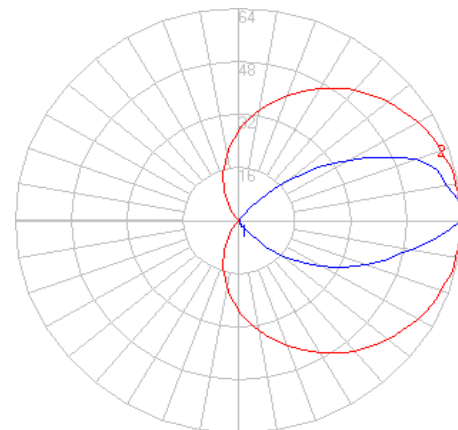


BEGA

File: 84317K4_BEGA_IES.ies

TEST: BE_84317K4
TEST LAB: BEGA
DATE: 03/22/2023
LUMINAIRE: 84 317K4
LAMP: 8.0W LED



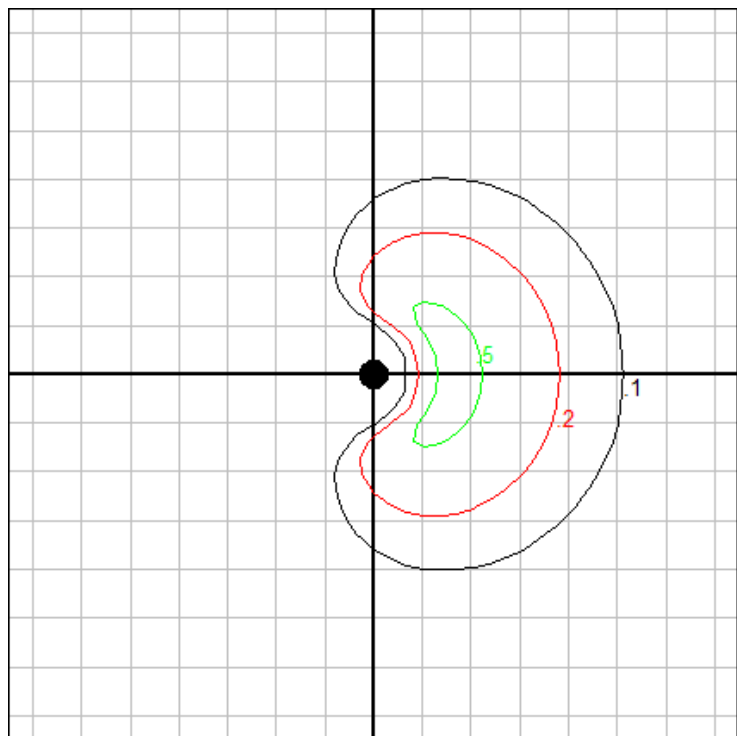
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	173
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	17
Total Luminaire Watts	10
Ballast Factor	1.00
Upward Waste Light Ratio	0.55
Max. Cd.	63.6 (360H, 92.5V)
Max. Cd. (<90 Vert.)	60.2 (360H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	62.8 (36.3%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	60.2 (34.8%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

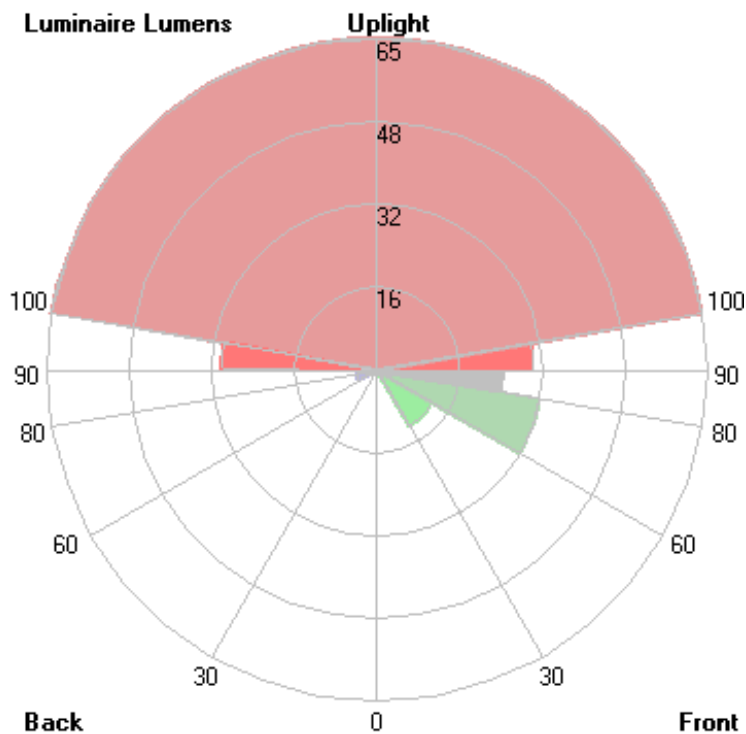
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	0.2	N.A.	0.1
FM (30-60)	12.6	N.A.	7.3
FH (60-80)	32.2	N.A.	18.6
FVH (80-90)	24.7	N.A.	14.3
BL (0-30)	< 0.05	N.A.	0.0
BM (30-60)	1.4	N.A.	0.8
BH (60-80)	4.0	N.A.	2.3
BVH (80-90)	3.0	N.A.	1.8
UL (90-100)	30.4	N.A.	17.6
UH (100-180)	64.5	N.A.	37.3
Total	173.0	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.

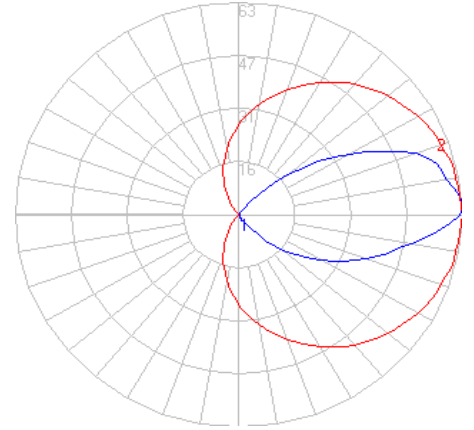
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BEGA

File: 84317K35_BEGA_IES.ies

TEST: BE_84317K4
TEST LAB: BEGA
DATE: 03/22/2023
LUMINAIRE: 84 317K35
LAMP: 8.0W LED



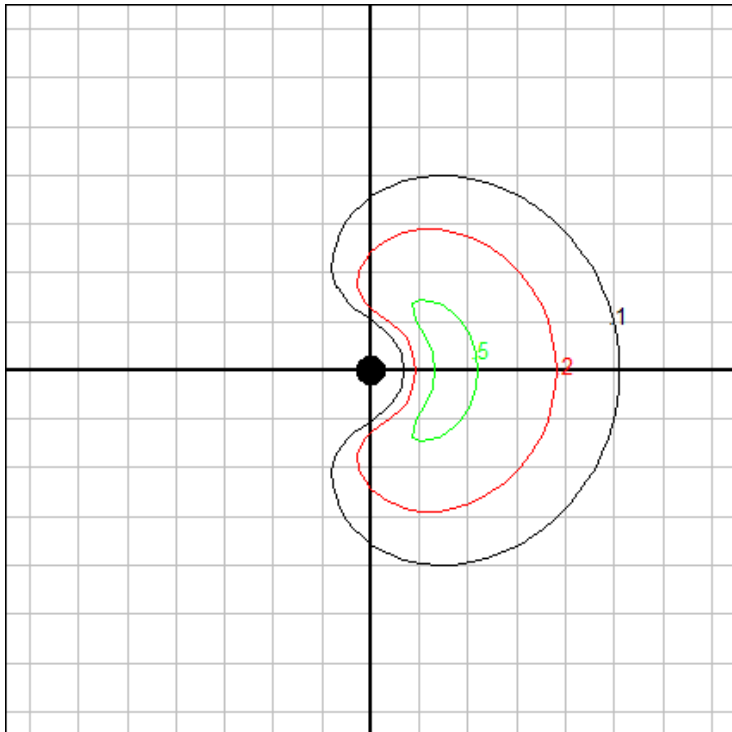
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	171
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	17
Total Luminaire Watts	10
Ballast Factor	1.00
Upward Waste Light Ratio	0.55
Max. Cd.	62.837 (360H, 92.5V)
Max. Cd. (<90 Vert.)	59.478 (360H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	62.046 (36.3%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	59.478 (34.8%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

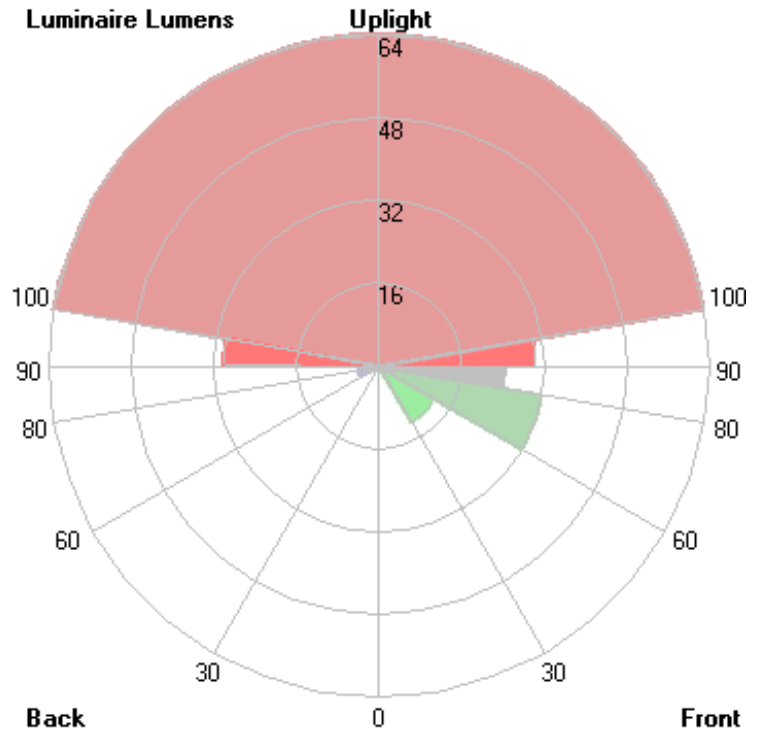
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	0.2	N.A.	0.1
FM (30-60)	12.4	N.A.	7.3
FH (60-80)	31.8	N.A.	18.6
FVH (80-90)	24.4	N.A.	14.2
BL (0-30)	< 0.05	N.A.	0.0
BM (30-60)	1.4	N.A.	0.8
BH (60-80)	4.0	N.A.	2.3
BVH (80-90)	3.0	N.A.	1.8
UL (90-100)	30.0	N.A.	17.6
UH (100-180)	63.8	N.A.	37.3
Total	171.0	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.

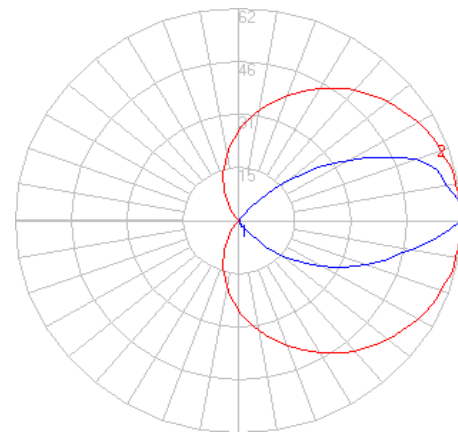
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BEGA

File: 84317K3_BEGA_IES.ies

TEST: BE_84317K4
TEST LAB: BEGA
DATE: 03/22/2023
LUMINAIRE: 84 317K3
LAMP: 8.0W LED



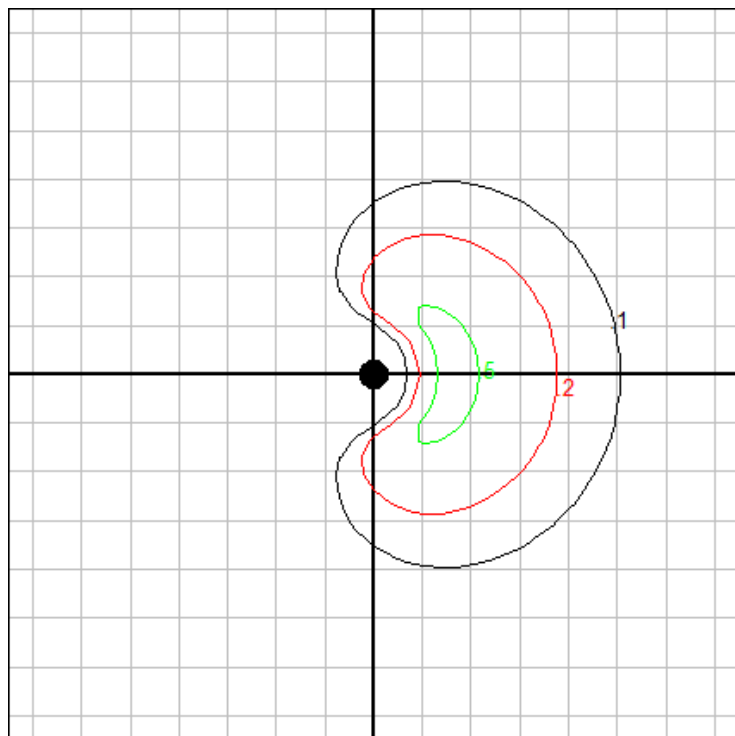
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	168
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	17
Total Luminaire Watts	10
Ballast Factor	1.00
Upward Waste Light Ratio	0.55
Max. Cd.	61.565 (360H, 92.5V)
Max. Cd. (<90 Vert.)	58.274 (360H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	60.79 (36.2%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	58.274 (34.7%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

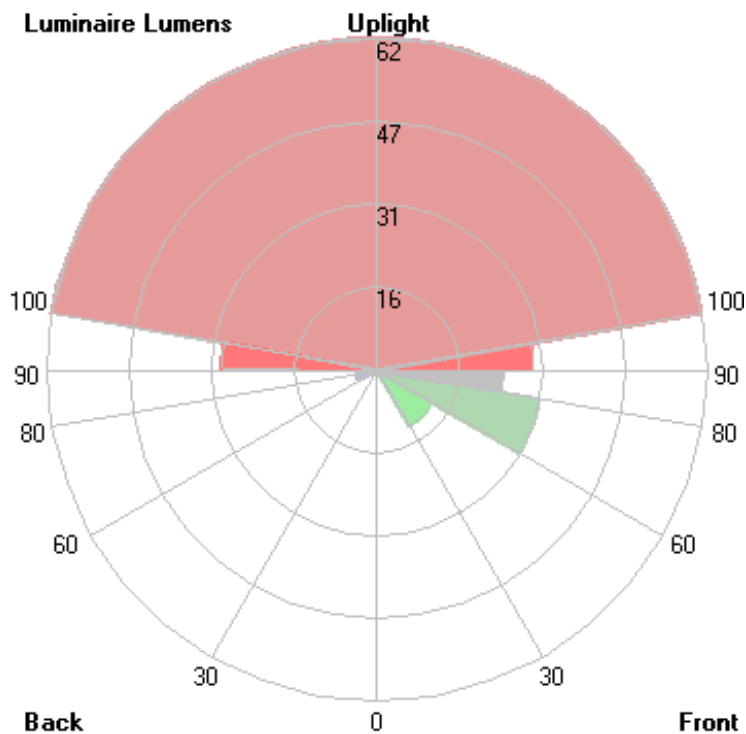
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	0.2	N.A.	0.1
FM (30-60)	12.2	N.A.	7.3
FH (60-80)	31.2	N.A.	18.6
FVH (80-90)	23.9	N.A.	14.2
BL (0-30)	< 0.05	N.A.	0.0
BM (30-60)	1.3	N.A.	0.8
BH (60-80)	3.9	N.A.	2.3
BVH (80-90)	2.9	N.A.	1.8
UL (90-100)	29.4	N.A.	17.6
UH (100-180)	62.5	N.A.	37.3
Total	167.5	N.A.	100.0

BUG Rating B0-U3-G1



Grid Spacing: 2 ft.



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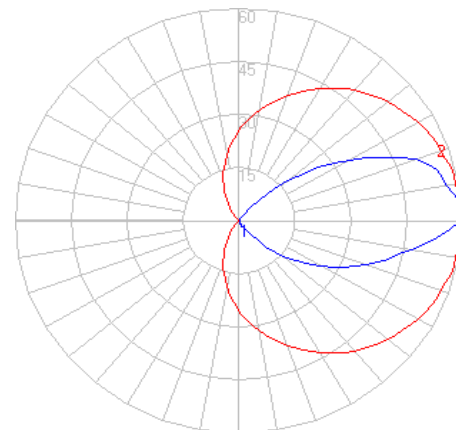
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BEGA

File: 84317K27_BEGA_IES.ies

TEST: BE_84317K4
TEST LAB: BEGA
DATE: 03/22/2023
LUMINAIRE: 84 317K27
LAMP: 8.0W LED



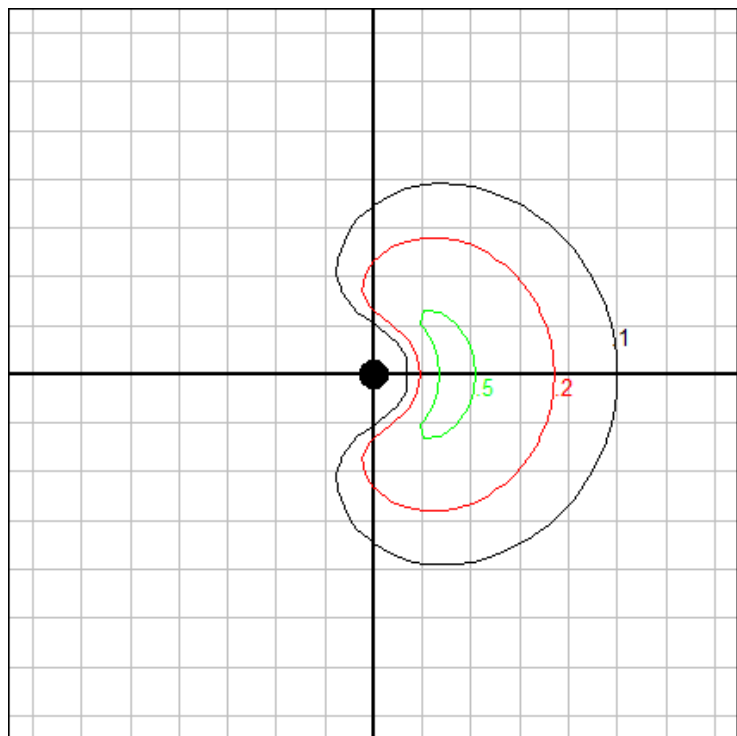
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	162
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	16
Total Luminaire Watts	10
Ballast Factor	1.00
Upward Waste Light Ratio	0.55
Max. Cd.	59.593 (360H, 92.5V)
Max. Cd. (<90 Vert.)	56.407 (360H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	58.844 (36.3%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	56.407 (34.8%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

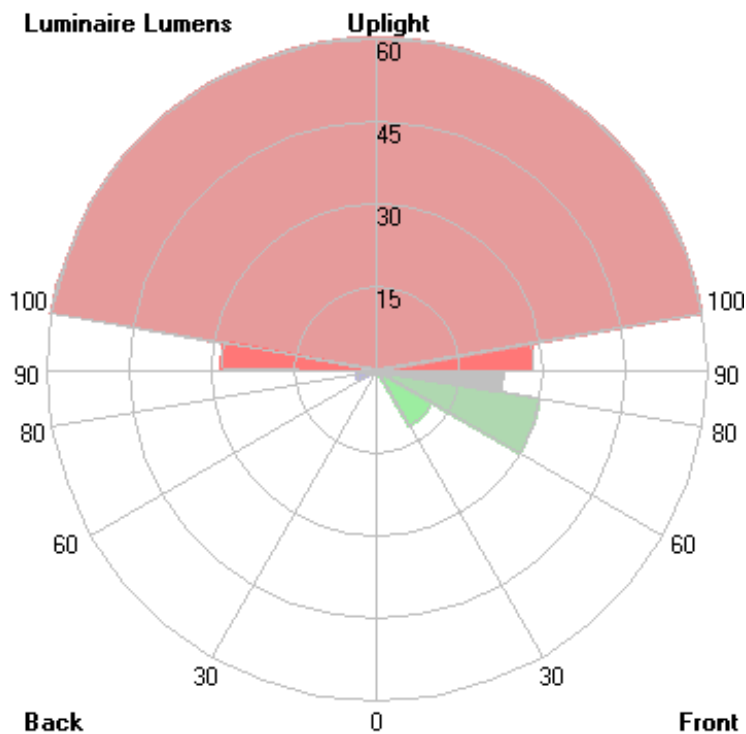
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	0.1	N.A.	0.1
FM (30-60)	11.8	N.A.	7.3
FH (60-80)	30.2	N.A.	18.6
FVH (80-90)	23.2	N.A.	14.2
BL (0-30)	< 0.05	N.A.	0.0
BM (30-60)	1.3	N.A.	0.8
BH (60-80)	3.8	N.A.	2.3
BVH (80-90)	2.8	N.A.	1.8
UL (90-100)	28.5	N.A.	17.6
UH (100-180)	60.2	N.A.	37.3
Total	162.2	N.A.	100.0

BUG Rating B0-U3-G1



Grid Spacing: 2 ft.



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