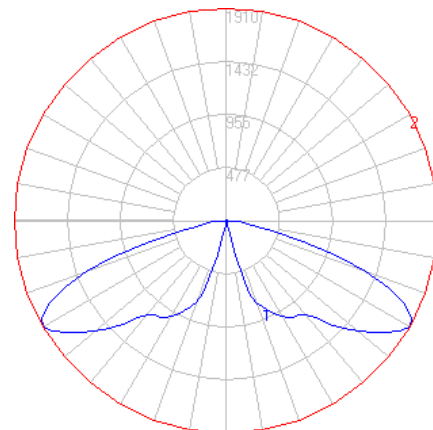


BEGA

File: 84817K4_BEGA_IES.ies

TEST: BE_84817K4
TEST LAB: BEGA
DATE: 08/31/2020
LUMINAIRE: 84 817K4
LAMP: 46.8W LED



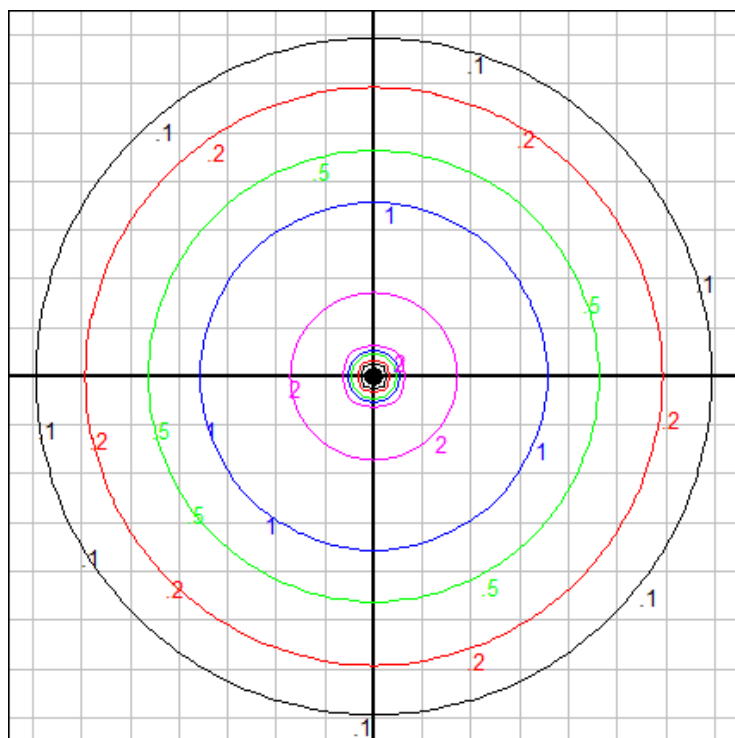
Characteristics

IES Classification	Type V
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6457
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	115
Total Luminaire Watts	56
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1909.6 (0H, 60V)
Max. Cd. (<90 Vert.)	1909.6 (0H, 60V)
Max. Cd. (At 90 Deg. Vert.)	9.8 (0.2%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	282.9 (4.4%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

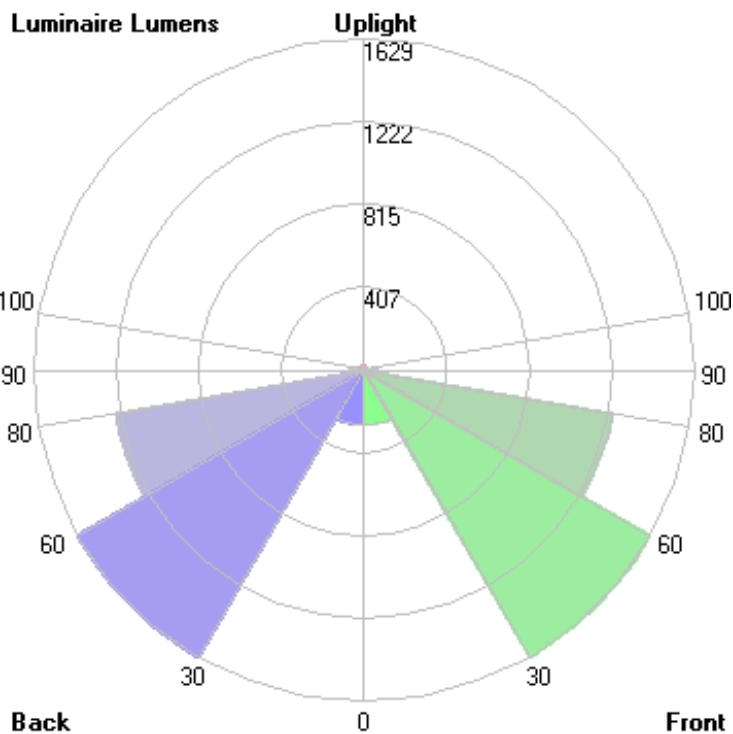
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	271.9	N.A.	4.2
FM (30-60)	1629.1	N.A.	25.2
FH (60-80)	1243.2	N.A.	19.3
FVH (80-90)	70.7	N.A.	1.1
BL (0-30)	271.9	N.A.	4.2
BM (30-60)	1629.1	N.A.	25.2
BH (60-80)	1243.2	N.A.	19.3
BVH (80-90)	70.7	N.A.	1.1
UL (90-100)	6.8	N.A.	0.1
UH (100-180)	20.4	N.A.	0.3
Total	6457.0	N.A.	100.0

BUG Rating B3-U2-G1



Shown on pole 84721 (196-1/2" OAH) | Grid Spacing: 7.5 ft.



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

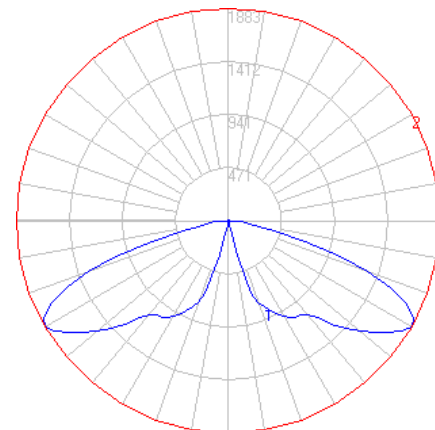
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BEGA

File: 84817K35_BEGA_IES.ies

TEST: BE_84817K4
TEST LAB: BEGA
DATE: 08/31/2020
LUMINAIRE: 84 817K35
LAMP: 46.8W LED



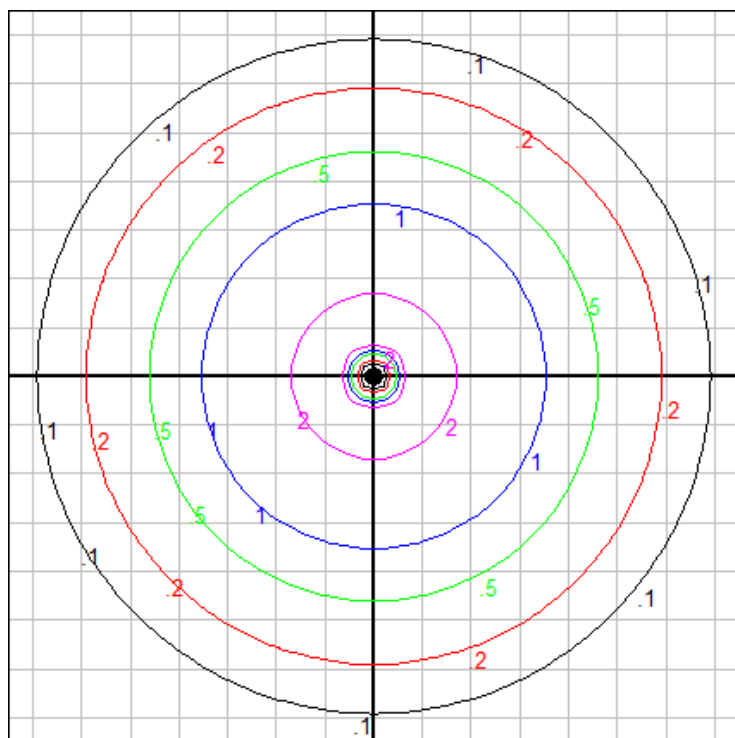
Characteristics

IES Classification	Type V
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6367
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	114
Total Luminaire Watts	56
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1882.866 (0H, 60V)
Max. Cd. (<90 Vert.)	1882.866 (0H, 60V)
Max. Cd. (At 90 Deg. Vert.)	9.663 (0.2%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	278.939 (4.4%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

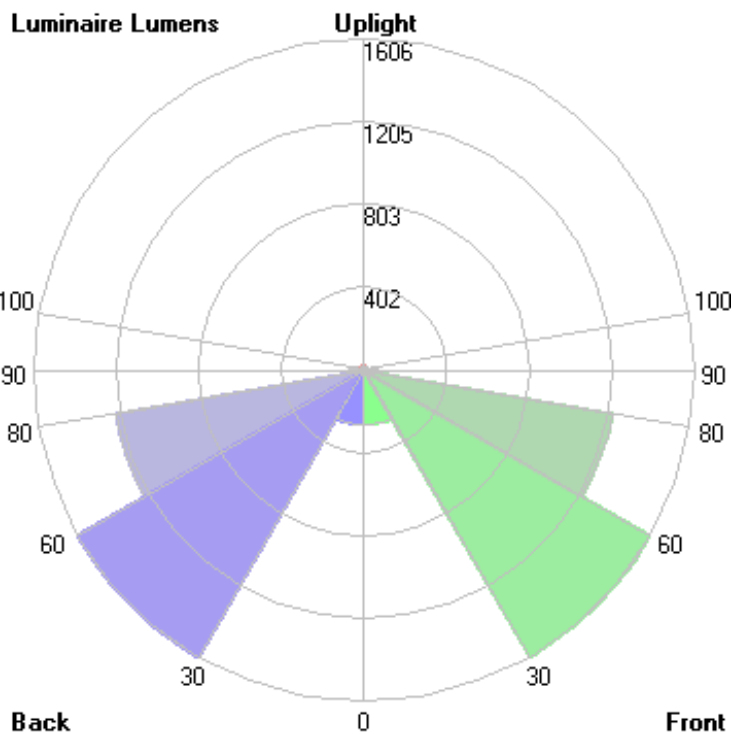
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	268.1	N.A.	4.2
FM (30-60)	1606.3	N.A.	25.2
FH (60-80)	1225.8	N.A.	19.3
FVH (80-90)	69.7	N.A.	1.1
BL (0-30)	268.1	N.A.	4.2
BM (30-60)	1606.3	N.A.	25.2
BH (60-80)	1225.8	N.A.	19.3
BVH (80-90)	69.7	N.A.	1.1
UL (90-100)	6.7	N.A.	0.1
UH (100-180)	20.1	N.A.	0.3
Total	6366.6	N.A.	100.0

BUG Rating B3-U2-G1



Shown on pole 84721 (196-1/2" OAH)

Grid Spacing: 7.5 ft.



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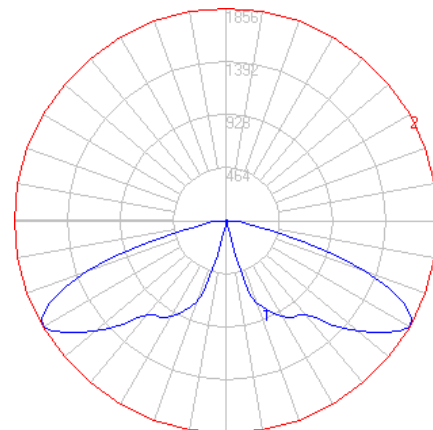
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File: 84817K3_BEGA_IES.ies

TEST: BE_84817K4
TEST LAB: BEGA
DATE: 08/31/2020
LUMINAIRE: 84 817K3
LAMP: 46.8W LED



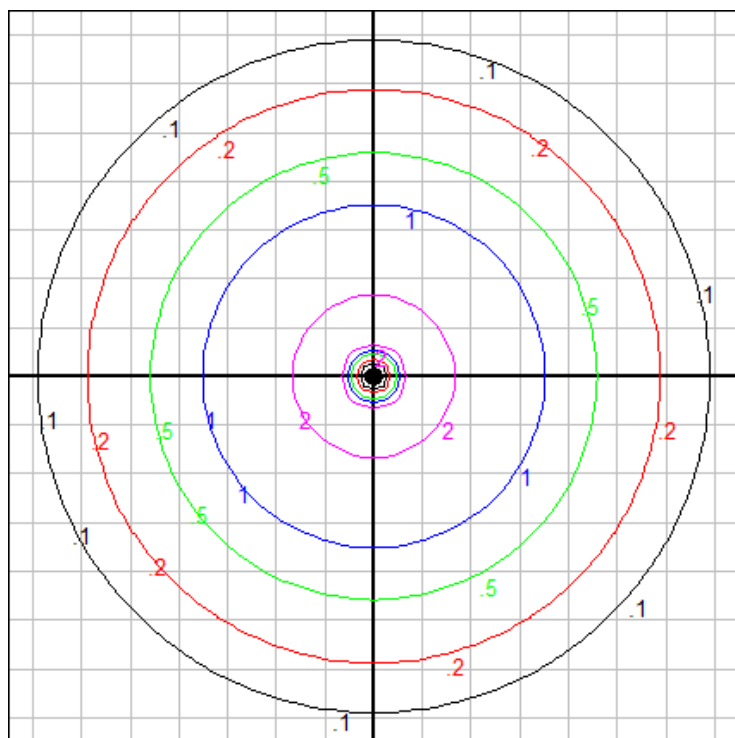
Characteristics

IES Classification	Type V
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6276
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	112
Total Luminaire Watts	56
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1856.131 (0H, 60V)
Max. Cd. (<90 Vert.)	1856.131 (0H, 60V)
Max. Cd. (At 90 Deg. Vert.)	9.526 (0.2%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	274.979 (4.4%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

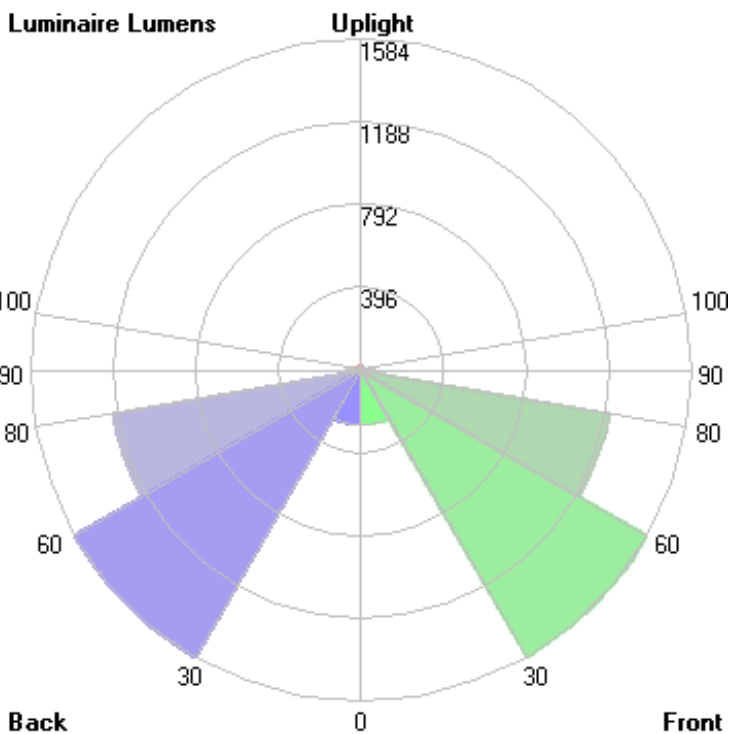
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	264.3	N.A.	4.2
FM (30-60)	1583.5	N.A.	25.2
FH (60-80)	1208.4	N.A.	19.3
FVH (80-90)	68.7	N.A.	1.1
BL (0-30)	264.3	N.A.	4.2
BM (30-60)	1583.5	N.A.	25.2
BH (60-80)	1208.4	N.A.	19.3
BVH (80-90)	68.7	N.A.	1.1
UL (90-100)	6.6	N.A.	0.1
UH (100-180)	19.8	N.A.	0.3
Total	6276.2	N.A.	100.0

BUG Rating B3-U2-G1



Shown on pole 84721 (196-1/2" OAH) | Grid Spacing: 7.5 ft.



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