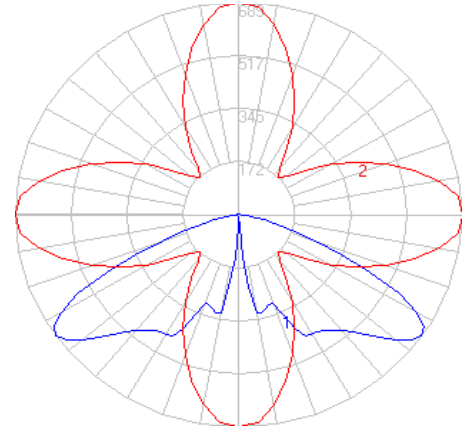


BEGA

File: 84754K4_BEGA_IES.ies

TEST: BE_84754K3
TEST LAB: BEGA
DATE: 01/04/2021
LUMINAIRE: 84 754K4
LAMP: 19.5W LED



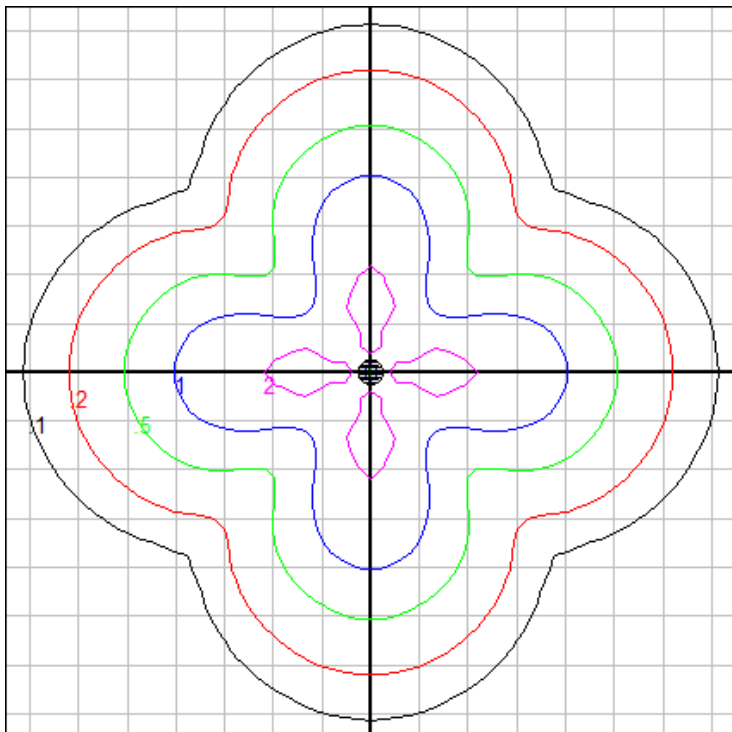
Characteristics

IES Classification	Type VS
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1500
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	63
Total Luminaire Watts	24
Ballast Factor	1.00
Upward Waste Light Ratio	0.01
Max. Cd.	689.07 (90H, 55V)
Max. Cd. (<90 Vert.)	689.07 (90H, 55V)
Max. Cd. (At 90 Deg. Vert.)	9.476 (0.6%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	54.075 (3.6%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

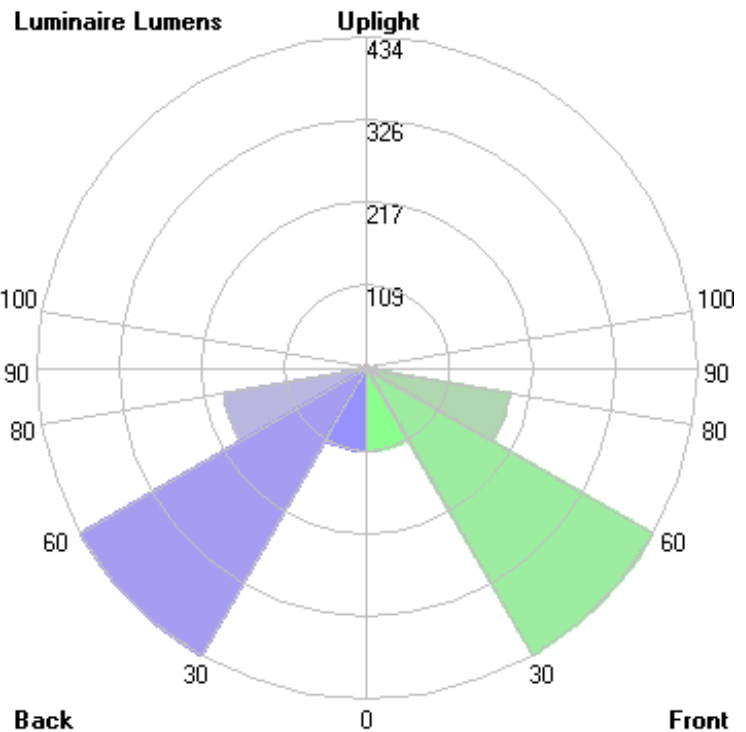
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	108.6	N.A.	7.2
FM (30-60)	434.1	N.A.	28.9
FH (60-80)	190.9	N.A.	12.7
FVH(80-90)	12.2	N.A.	0.8
BL (0-30)	108.6	N.A.	7.2
BM (30-60)	434.1	N.A.	28.9
BH (60-80)	190.9	N.A.	12.7
BVH(80-90)	12.2	N.A.	0.8
UL (90-100)	5.9	N.A.	0.4
UH (100-180)	2.8	N.A.	0.2
Total	1500.3	N.A.	100.0

BUG Rating B1-U1-G1



Grid Spacing: 4 ft.



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

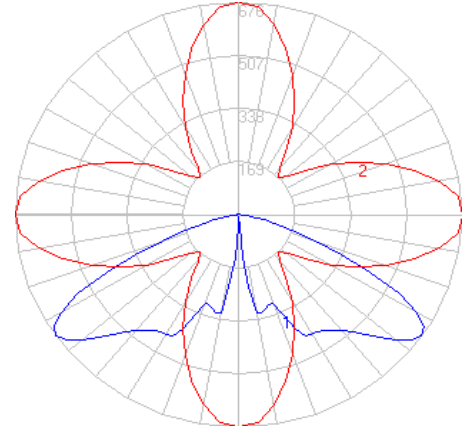
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BEGA

File: 84754K35_BEGA_IES.ies

TEST: BE_84754K3
TEST LAB: BEGA
DATE: 01/04/2021
LUMINAIRE: 84 754K35
LAMP: 19.5W LED



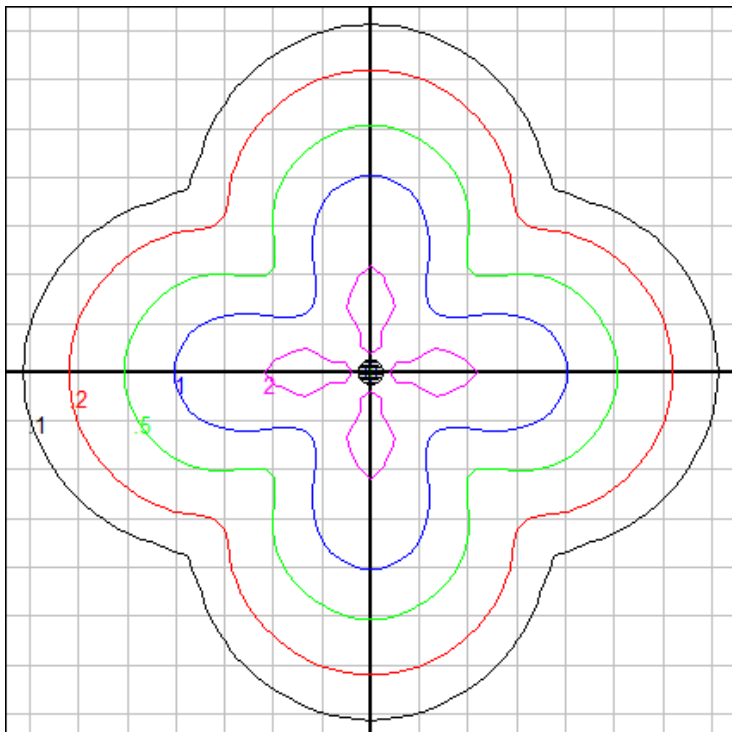
Characteristics

IES Classification	Type VS
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1471
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	61
Total Luminaire Watts	24
Ballast Factor	1.00
Upward Waste Light Ratio	0.01
Max. Cd.	675.69 (90H, 55V)
Max. Cd. (<90 Vert.)	675.69 (90H, 55V)
Max. Cd. (At 90 Deg. Vert.)	9.292 (0.6%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	53.025 (3.6%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

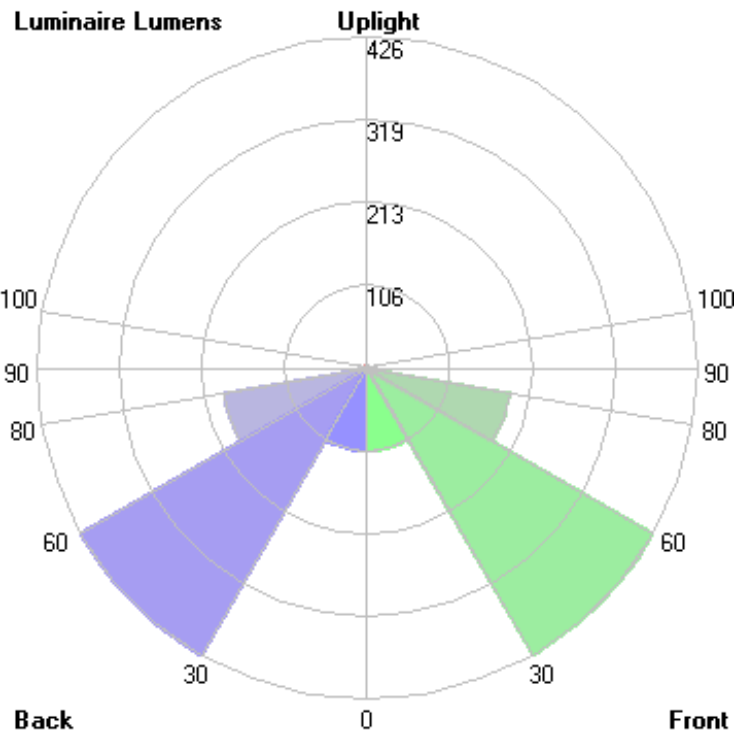
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	106.4	N.A.	7.2
FM (30-60)	425.7	N.A.	28.9
FH (60-80)	187.2	N.A.	12.7
FVH(80-90)	12.0	N.A.	0.8
BL (0-30)	106.4	N.A.	7.2
BM (30-60)	425.7	N.A.	28.9
BH (60-80)	187.2	N.A.	12.7
BVH(80-90)	12.0	N.A.	0.8
UL (90-100)	5.8	N.A.	0.4
UH (100-180)	2.8	N.A.	0.2
Total	1471.2	N.A.	100.0

BUG Rating B1-U1-G1



Grid Spacing: 4 ft.



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

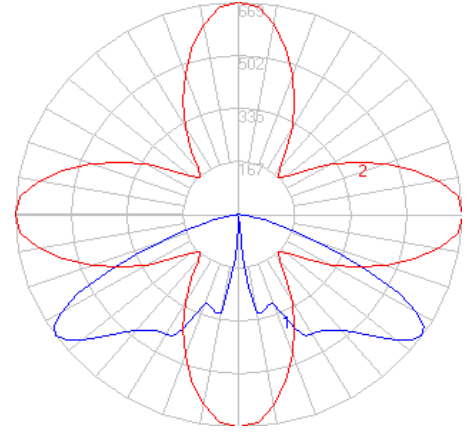
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BEGA

File: 84754K3_BEGA_IES.ies

TEST: BE_84754K3
TEST LAB: BEGA
DATE: 01/04/2021
LUMINAIRE: 84 754K3
LAMP: 19.5W LED



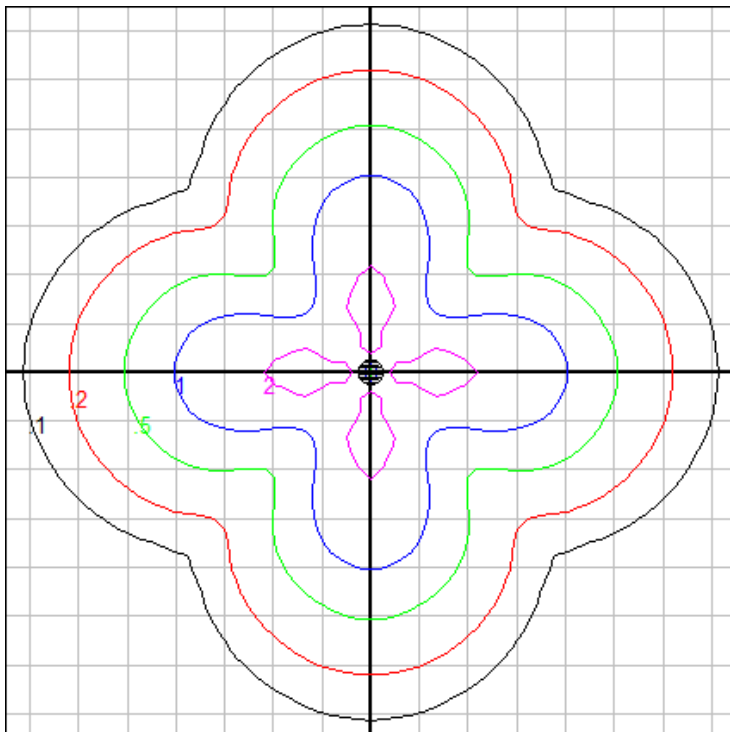
Characteristics

IES Classification	Type VS
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1457
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	61
Total Luminaire Watts	24
Ballast Factor	1.00
Upward Waste Light Ratio	0.01
Max. Cd.	669 (90H, 55V)
Max. Cd. (<90 Vert.)	669 (90H, 55V)
Max. Cd. (At 90 Deg. Vert.)	9.2 (0.6%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	52.5 (3.6%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

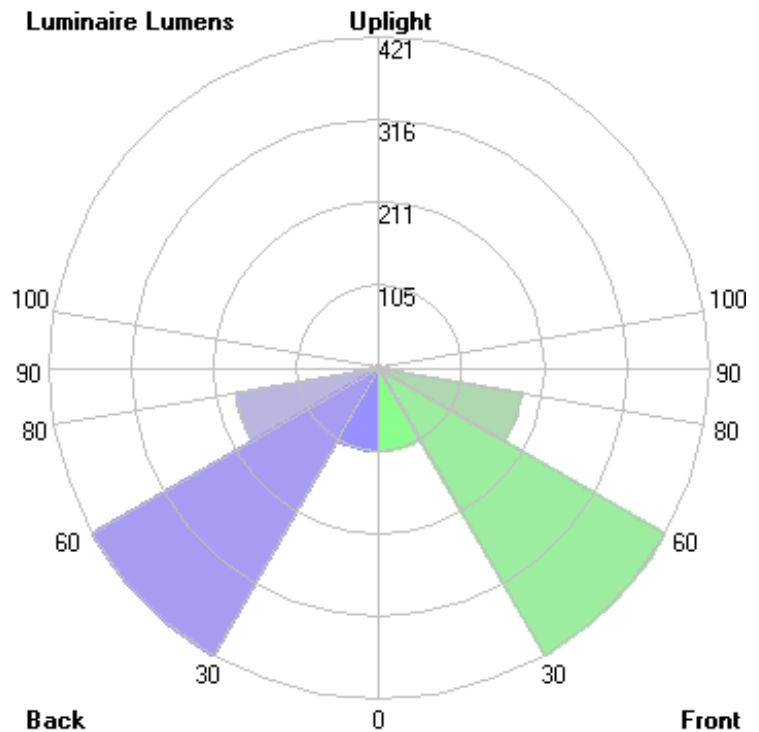
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	105.4	N.A.	7.2
FM (30-60)	421.5	N.A.	28.9
FH (60-80)	185.3	N.A.	12.7
FVH(80-90)	11.9	N.A.	0.8
BL (0-30)	105.4	N.A.	7.2
BM (30-60)	421.5	N.A.	28.9
BH (60-80)	185.3	N.A.	12.7
BVH(80-90)	11.9	N.A.	0.8
UL (90-100)	5.7	N.A.	0.4
UH (100-180)	2.7	N.A.	0.2
Total	1456.6	N.A.	100.0

BUG Rating B1-U1-G1



Grid Spacing: 4 ft.



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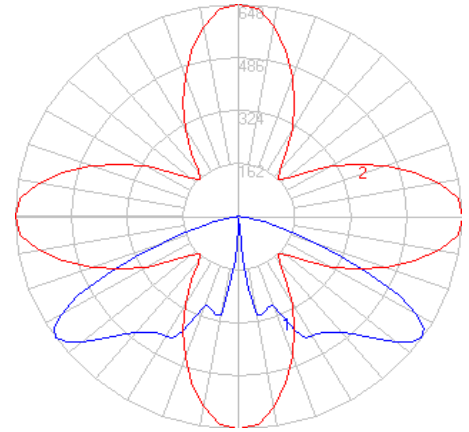
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BEGA

File: 84754K27_BEGA_IES.ies

TEST: BE_84754K3
TEST LAB: BEGA
DATE: 01/04/2021
LUMINAIRE: 84 754K27
LAMP: 19.5W LED



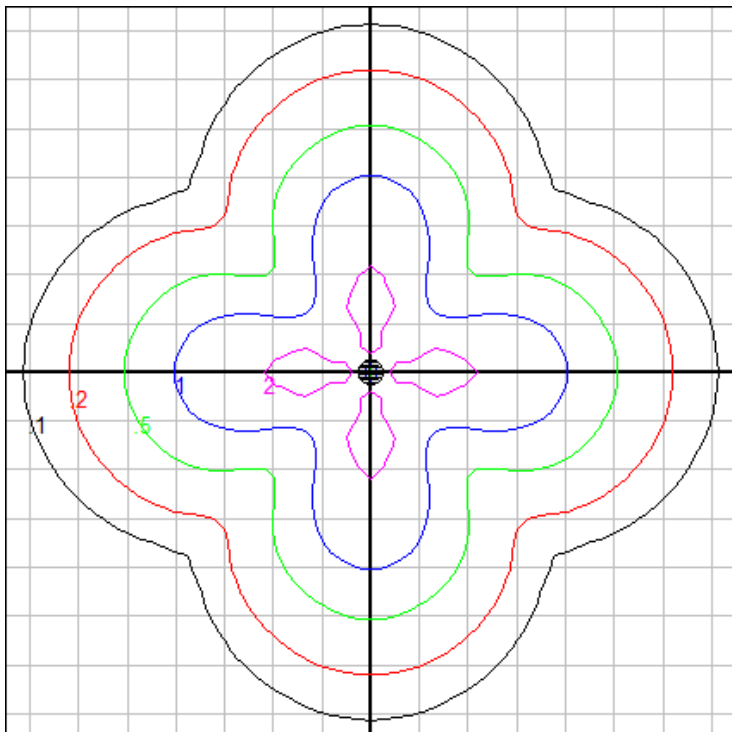
Characteristics

IES Classification	Type VS
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1410
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	59
Total Luminaire Watts	24
Ballast Factor	1.00
Upward Waste Light Ratio	0.01
Max. Cd.	647.592 (90H, 55V)
Max. Cd. (<90 Vert.)	647.592 (90H, 55V)
Max. Cd. (At 90 Deg. Vert.)	8.906 (0.6%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	50.82 (3.6%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

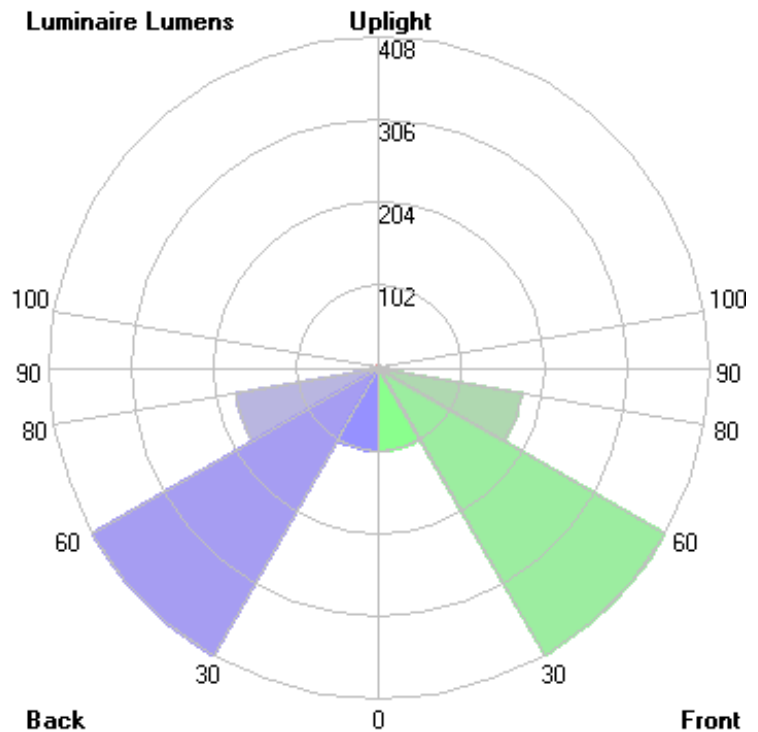
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	102.0	N.A.	7.2
FM (30-60)	408.0	N.A.	28.9
FH (60-80)	179.4	N.A.	12.7
FVH(80-90)	11.5	N.A.	0.8
BL (0-30)	102.0	N.A.	7.2
BM (30-60)	408.0	N.A.	28.9
BH (60-80)	179.4	N.A.	12.7
BVH(80-90)	11.5	N.A.	0.8
UL (90-100)	5.5	N.A.	0.4
UH (100-180)	2.7	N.A.	0.2
Total	1410.0	N.A.	100.0

BUG Rating B1-U1-G1



Grid Spacing: 4 ft.



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