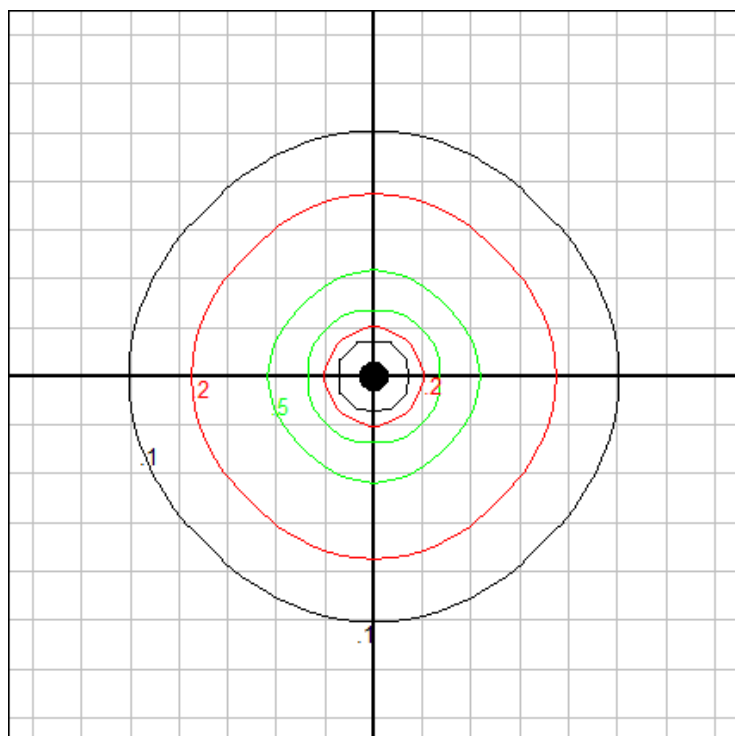
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	351
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	35
Total Luminaire Watts	10
Ballast Factor	1.00
Upward Waste Light Ratio	0.55
Max. Cd.	59.19 (90H, 92.5V)
Max. Cd. (<90 Vert.)	56.105 (90H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	58.418 (16.6%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	56.105 (16.0%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

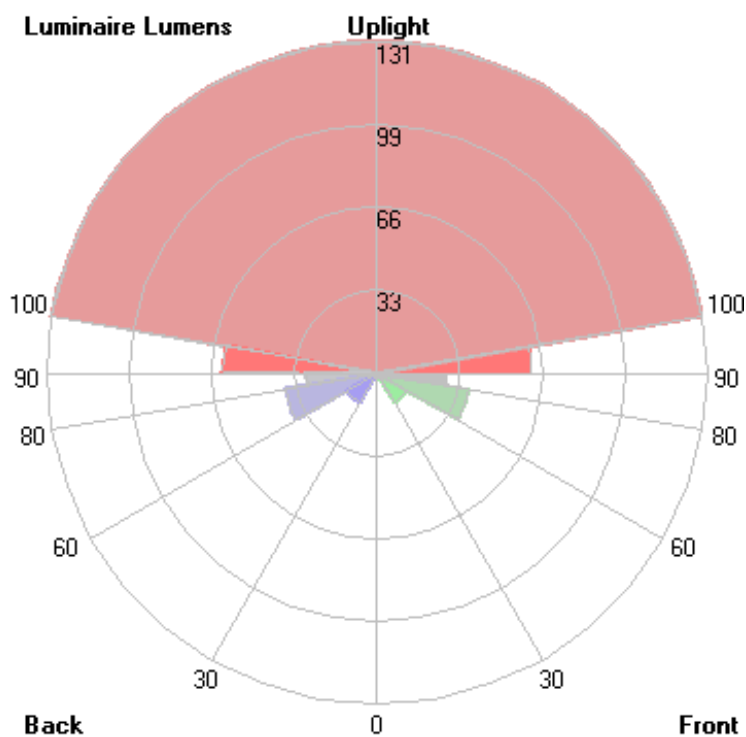
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	0.2	N.A.	0.1
FM (30-60)	13.8	N.A.	3.9
FH (60-80)	37.1	N.A.	10.6
FVH (80-90)	27.9	N.A.	8.0
BL (0-30)	0.2	N.A.	0.1
BM (30-60)	13.8	N.A.	3.9
BH (60-80)	37.1	N.A.	10.6
BVH (80-90)	27.9	N.A.	8.0
UL (90-100)	61.3	N.A.	17.5
UH (100-180)	131.3	N.A.	37.5
Total	350.6	N.A.	100.0

BUG Rating B0-U3-G1



Grid Spacing: 2 ft.



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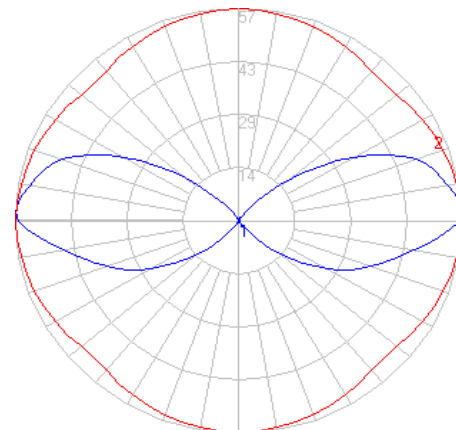
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BEGA

File: 84430K27_BEGA_IES.ies

TEST: BE_84430K4
TEST LAB: BEGA
DATE: 03/22/2023
LUMINAIRE: 84 430K27
LAMP: 8.0W LED



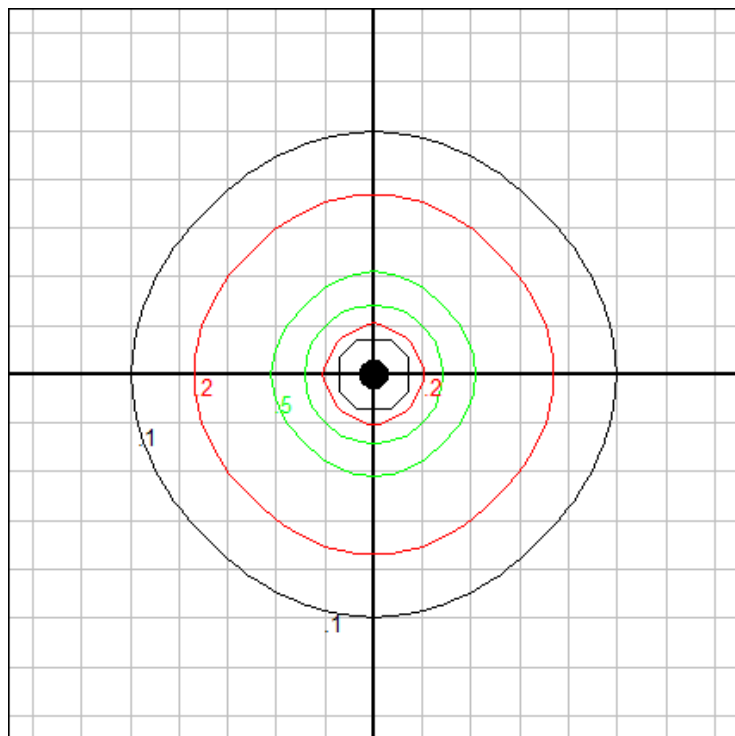
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	340
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	34
Total Luminaire Watts	10
Ballast Factor	1.00
Upward Waste Light Ratio	0.55
Max. Cd.	57.286 (90H, 92.5V)
Max. Cd. (<90 Vert.)	54.301 (90H, 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)

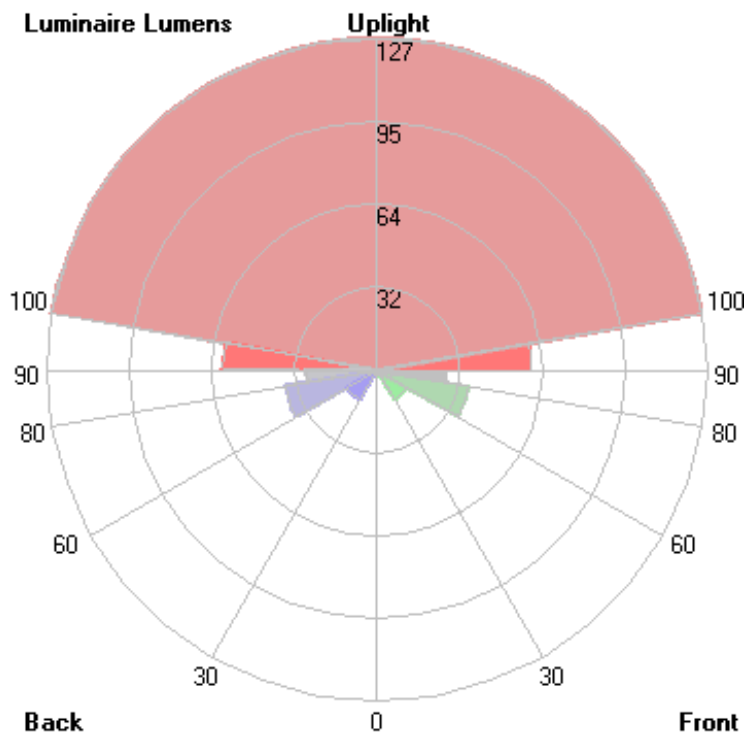
Lum. Classification System (LCS)

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)	35.9	N.A.	10.6
FVH (80-90)	27.0	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)	27.0	N.A.	8.0
UL (90-100)	59.3	N.A.	17.5
UH (100-180)	127.1	N.A.	37.5
Total	339.4	N.A.	100.0

BUG Rating B0-U3-G1



Grid Spacing: 2 ft.



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