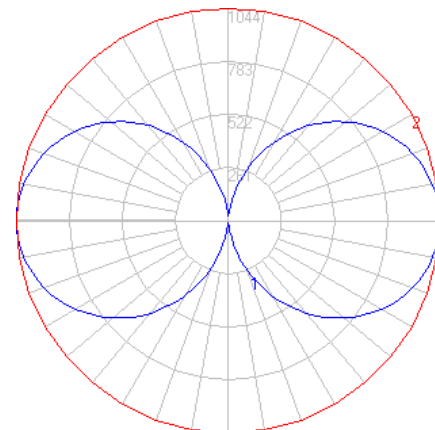


BEGA

File: 84734K4_BEGA_IES.ies

TEST: BE_84734K4
TEST LAB: BEGA
DATE: 01/28/2021
LUMINAIRE: 84 734K4
LAMP: 68.4W LED



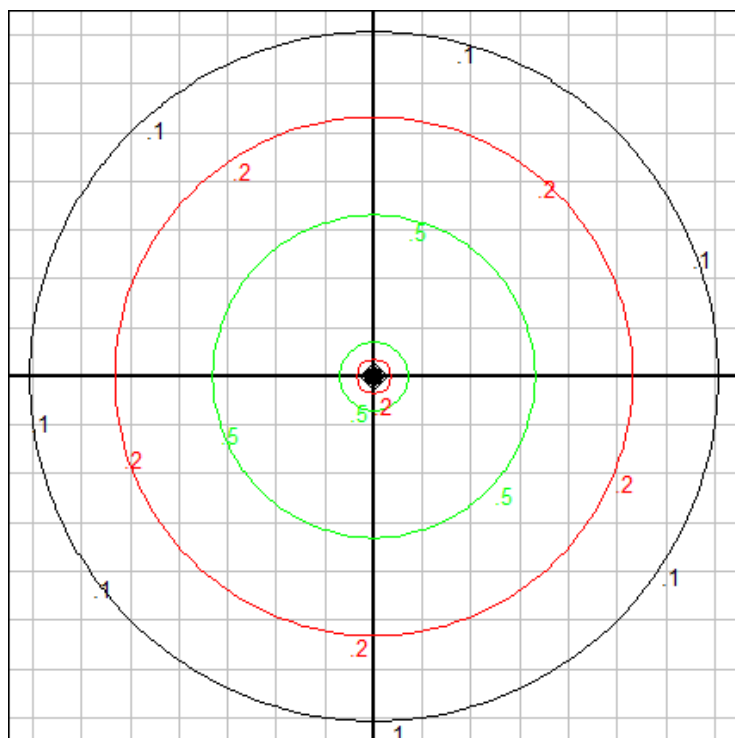
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	9824
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	114
Total Luminaire Watts	86
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	1043.892 (0H, 90V)
Max. Cd. (<90 Vert.)	1042.608 (0H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	1043.892 (10.6%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	1042.608 (10.6%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	105.2	N.A.	1.1
FM (30-60)	787.0	N.A.	8.0
FH (60-80)	986.4	N.A.	10.0
FVH (80-90)	565.7	N.A.	5.8
BL (0-30)	105.2	N.A.	1.1
BM (30-60)	787.0	N.A.	8.0
BH (60-80)	986.4	N.A.	10.0
BVH (80-90)	565.7	N.A.	5.8
UL (90-100)	1130.9	N.A.	11.5
UH (100-180)	3804.0	N.A.	38.7
Total	9823.5	N.A.	100.0

BUG Rating B2-U5-G4

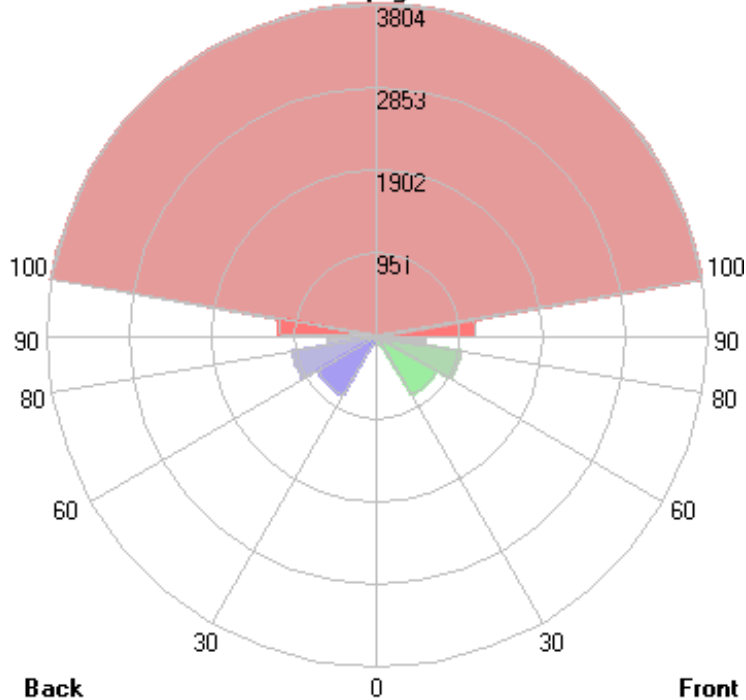


Shown on pole 84721 (231-3/4" OAH)

Grid Spacing: 7.5 ft.

Luminaire Lumens

Uplight



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

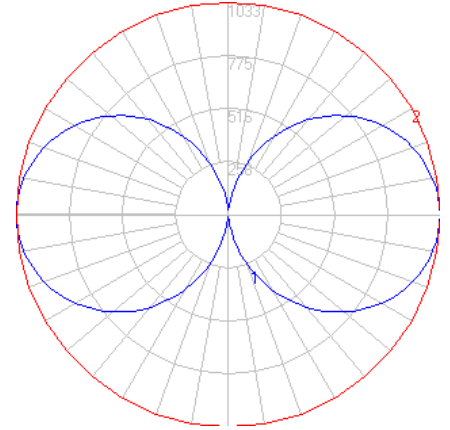
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BEGA

File: 84734K35_BEGA_IES.ies

TEST: BE_84734K4
TEST LAB: BEGA
DATE: 01/28/2021
LUMINAIRE: 84 734K35
LAMP: 68.4W LED



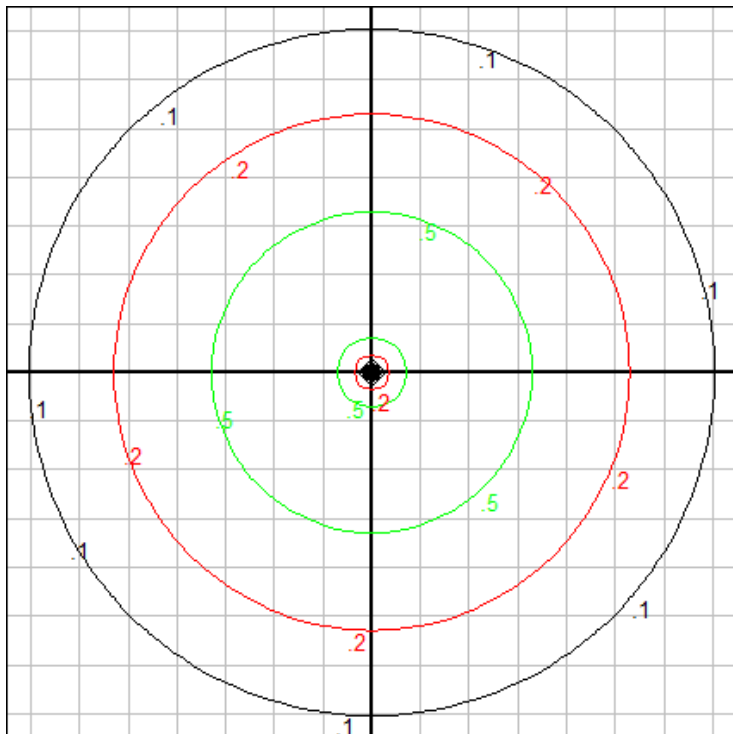
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	9720
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	113
Total Luminaire Watts	86
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	1032.917 (0H, 90V)
Max. Cd. (<90 Vert.)	1031.646 (0H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	1032.917 (10.6%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	1031.646 (10.6%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

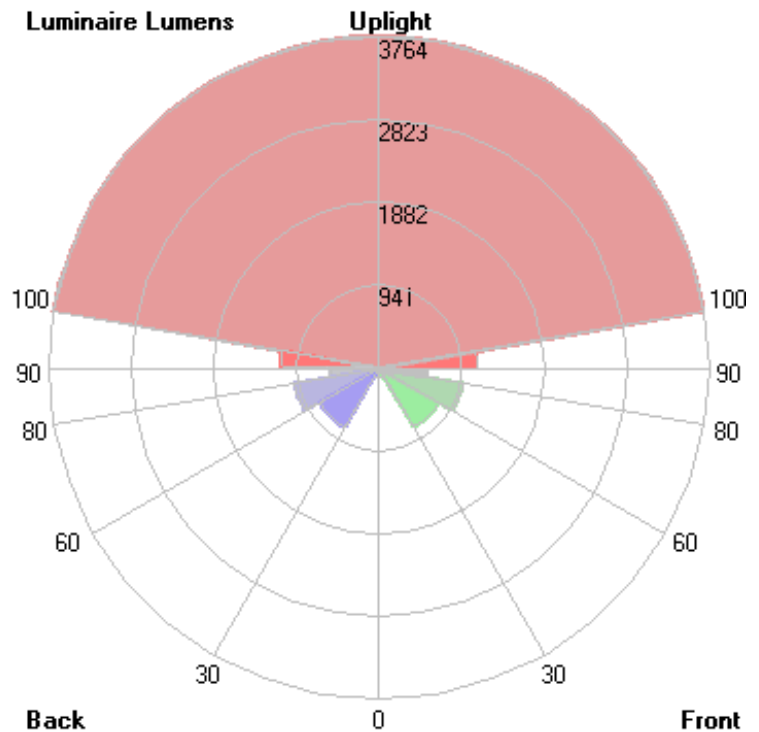
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	104.1	N.A.	1.1
FM (30-60)	778.8	N.A.	8.0
FH (60-80)	976.1	N.A.	10.0
FVH (80-90)	559.8	N.A.	5.8
BL (0-30)	104.1	N.A.	1.1
BM (30-60)	778.8	N.A.	8.0
BH (60-80)	976.1	N.A.	10.0
BVH (80-90)	559.8	N.A.	5.8
UL (90-100)	1119.0	N.A.	11.5
UH (100-180)	3764.0	N.A.	38.7
Total	9720.6	N.A.	100.0

BUG Rating B2-U5-G4



Shown on pole 84721 (231-3/4" OAH) | Grid Spacing: 7.5 ft.



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

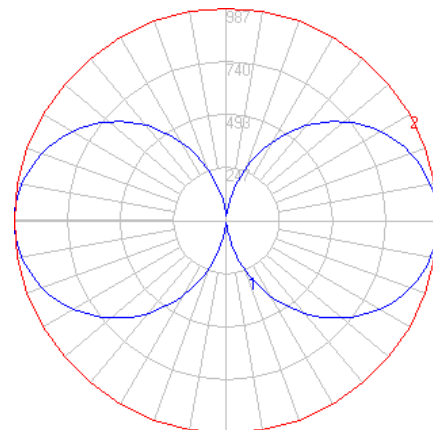
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File: 84734K3_BEGA_IES.ies

TEST: BE_84734K4
TEST LAB: BEGA
DATE: 01/28/2021
LUMINAIRE: 84 734K3
LAMP: 68.4W LED



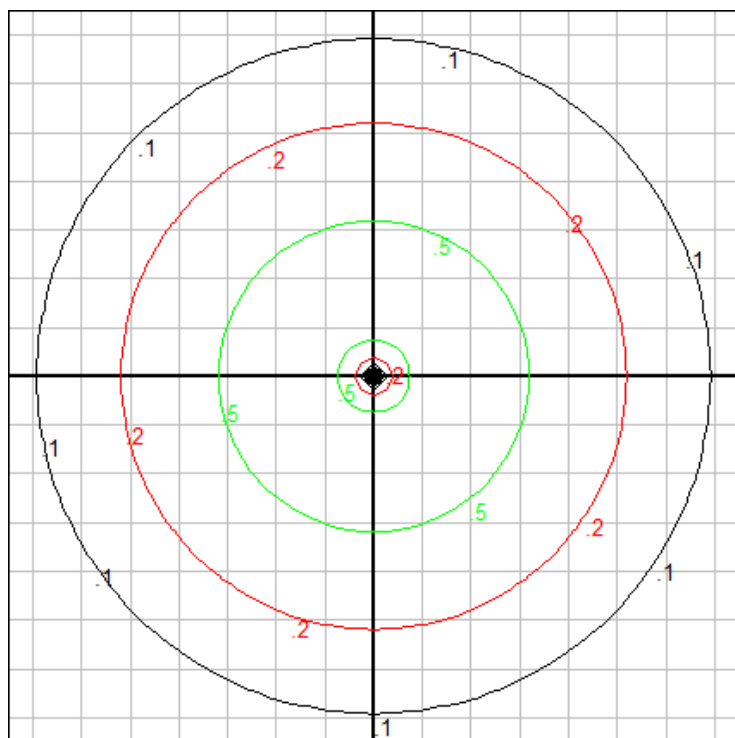
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	9284
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	108
Total Luminaire Watts	86
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	986.576 (0H, 90V)
Max. Cd. (<90 Vert.)	985.362 (0H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	986.576 (10.6%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	985.362 (10.6%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

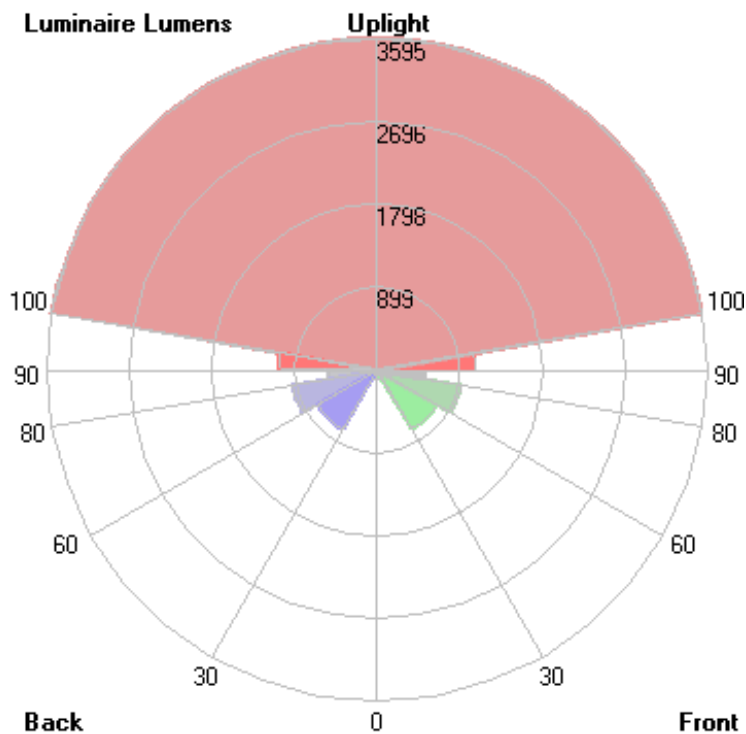
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	99.4	N.A.	1.1
FM (30-60)	743.8	N.A.	8.0
FH (60-80)	932.3	N.A.	10.0
FVH (80-90)	534.7	N.A.	5.8
BL (0-30)	99.4	N.A.	1.1
BM (30-60)	743.8	N.A.	8.0
BH (60-80)	932.3	N.A.	10.0
BVH (80-90)	534.7	N.A.	5.8
UL (90-100)	1068.8	N.A.	11.5
UH (100-180)	3595.1	N.A.	38.7
Total	9284.3	N.A.	100.0

BUG Rating B2-U5-G4



Shown on pole 84721 (231-3/4" OAH)

Grid Spacing: 7.5 ft.



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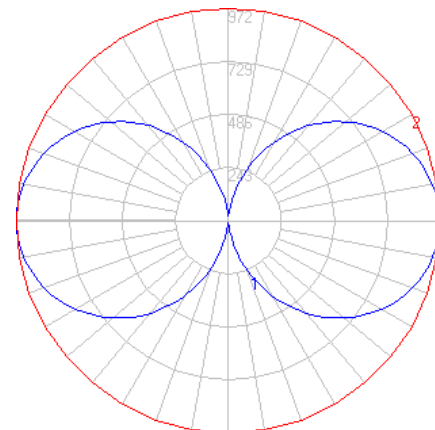
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BEGA

File: 84734K27_BEGA_IES.ies

TEST: BE_84734K4
TEST LAB: BEGA
DATE: 01/28/2021
LUMINAIRE: 84 734K27
LAMP: 68.4W LED



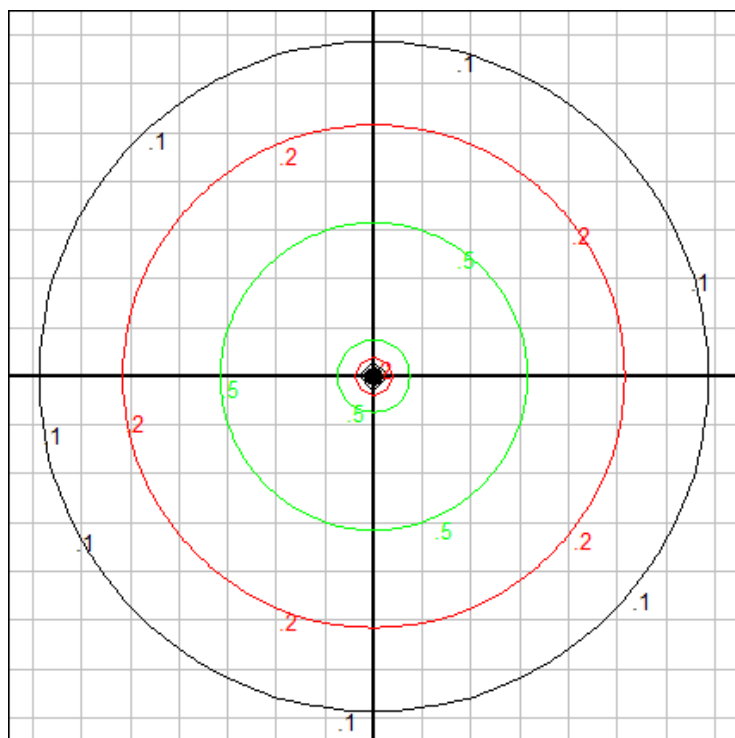
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	9147
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	106
Total Luminaire Watts	86
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	971.941 (0H, 90V)
Max. Cd. (<90 Vert.)	970.746 (0H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	971.941 (10.6%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	970.746 (10.6%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

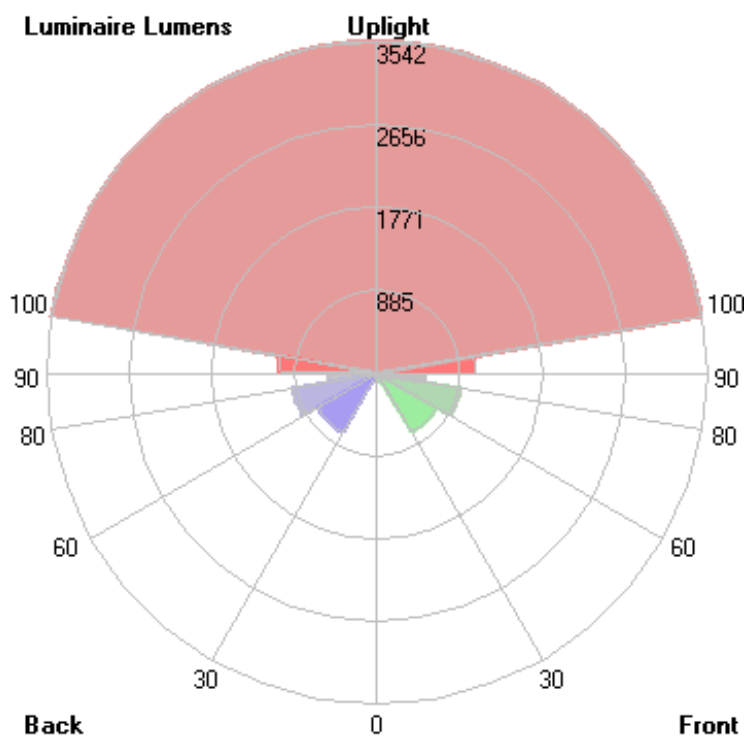
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	98.0	N.A.	1.1
FM (30-60)	732.8	N.A.	8.0
FH (60-80)	918.4	N.A.	10.0
FVH (80-90)	526.7	N.A.	5.8
BL (0-30)	98.0	N.A.	1.1
BM (30-60)	732.8	N.A.	8.0
BH (60-80)	918.4	N.A.	10.0
BVH (80-90)	526.7	N.A.	5.8
UL (90-100)	1053.0	N.A.	11.5
UH (100-180)	3541.8	N.A.	38.7
Total	9146.6	N.A.	100.0

BUG Rating B2-U5-G4



Shown on pole 84721 (231-3/4" OAH) | Grid Spacing: 7.5 ft.



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