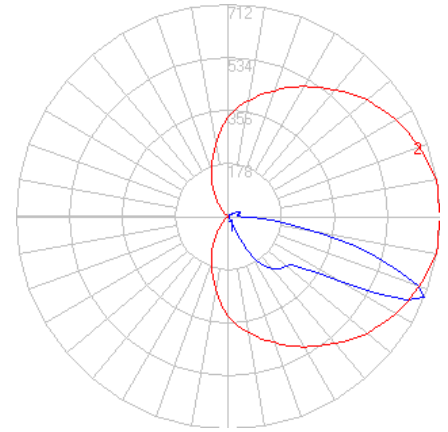


BEGA

File: 84706K4_BEGA_IES.ies

TEST: BE_84706K4
TEST LAB: BEGA
DATE: 09/16/2020
LUMINAIRE: 84 706K4
LAMP: 8.2W LED



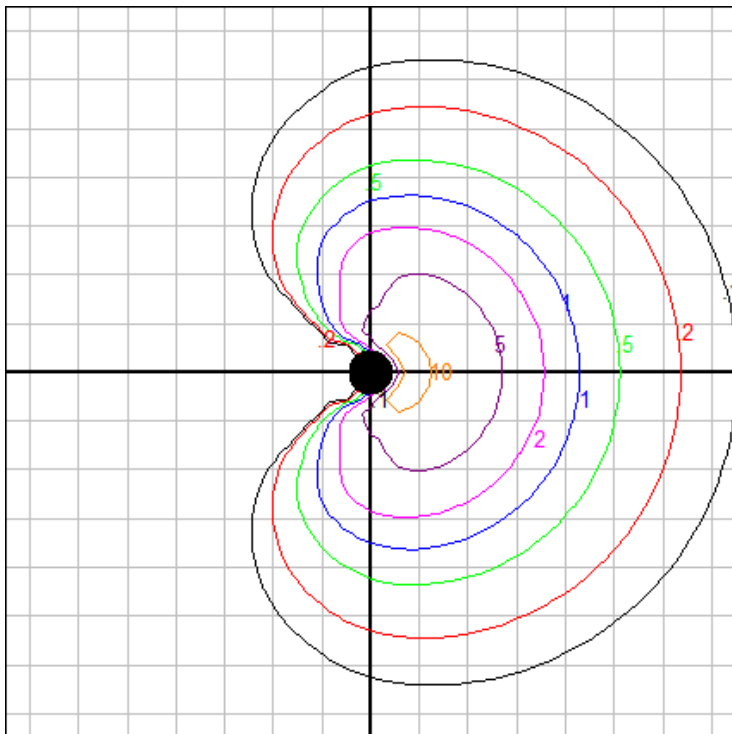
Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	980
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	98
Total Luminaire Watts	10
Ballast Factor	1.00
Upward Waste Light Ratio	0.07
Max. Cd.	712.4 (360H, 67.5V)
Max. Cd. (<90 Vert.)	712.4 (360H, 67.5V)
Max. Cd. (At 90 Deg. Vert.)	44.9 (4.6%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	316.3 (32.3%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

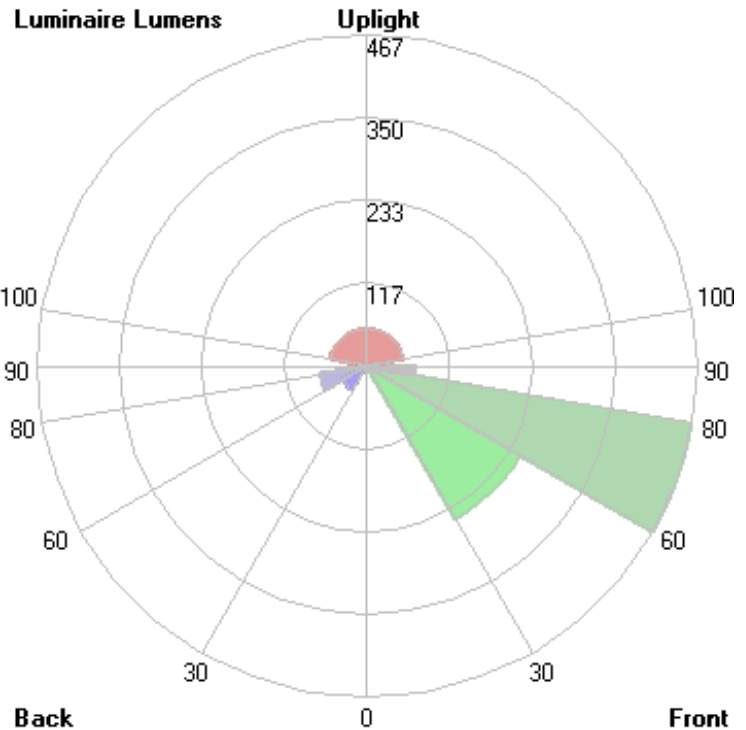
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	8.4	N.A.	0.9
FM (30-60)	249.3	N.A.	25.4
FH (60-80)	466.7	N.A.	47.6
FVH (80-90)	67.8	N.A.	6.9
BL (0-30)	0.7	N.A.	0.1
BM (30-60)	40.0	N.A.	4.1
BH (60-80)	66.8	N.A.	6.8
BVH (80-90)	9.8	N.A.	1.0
UL (90-100)	18.0	N.A.	1.8
UH (100-180)	52.4	N.A.	5.3
Total	979.9	N.A.	100.0

BUG Rating B0-U3-G1



Shown on tube 99622 (34-3/8" OAH)

Grid Spacing: 2.5 ft.



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

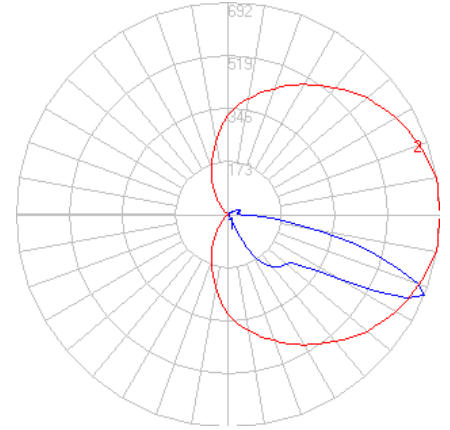
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BEGA

File: 84706K35_BEGA_IES.ies

TEST: BE_84706K4
TEST LAB: BEGA
DATE: 09/16/2020
LUMINAIRE: 84 706K35
LAMP: 8.2W LED



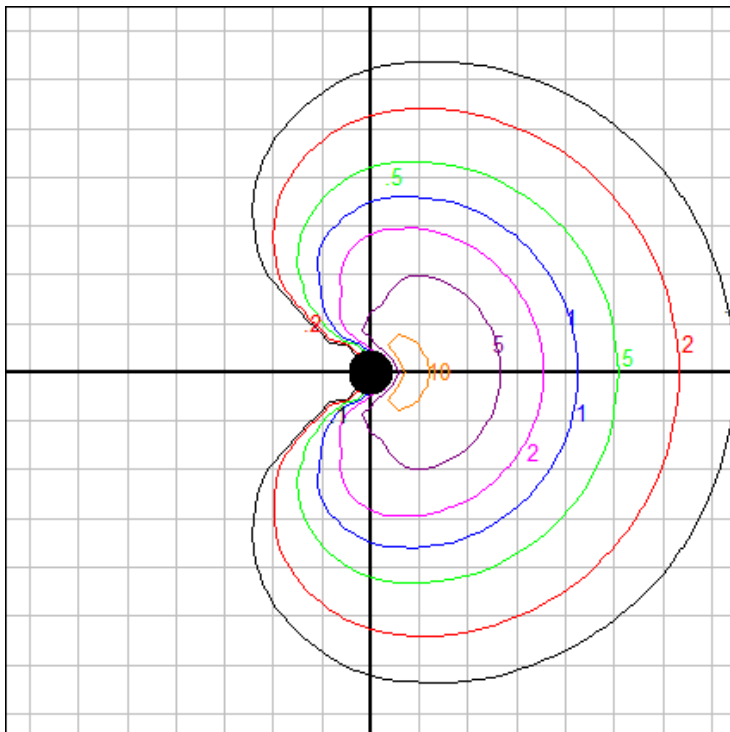
Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	952
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	95
Total Luminaire Watts	10
Ballast Factor	1.00
Upward Waste Light Ratio	0.07
Max. Cd.	692.453 (360H, 67.5V)
Max. Cd. (<90 Vert.)	692.453 (360H, 67.5V)
Max. Cd. (At 90 Deg. Vert.)	43.643 (4.6%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	307.444 (32.3%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

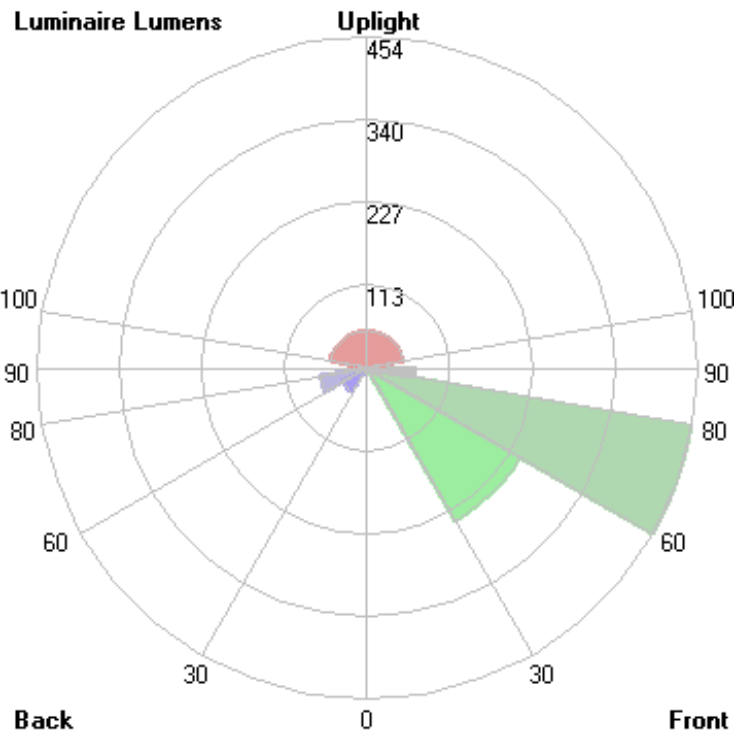
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	8.1	N.A.	0.9
FM (30-60)	242.3	N.A.	25.4
FH (60-80)	453.6	N.A.	47.6
FVH (80-90)	65.9	N.A.	6.9
BL (0-30)	0.7	N.A.	0.1
BM (30-60)	38.9	N.A.	4.1
BH (60-80)	65.0	N.A.	6.8
BVH (80-90)	9.6	N.A.	1.0
UL (90-100)	17.5	N.A.	1.8
UH (100-180)	50.9	N.A.	5.3
Total	952.5	N.A.	100.0

BUG Rating B0-U3-G1



Shown on tube 99622 (34-3/8" OAH) | Grid Spacing: 2.5 ft.



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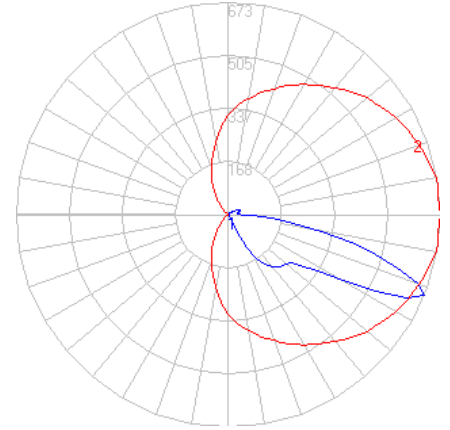
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BEGA

File: 84706K3_BEGA_IES.ies

TEST: BE_84706K4
TEST LAB: BEGA
DATE: 09/16/2020
LUMINAIRE: 84 706K3
LAMP: 8.2W LED



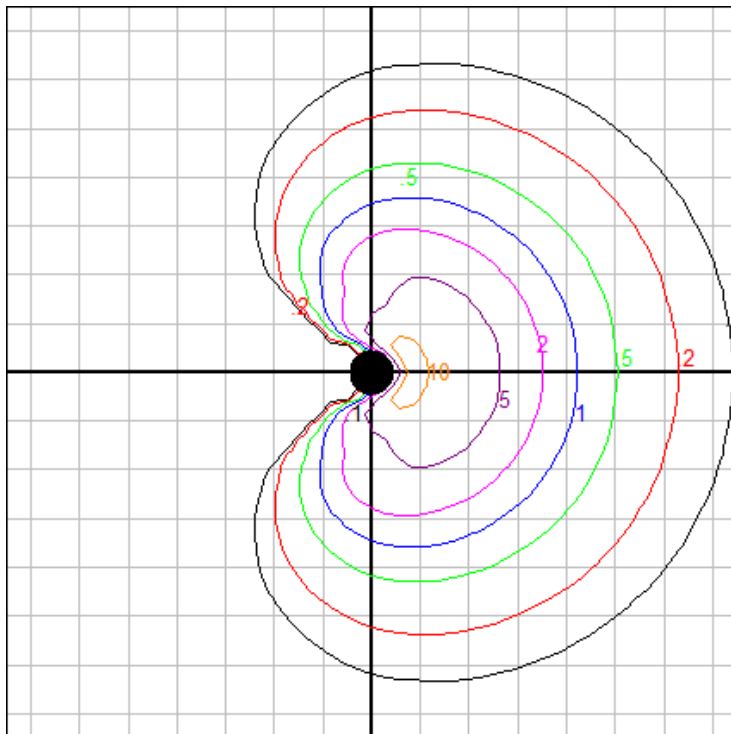
Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	926
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	93
Total Luminaire Watts	10
Ballast Factor	1.00
Upward Waste Light Ratio	0.07
Max. Cd.	673.218 (360H, 67.5V)
Max. Cd. (<90 Vert.)	673.218 (360H, 67.5V)
Max. Cd. (At 90 Deg. Vert.)	42.43 (4.6%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	298.903 (32.3%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	7.9	N.A.	0.9
FM (30-60)	235.6	N.A.	25.4
FH (60-80)	441.0	N.A.	47.6
FVH (80-90)	64.0	N.A.	6.9
BL (0-30)	0.7	N.A.	0.1
BM (30-60)	37.8	N.A.	4.1
BH (60-80)	63.1	N.A.	6.8
BVH (80-90)	9.3	N.A.	1.0
UL (90-100)	17.0	N.A.	1.8
UH (100-180)	49.5	N.A.	5.3
Total	925.9	N.A.	100.0

BUG Rating B0-U2-G1

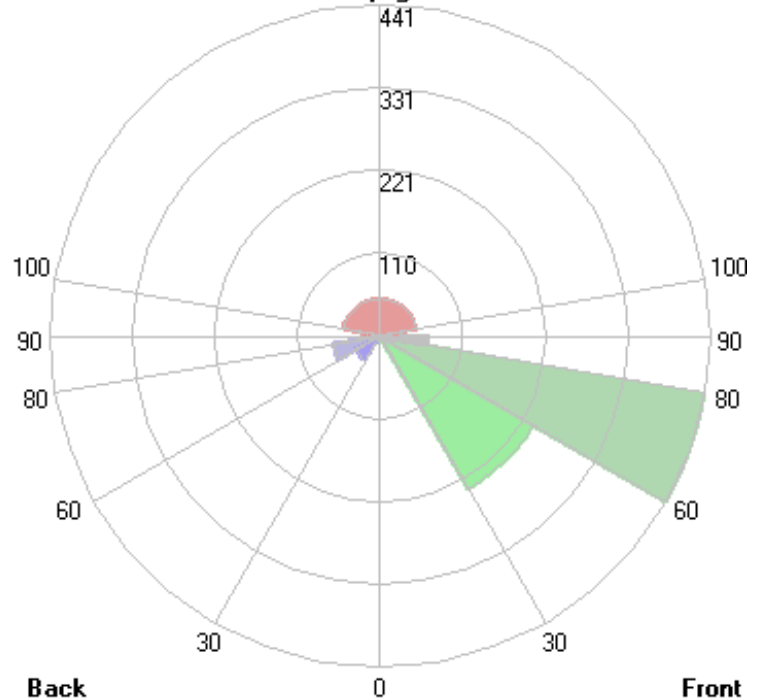


Shown on tube 99622 (34-3/8" OAH)

Grid Spacing: 2.5 ft.

Luminaire Lumens

Uplight



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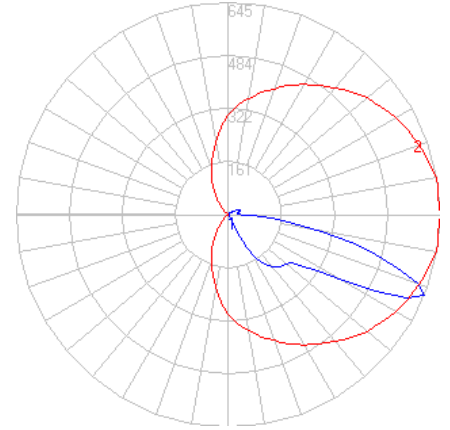
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BEGA

File: 84706K27_BEGA_IES.ies

TEST: BE_84706K4
TEST LAB: BEGA
DATE: 09/16/2020
LUMINAIRE: 84 706K27
LAMP: 8.2W LED



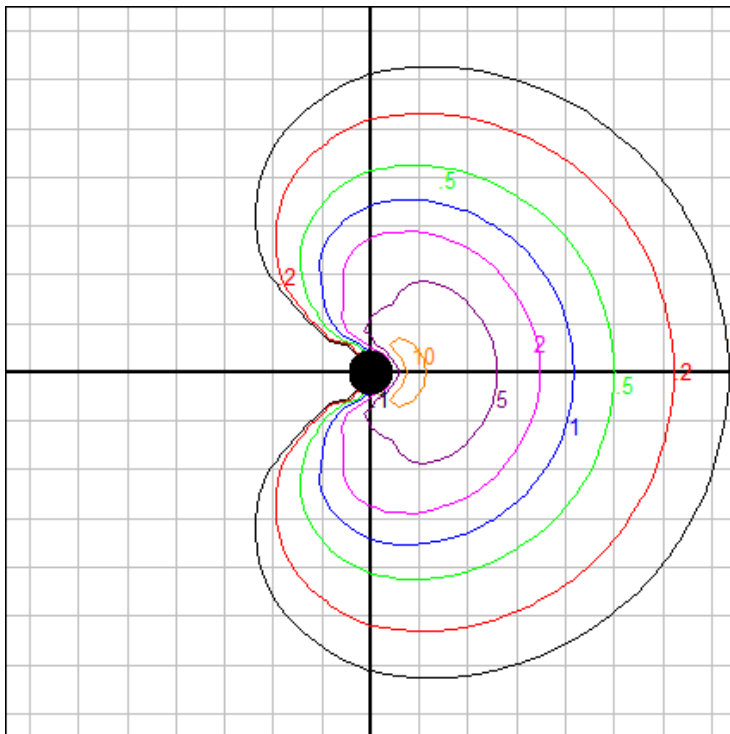
Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Short
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	0.07
Max. Cd.	644.722 (360H, 67.5V)
Max. Cd. (<90 Vert.)	644.722 (360H, 67.5V)
Max. Cd. (At 90 Deg. Vert.)	40.634 (4.6%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	286.251 (32.3%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

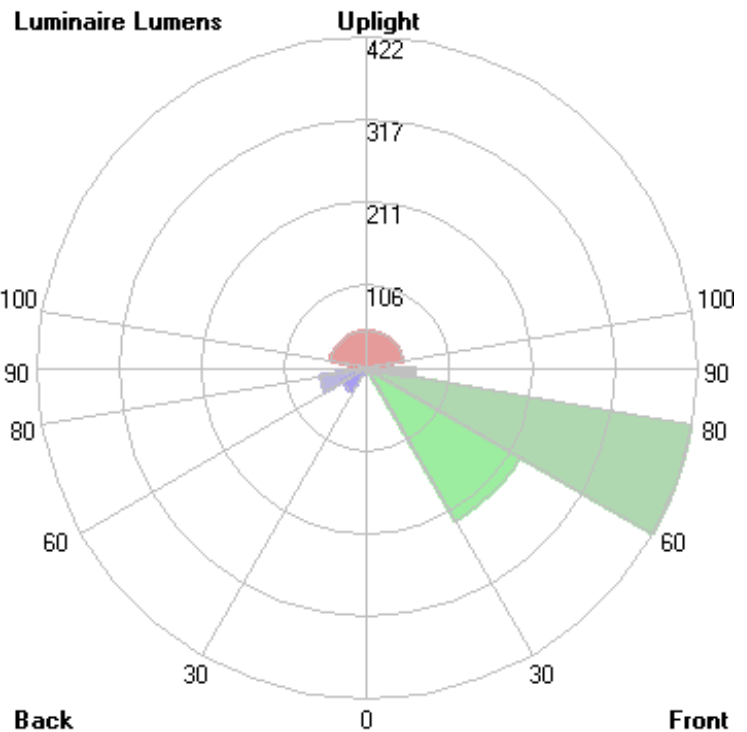
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	7.6	N.A.	0.9
FM (30-60)	225.6	N.A.	25.4
FH (60-80)	422.3	N.A.	47.6
FVH (80-90)	61.3	N.A.	6.9
BL (0-30)	0.7	N.A.	0.1
BM (30-60)	36.2	N.A.	4.1
BH (60-80)	60.5	N.A.	6.8
BVH (80-90)	8.9	N.A.	1.0
UL (90-100)	16.3	N.A.	1.8
UH (100-180)	47.4	N.A.	5.3
Total	886.8	N.A.	100.0

BUG Rating B0-U2-G1



Shown on tube 99622 (34-3/8" OAH)

Grid Spacing: 2.5 ft.



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