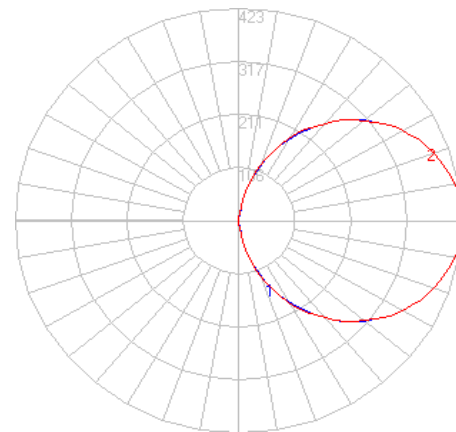
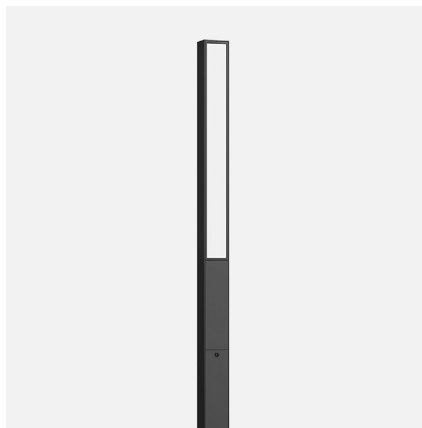


BEGA

File: 84573K4_BEGA_IES.ies

TEST: BE_84573K4
TEST LAB: BEGA
DATE: 9/3/2020
LUMINAIRE: 84 573K4
LAMP: 15.0W LED



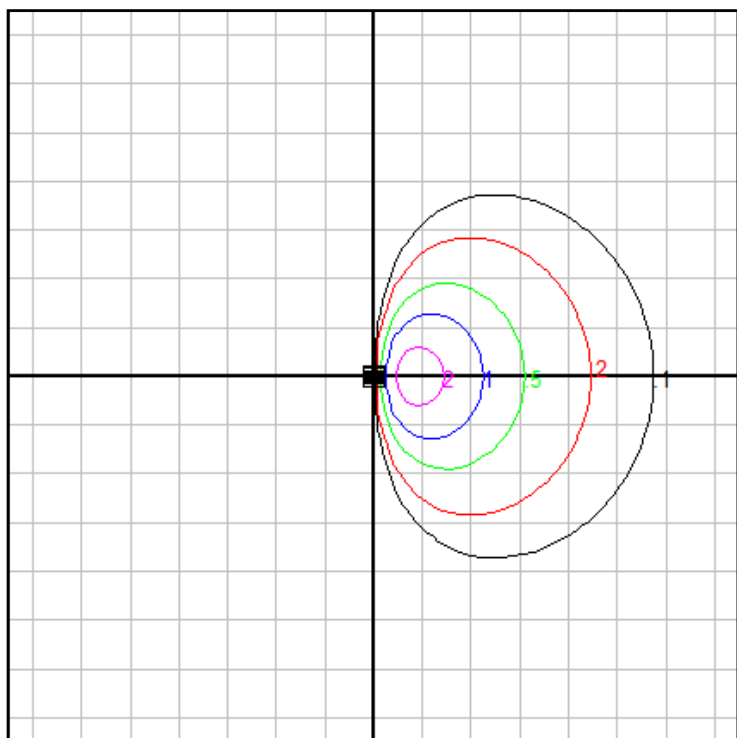
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1204
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	63
Total Luminaire Watts	19
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	422.6 (90H, 90V)
Max. Cd. (<90 Vert.)	422.3 (90H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	422.6 (35.1%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	422.3 (35.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

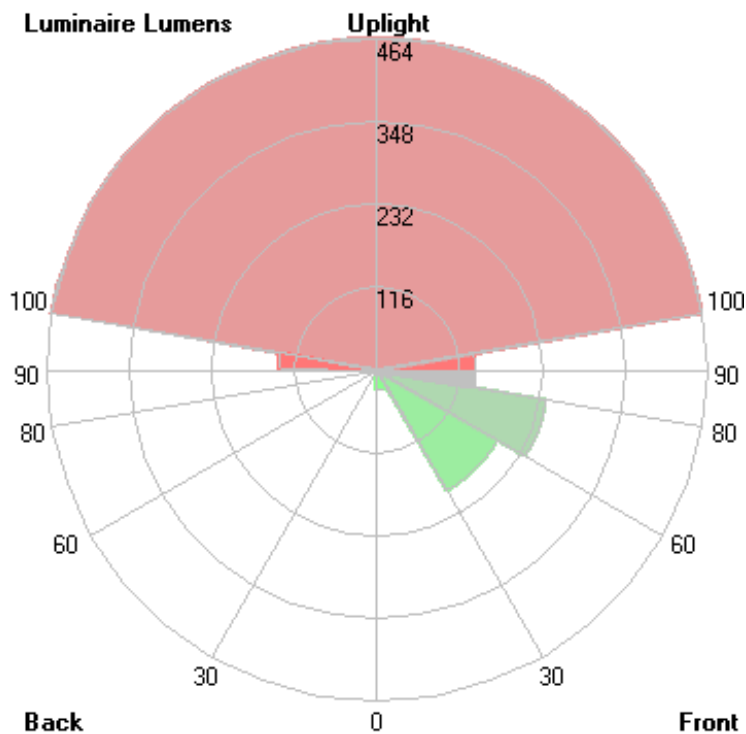
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	27.3	N.A.	2.3
FM (30-60)	195.7	N.A.	16.3
FH (60-80)	240.9	N.A.	20.0
FVH(80-90)	137.8	N.A.	11.4
BL (0-30)	0.1	N.A.	0.0
BM (30-60)	0.1	N.A.	0.0
BH (60-80)	0.1	N.A.	0.0
BVH(80-90)	< 0.05	N.A.	0.0
UL (90-100)	137.8	N.A.	11.4
UH (100-180)	464.1	N.A.	38.5
Total	1203.9	N.A.	100.0

BUG Rating B0-U3-G2



Grid Spacing: 5 ft.



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

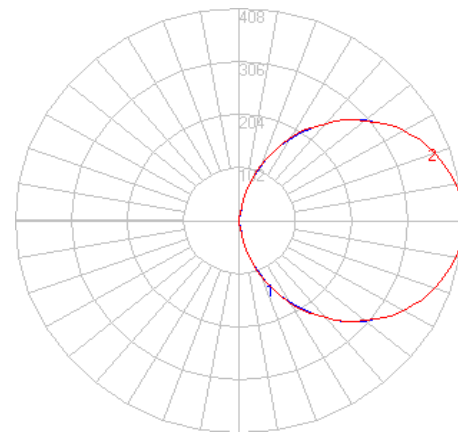
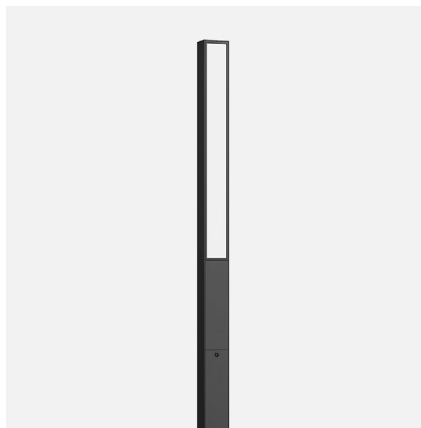
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File: 84573K35_BEGA_IES.ies

TEST: BE_84573K4
TEST LAB: BEGA
DATE: 9/3/2020
LUMINAIRE: 84 573K35
LAMP: 15.0W LED



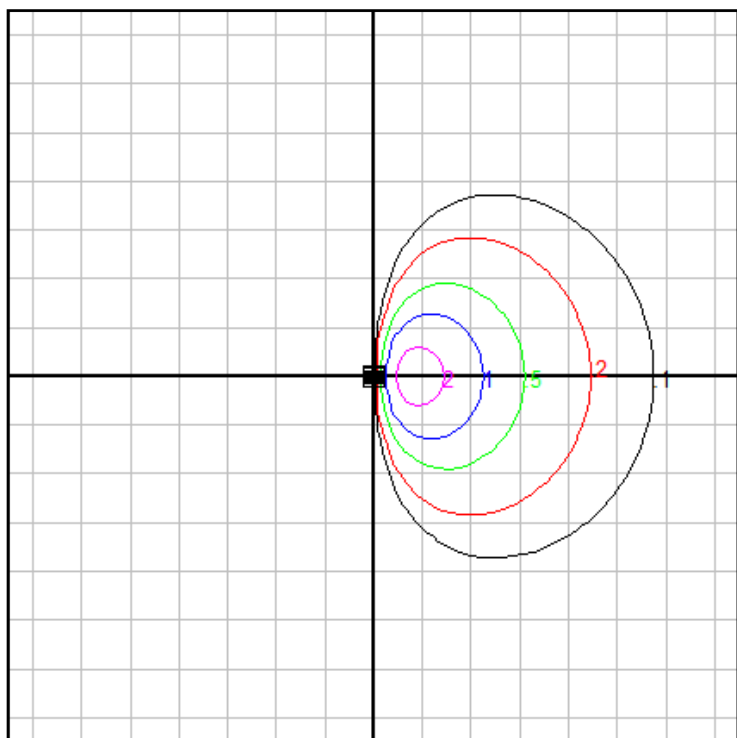
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1162
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	61
Total Luminaire Watts	19
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	407.809 (90H, 90V)
Max. Cd. (<90 Vert.)	407.519 (90H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	407.809 (35.1%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	407.519 (35.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

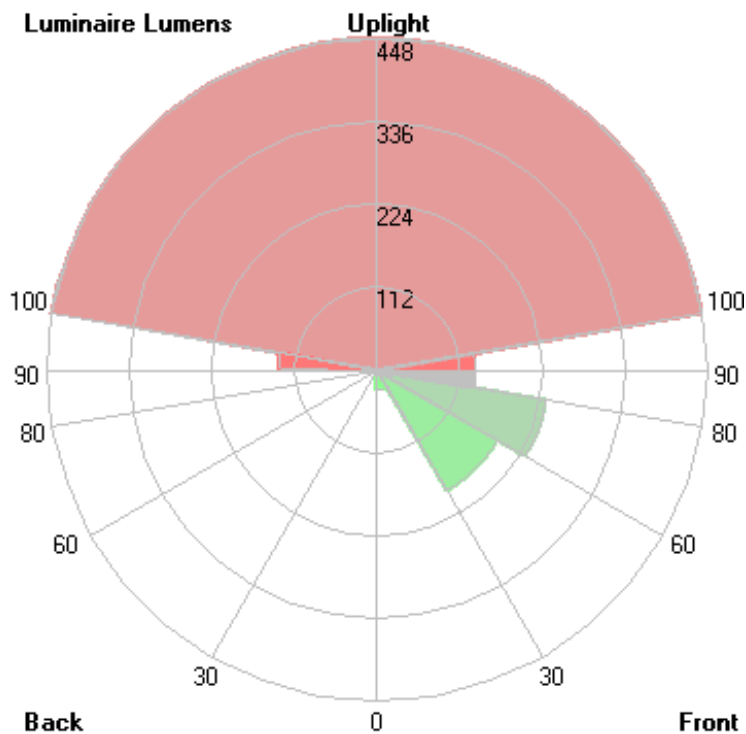
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	26.3	N.A.	2.3
FM (30-60)	188.8	N.A.	16.3
FH (60-80)	232.4	N.A.	20.0
FVH(80-90)	133.0	N.A.	11.4
BL (0-30)	0.1	N.A.	0.0
BM (30-60)	0.1	N.A.	0.0
BH (60-80)	0.1	N.A.	0.0
BVH(80-90)	< 0.05	N.A.	0.0
UL (90-100)	133.0	N.A.	11.4
UH (100-180)	447.8	N.A.	38.5
Total	1161.6	N.A.	100.0

BUG Rating B0-U3-G2



Grid Spacing: 5 ft.



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

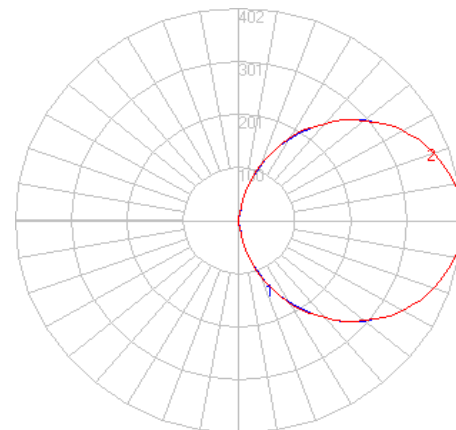
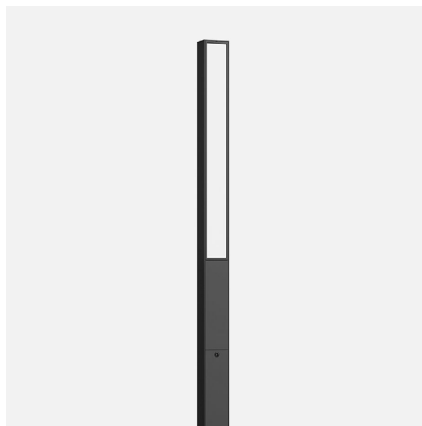
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File: 84573K3_BEGA_IES.ies

TEST: BE_84573K4
TEST LAB: BEGA
DATE: 9/3/2020
LUMINAIRE: 84 573K3
LAMP: 15.0W LED



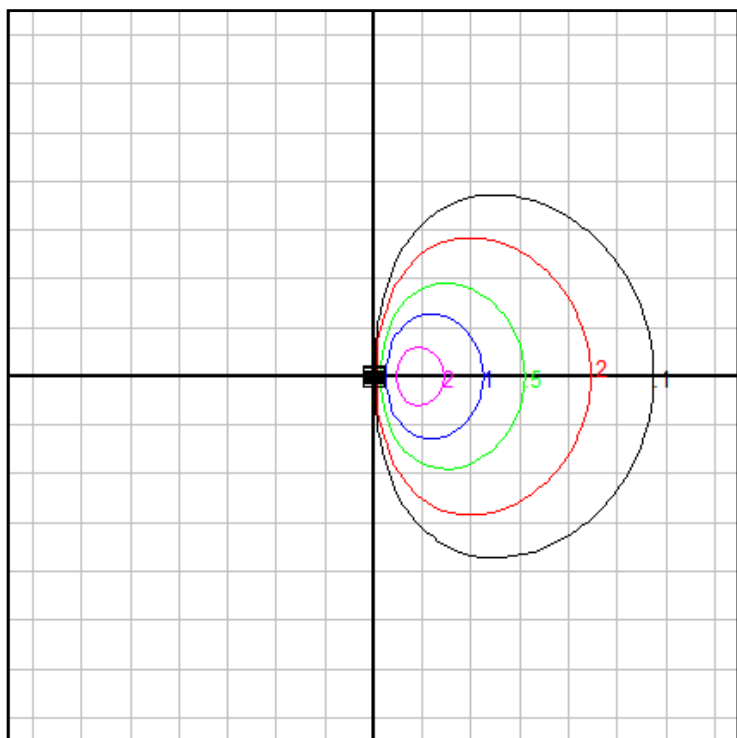
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1145
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	60
Total Luminaire Watts	19
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	401.893 (90H, 90V)
Max. Cd. (<90 Vert.)	401.607 (90H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	401.893 (35.1%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	401.607 (35.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

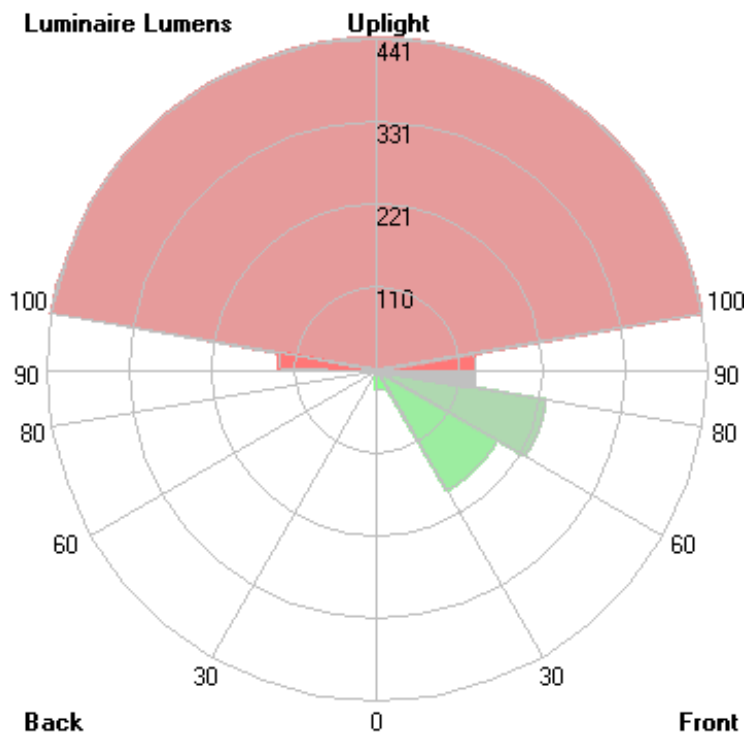
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	25.9	N.A.	2.3
FM (30-60)	186.1	N.A.	16.3
FH (60-80)	229.1	N.A.	20.0
FVH(80-90)	131.0	N.A.	11.4
BL (0-30)	0.1	N.A.	0.0
BM (30-60)	0.1	N.A.	0.0
BH (60-80)	0.1	N.A.	0.0
BVH(80-90)	< 0.05	N.A.	0.0
UL (90-100)	131.1	N.A.	11.4
UH (100-180)	441.3	N.A.	38.5
Total	1144.8	N.A.	100.0

BUG Rating B0-U3-G2



Grid Spacing: 5 ft.



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

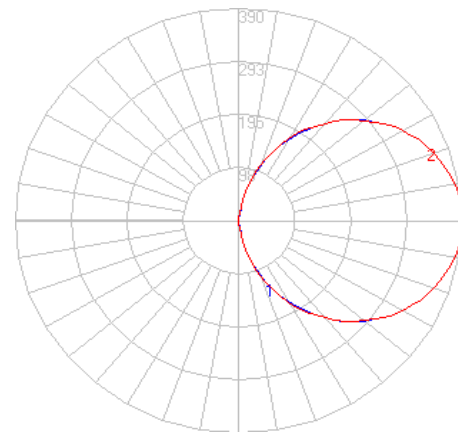
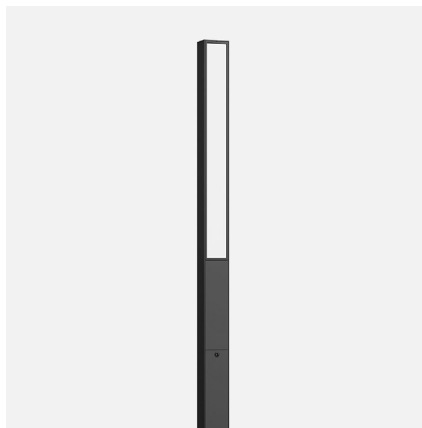
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BEGA

File: 84573K27_BEGA_IES.ies

TEST: BE_84573K4
TEST LAB: BEGA
DATE: 9/3/2020
LUMINAIRE: 84 573K27
LAMP: 15.0W LED



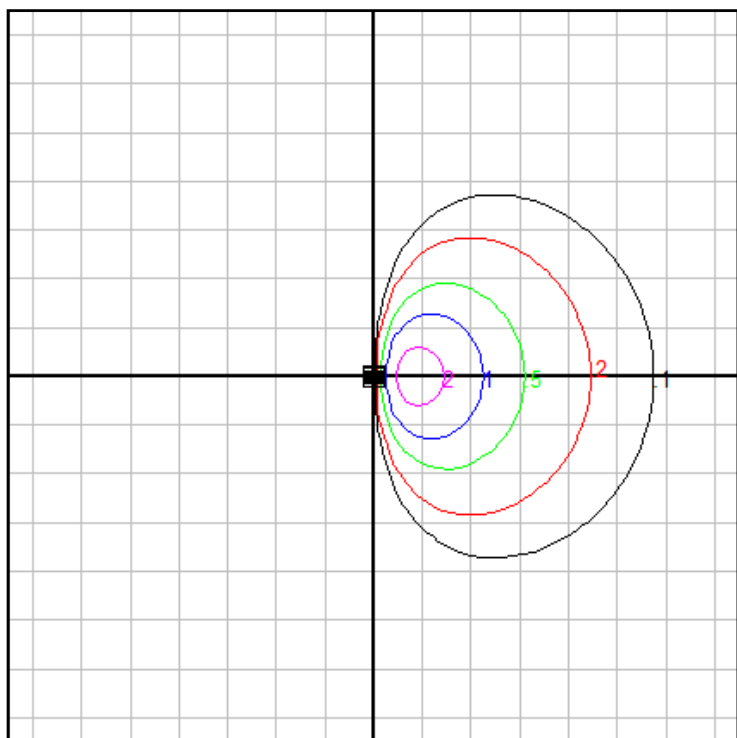
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1112
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	59
Total Luminaire Watts	19
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	390.482 (90H, 90V)
Max. Cd. (<90 Vert.)	390.205 (90H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	390.482 (35.1%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	390.205 (35.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

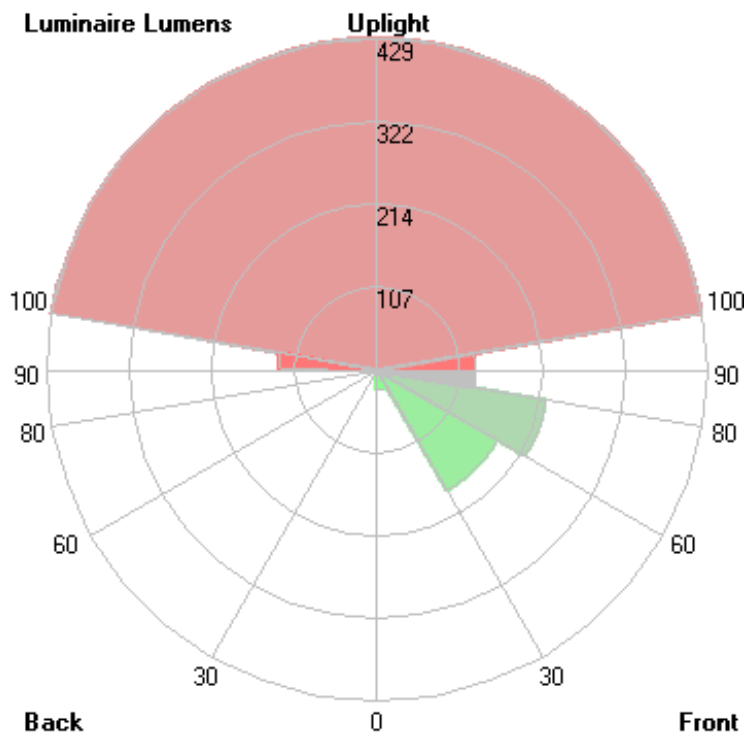
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	25.2	N.A.	2.3
FM (30-60)	180.8	N.A.	16.3
FH (60-80)	222.6	N.A.	20.0
FVH(80-90)	127.3	N.A.	11.4
BL (0-30)	0.1	N.A.	0.0
BM (30-60)	0.1	N.A.	0.0
BH (60-80)	0.1	N.A.	0.0
BVH(80-90)	< 0.05	N.A.	0.0
UL (90-100)	127.3	N.A.	11.4
UH (100-180)	428.8	N.A.	38.5
Total	1112.3	N.A.	100.0

BUG Rating B0-U3-G2



Grid Spacing: 5 ft.



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