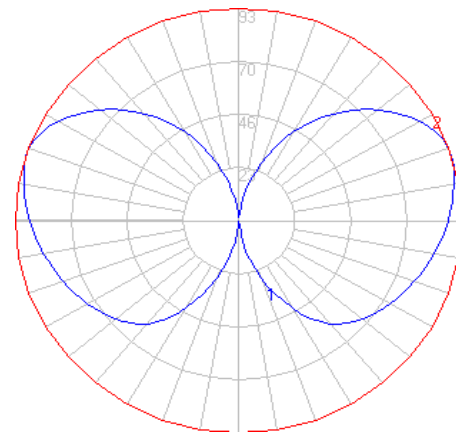


BEGA

File: 84418K4_BEGA_IES.ies

TEST: BE_84418K4
TEST LAB: BEGA
DATE: 03/22/2023
LUMINAIRE: 84 418K4
LAMP: 8.0W LED



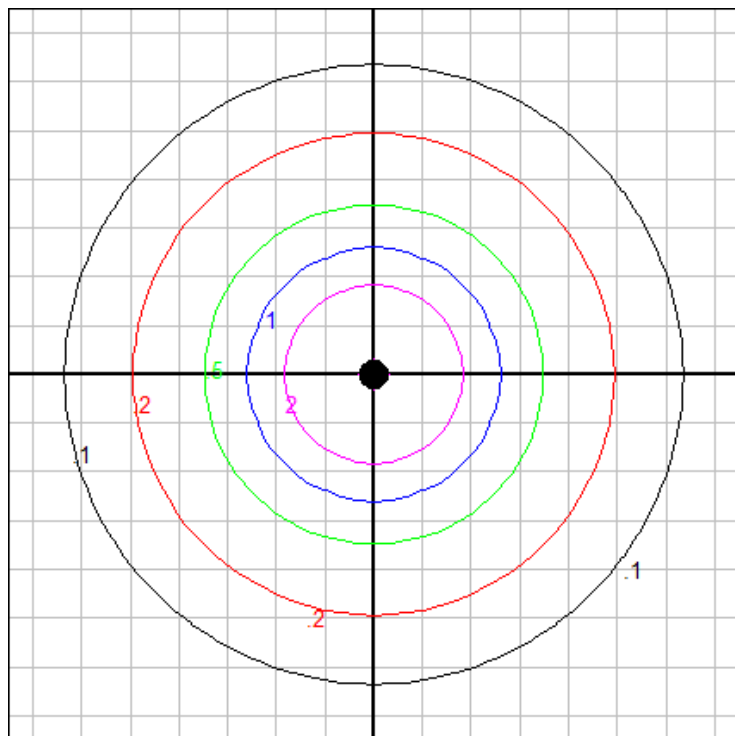
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	887
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	89
Total Luminaire Watts	10
Ballast Factor	1.00
Upward Waste Light Ratio	0.53
Max. Cd.	92.9 (0H, 110V)
Max. Cd. (<90 Vert.)	85.9 (0H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	87 (9.8%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	85.9 (9.7%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

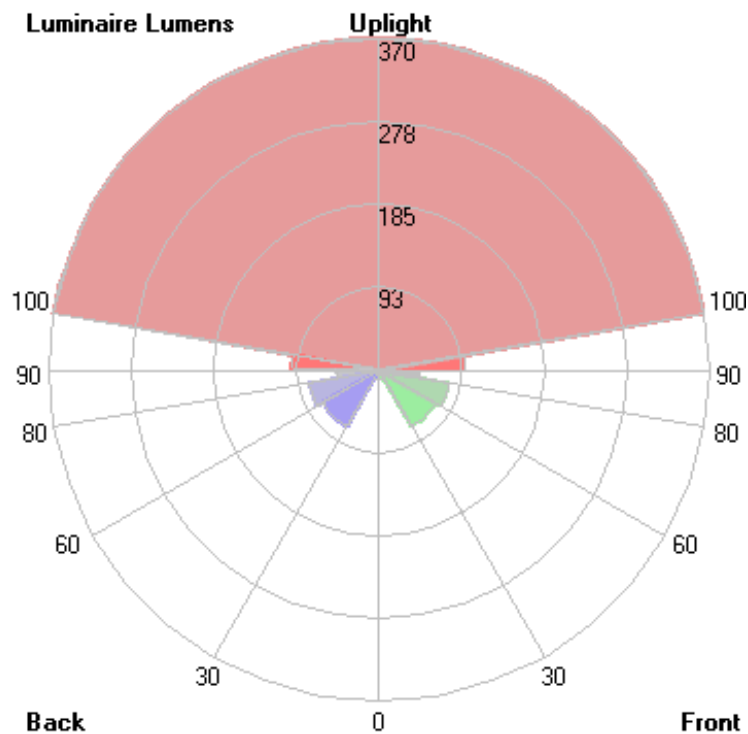
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	11.2	N.A.	1.3
FM (30-60)	72.4	N.A.	8.2
FH (60-80)	79.8	N.A.	9.0
FVH (80-90)	46.3	N.A.	5.2
BL (0-30)	11.2	N.A.	1.3
BM (30-60)	72.4	N.A.	8.2
BH (60-80)	79.8	N.A.	9.0
BVH (80-90)	46.3	N.A.	5.2
UL (90-100)	97.0	N.A.	10.9
UH (100-180)	370.2	N.A.	41.8
Total	886.6	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.

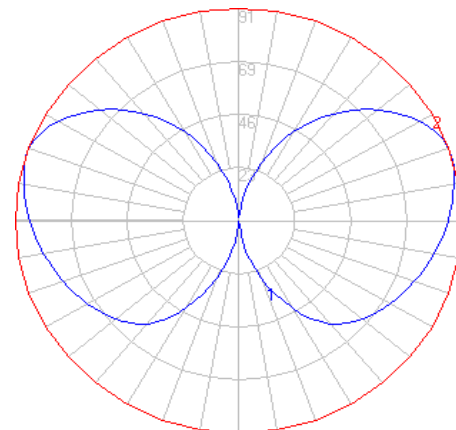
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File: 84418K35_BEGA_IES.ies

TEST: BE_84418K4
TEST LAB: BEGA
DATE: 03/22/2023
LUMINAIRE: 84 418K35
LAMP: 8.0W LED



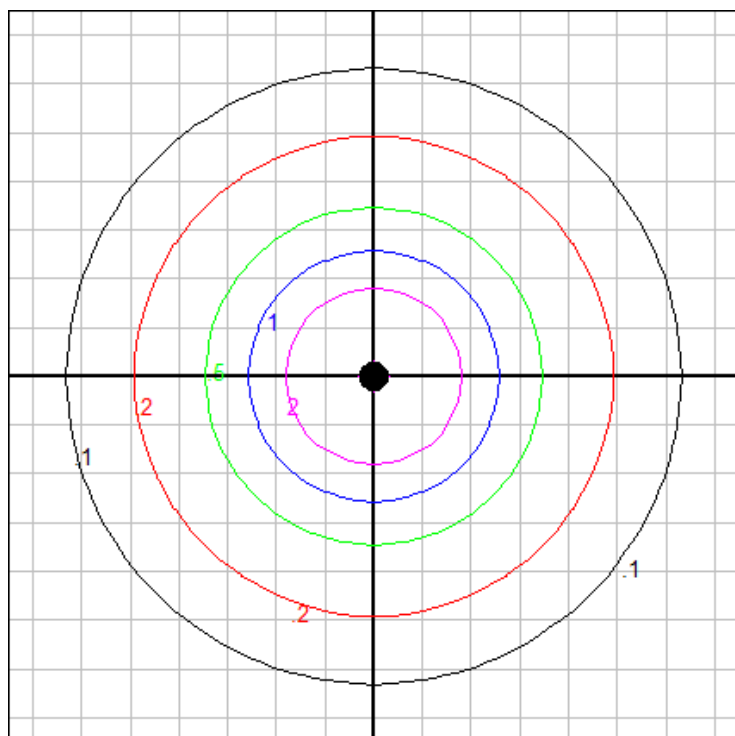
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	873
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	87
Total Luminaire Watts	10
Ballast Factor	1.00
Upward Waste Light Ratio	0.53
Max. Cd.	91.414 (0H, 110V)
Max. Cd. (<90 Vert.)	84.526 (0H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	85.608 (9.8%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	84.526 (9.7%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

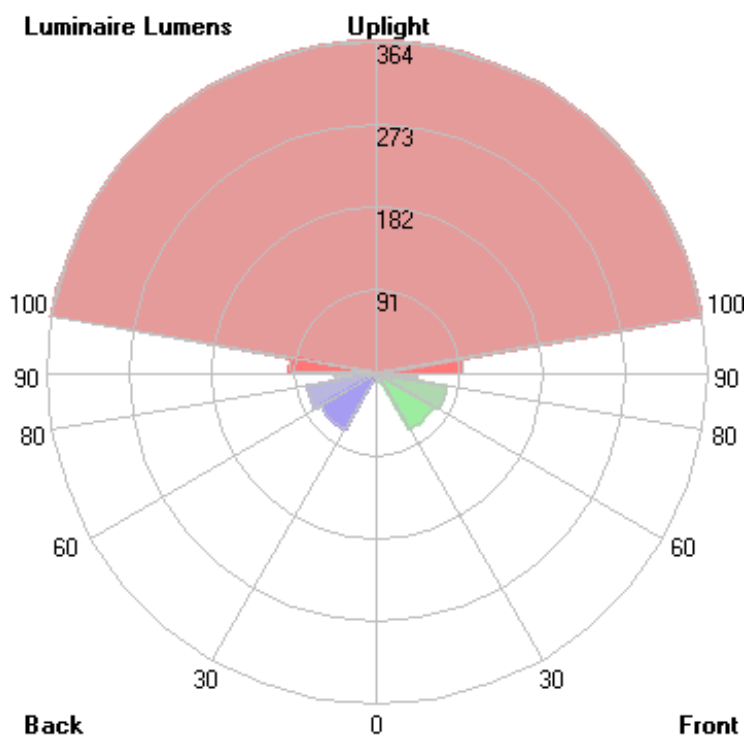
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	11.2	N.A.	1.3
FM (30-60)	71.3	N.A.	8.2
FH (60-80)	78.5	N.A.	9.0
FVH (80-90)	45.5	N.A.	5.2
BL (0-30)	11.1	N.A.	1.3
BM (30-60)	71.3	N.A.	8.2
BH (60-80)	78.5	N.A.	9.0
BVH (80-90)	45.5	N.A.	5.2
UL (90-100)	95.5	N.A.	10.9
UH (100-180)	364.3	N.A.	41.7
Total	872.6	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.

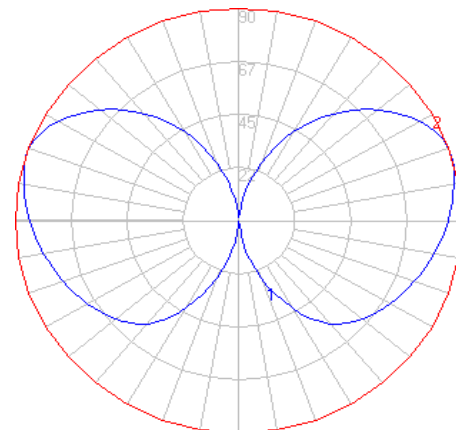
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File: 84418K3_BEGA_IES.ies

TEST: BE_84418K4
TEST LAB: BEGA
DATE: 03/22/2023
LUMINAIRE: 84 418K3
LAMP: 8.0W LED



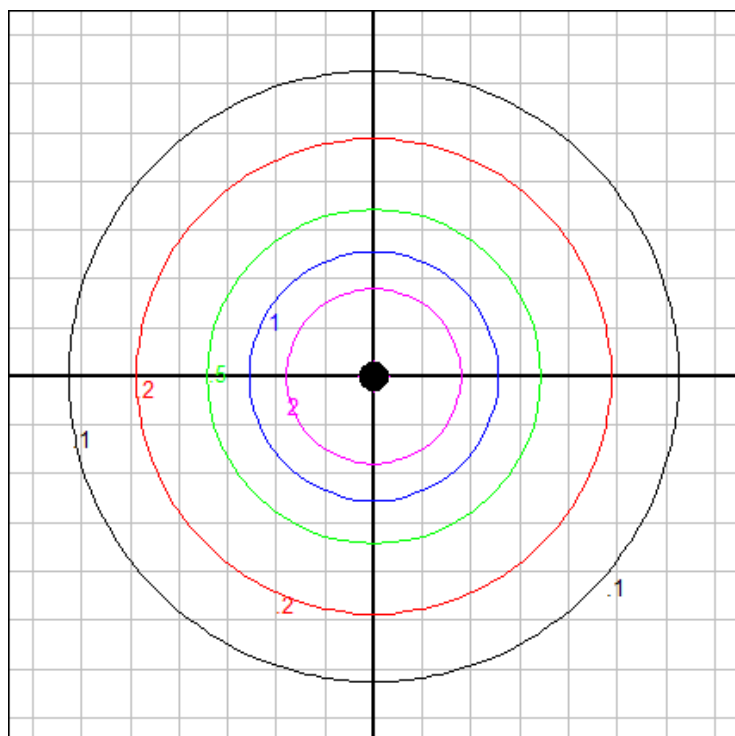
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	855
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	85
Total Luminaire Watts	10
Ballast Factor	1.00
Upward Waste Light Ratio	0.53
Max. Cd.	89.556 (0H, 110V)
Max. Cd. (<90 Vert.)	82.808 (0H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	83.868 (9.8%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	82.808 (9.7%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

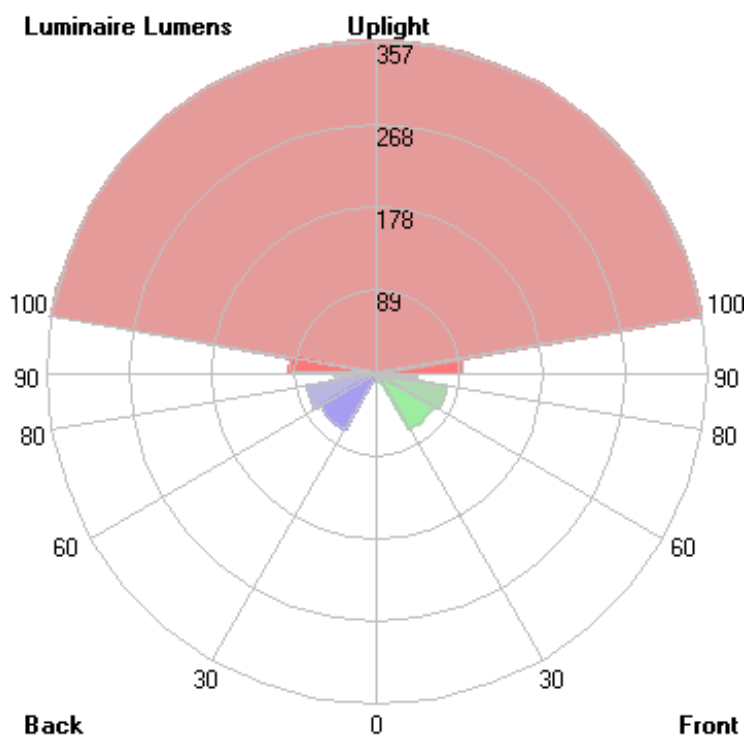
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	10.8	N.A.	1.3
FM (30-60)	69.8	N.A.	8.2
FH (60-80)	76.9	N.A.	9.0
FVH (80-90)	44.6	N.A.	5.2
BL (0-30)	10.8	N.A.	1.3
BM (30-60)	69.8	N.A.	8.2
BH (60-80)	76.9	N.A.	9.0
BVH (80-90)	44.6	N.A.	5.2
UL (90-100)	93.6	N.A.	10.9
UH (100-180)	356.9	N.A.	41.8
Total	854.7	N.A.	100.0

BUG Rating B0-U3-G1



Grid Spacing: 2 ft.



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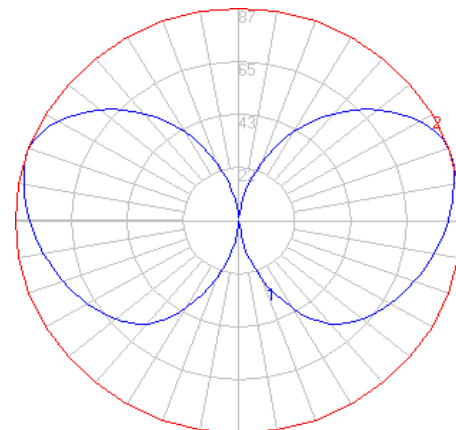
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File: 84418K27_BEGA_IES.ies

TEST: BE_84418K4
TEST LAB: BEGA
DATE: 03/22/2023
LUMINAIRE: 84 418K27
LAMP: 8.0W LED



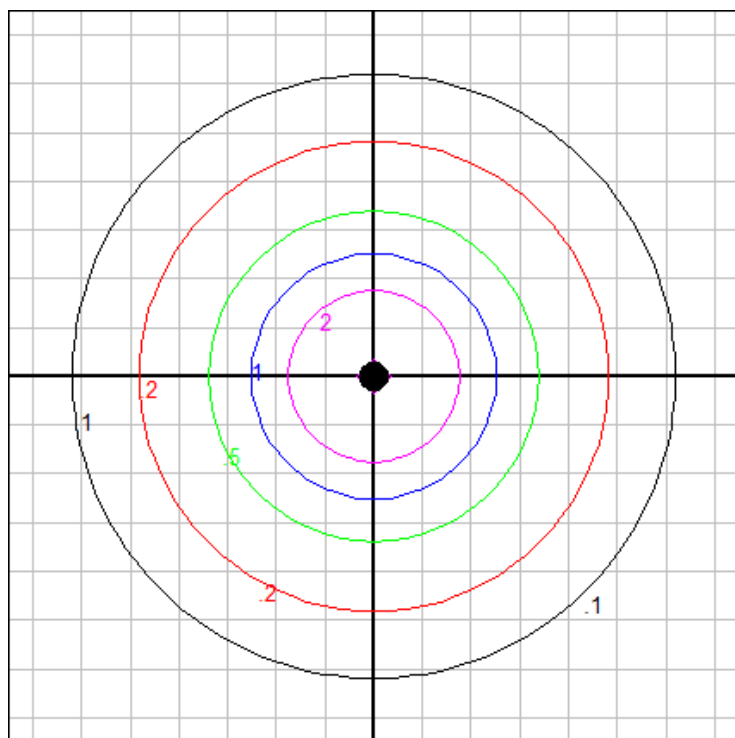
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	827
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	83
Total Luminaire Watts	10
Ballast Factor	1.00
Upward Waste Light Ratio	0.53
Max. Cd.	86.676 (0H, 110V)
Max. Cd. (<90 Vert.)	80.145 (0H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	81.171 (9.8%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	80.145 (9.7%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

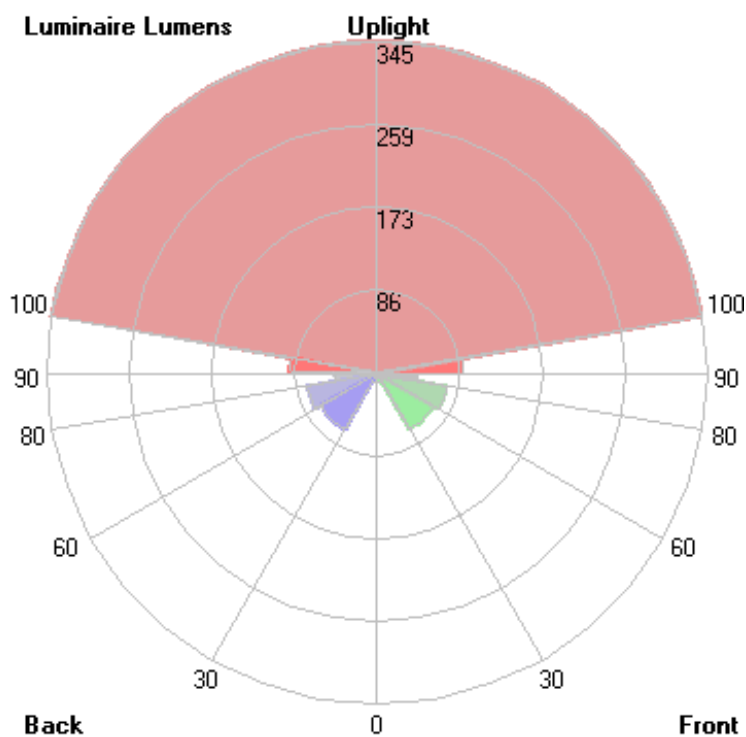
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	10.5	N.A.	1.3
FM (30-60)	67.6	N.A.	8.2
FH (60-80)	74.5	N.A.	9.0
FVH (80-90)	43.2	N.A.	5.2
BL (0-30)	10.5	N.A.	1.3
BM (30-60)	67.6	N.A.	8.2
BH (60-80)	74.5	N.A.	9.0
BVH (80-90)	43.2	N.A.	5.2
UL (90-100)	90.5	N.A.	10.9
UH (100-180)	345.4	N.A.	41.7
Total	827.5	N.A.	100.0

BUG Rating B0-U3-G1



Grid Spacing: 2 ft.



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