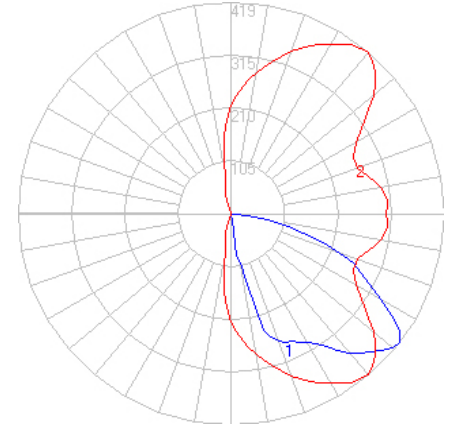


BEGA

File: 84749K4_BEGA_IES.ies

TEST: 84749K4
TEST LAB: BEGA
DATE: 09/26/2022
LUMINAIRE: 84749K4
LAMP: 5.8W LED



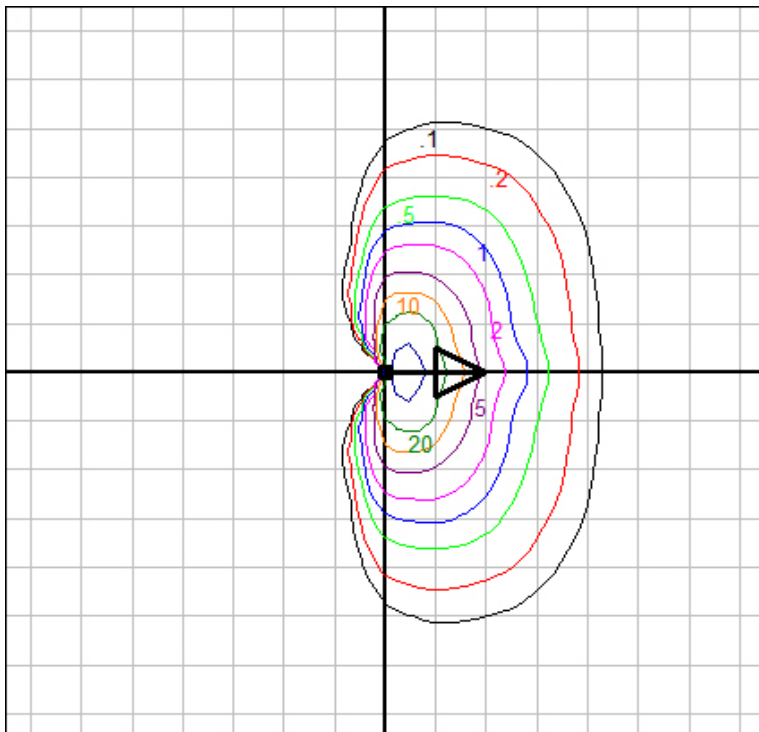
Characteristics

IES Classification	Type III
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	697
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	77
Total Luminaire Watts	9
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	419.4 (140H, 52.5V)
Max. Cd. (<90 Vert.)	419.4 (140H, 52.5V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	85.9 (12.3%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

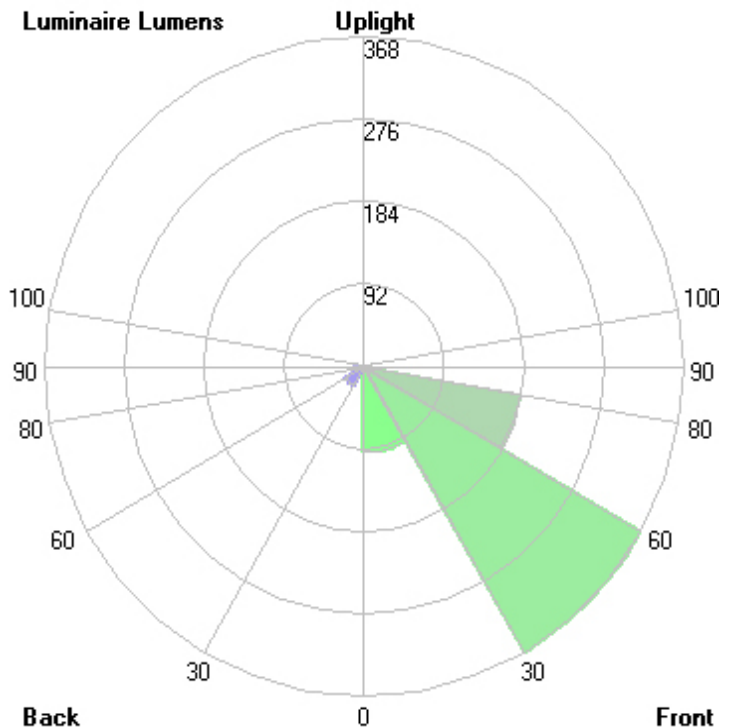
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	95.4	N.A.	13.7
FM (30-60)	367.6	N.A.	52.7
FH (60-80)	182.3	N.A.	26.1
FVH (80-90)	7.8	N.A.	1.1
BL (0-30)	5.4	N.A.	0.8
BM (30-60)	24.9	N.A.	3.6
BH (60-80)	13.2	N.A.	1.9
BVH (80-90)	0.4	N.A.	0.1
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	697.0	N.A.	100.0

BUG Rating B0-U0-G0



Grid Spacing: 2 ft.



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

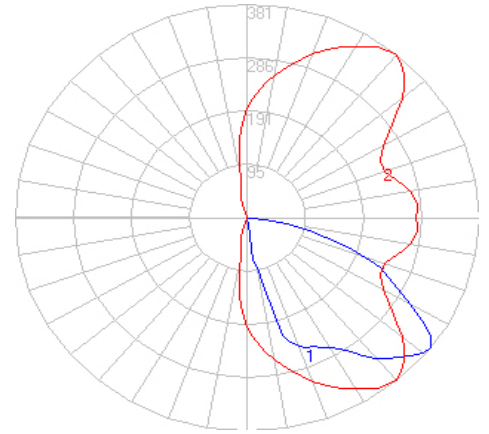
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BEGA

File: 84749K35_BEGA_IES.ies

TEST: 84749K4
TEST LAB: BEGA
DATE: 09/26/2022
LUMINAIRE: 84749K35
LAMP: 5.8W LED



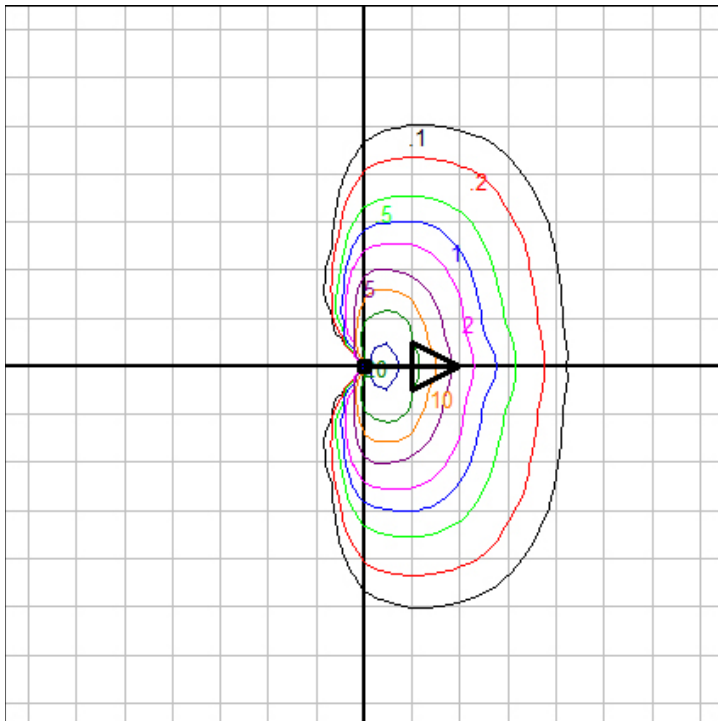
Characteristics

IES Classification	Type III
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	633
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	70
Total Luminaire Watts	9
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	381.235 (310H, 52.5V)
Max. Cd. (<90 Vert.)	381.235 (310H, 52.5V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	78.083 (12.3%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

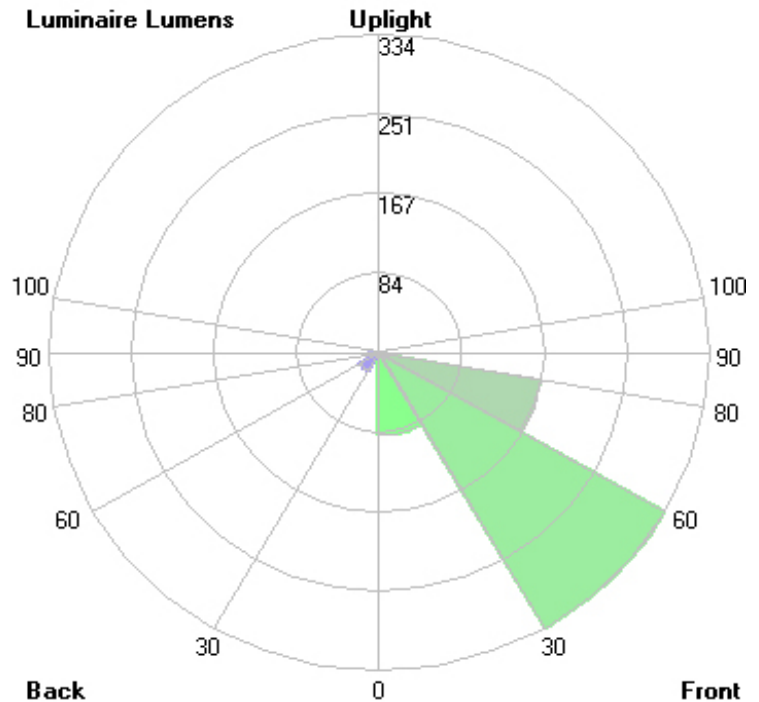
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	86.7	N.A.	13.7
FM (30-60)	334.1	N.A.	52.7
FH (60-80)	165.7	N.A.	26.2
FVH (80-90)	7.0	N.A.	1.1
BL (0-30)	4.9	N.A.	0.8
BM (30-60)	22.6	N.A.	3.6
BH (60-80)	12.0	N.A.	1.9
BVH (80-90)	0.4	N.A.	0.1
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	633.4	N.A.	100.0

BUG Rating B0-U0-G0



Grid Spacing: 2 ft.



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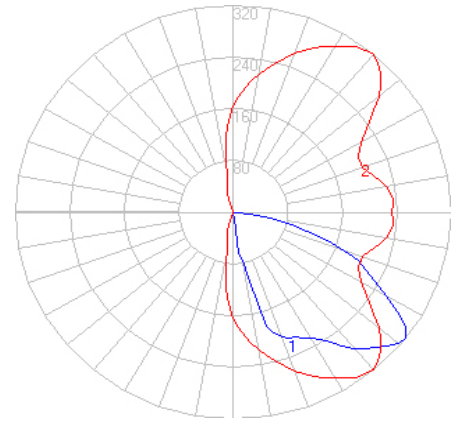
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BEGA

File: 84749K27_BEGA_IES.ies

TEST: 84749K4
TEST LAB: BEGA
DATE: 09/26/2022
LUMINAIRE: 84749K27
LAMP: 5.8W LED



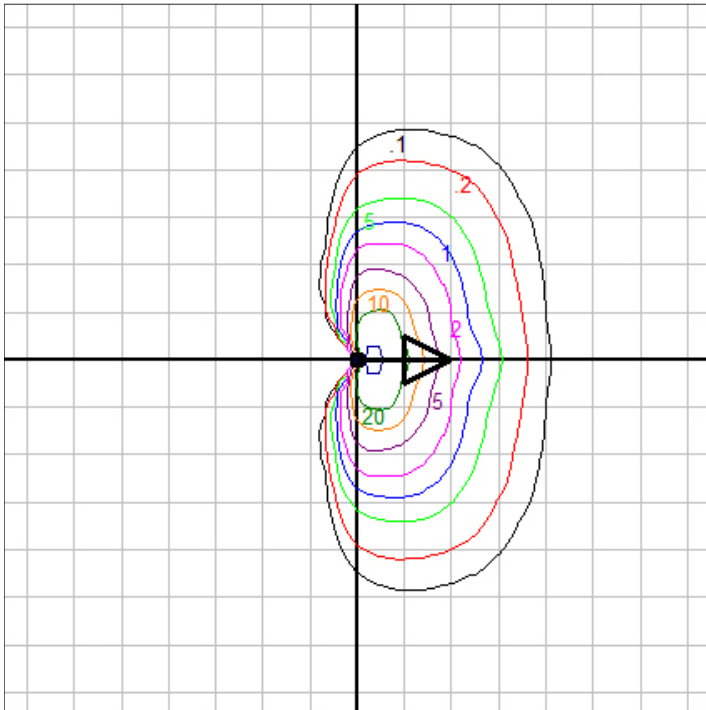
Characteristics

IES Classification	Type III
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	532
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	59
Total Luminaire Watts	9
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	320.002 (310H, 52.5V)
Max. Cd. (<90 Vert.)	320.002 (310H, 52.5V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	65.542 (12.3%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

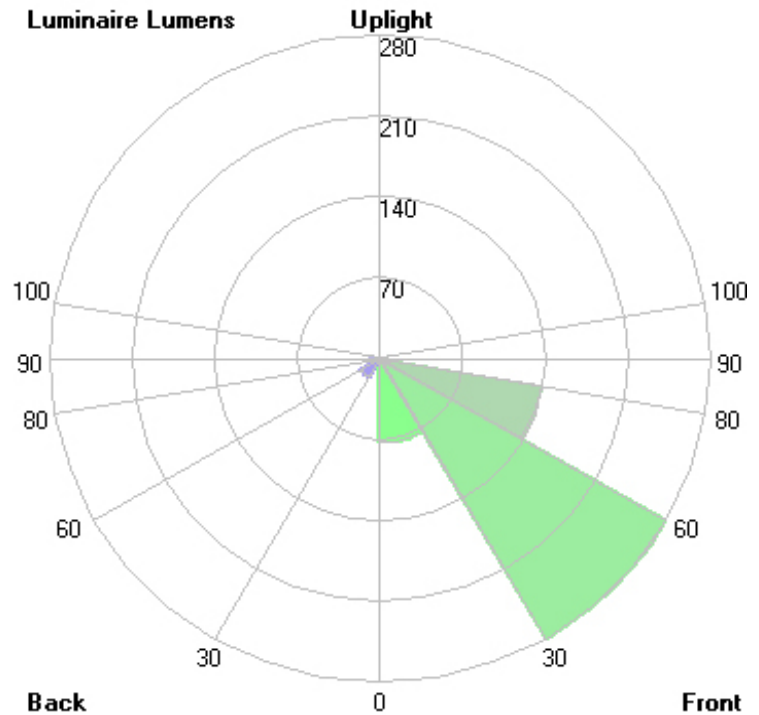
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	72.8	N.A.	13.7
FM (30-60)	280.5	N.A.	52.7
FH (60-80)	139.1	N.A.	26.2
FVH (80-90)	5.9	N.A.	1.1
BL (0-30)	4.1	N.A.	0.8
BM (30-60)	19.0	N.A.	3.6
BH (60-80)	10.0	N.A.	1.9
BVH (80-90)	0.3	N.A.	0.1
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	531.7	N.A.	100.0

BUG Rating B0-U0-G0



Grid Spacing: 2 ft.



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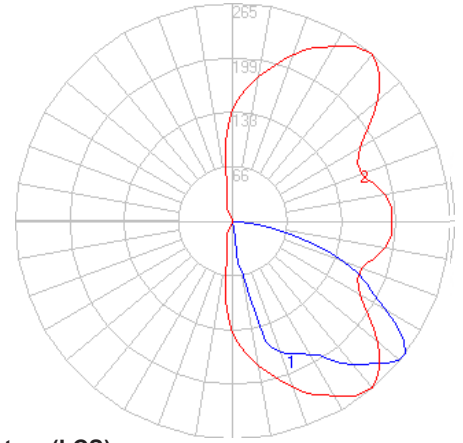
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BEGA

File: 84749AMB_BEGA_IES.ies

TEST: 84749K4
TEST LAB: BEGA
DATE: 09/26/2022
LUMINAIRE: 84749AMB
LAMP: 5.8W LED



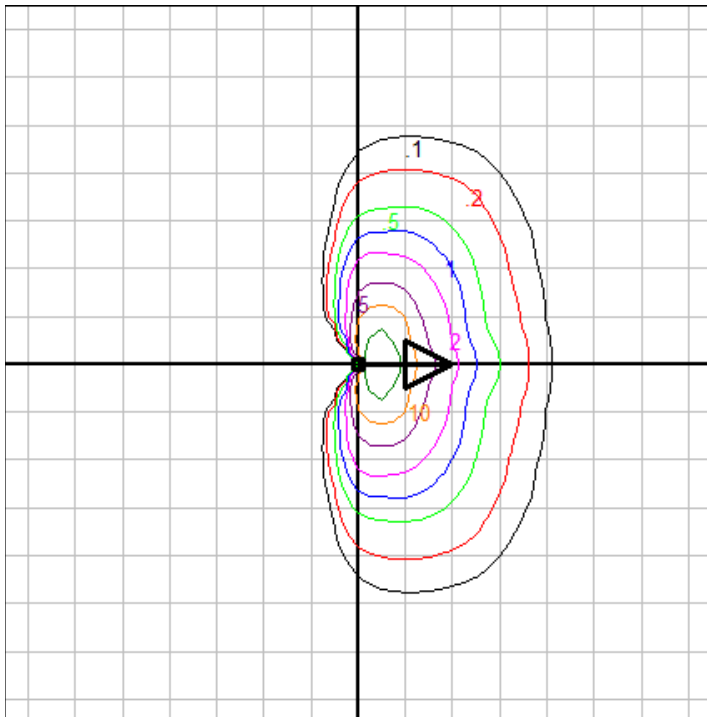
Characteristics

IES Classification	Type III
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	441
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	49
Total Luminaire Watts	9
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	265.48 (310H, 52.5V)
Max. Cd. (<90 Vert.)	265.48 (310H, 52.5V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	54.375 (12.3%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

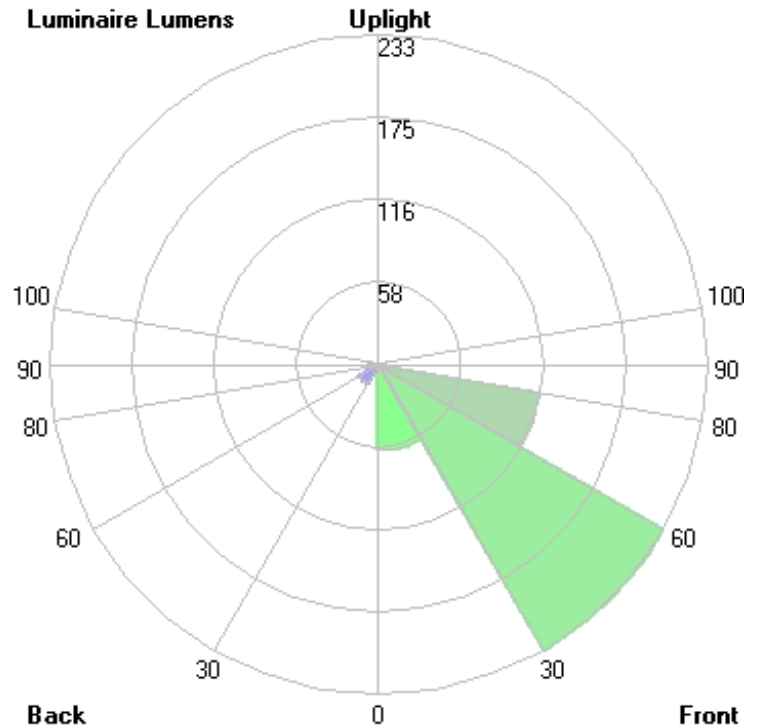
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	60.4	N.A.	13.7
FM (30-60)	232.7	N.A.	52.7
FH (60-80)	115.4	N.A.	26.1
FVH (80-90)	4.9	N.A.	1.1
BL (0-30)	3.4	N.A.	0.8
BM (30-60)	15.8	N.A.	3.6
BH (60-80)	8.3	N.A.	1.9
BVH (80-90)	0.3	N.A.	0.1
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	441.2	N.A.	100.0

BUG Rating B0-U0-G0



Grid Spacing: 2 ft.



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