

BEGA

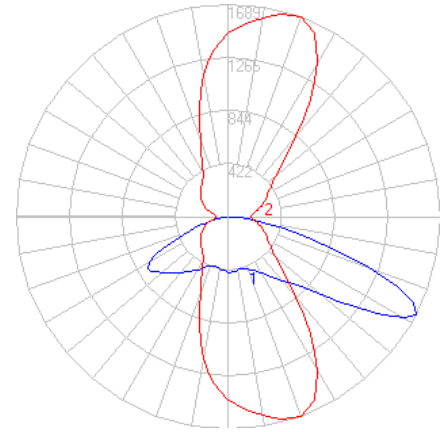
File: 84242K4_BEGA_IES.ies

TEST: BEGA_77929K4
 TEST LAB: BEGA
 DATE: 8/26/2019
 LUMINAIRE: 84 242K4
 LAMP: 31.2W LED

*Report based on a single IES file, see below for twin head iso-footcandle template

Characteristics

IES Classification	Type II
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2444
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	129
Total Luminaire Watts	19
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1688.5 (290H, 62.5V)
Max. Cd. (<90 Vert.)	1688.5 (290H, 62.5V)
Max. Cd. (At 90 Deg. Vert.)	2.2 (0.1%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	281.8 (11.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

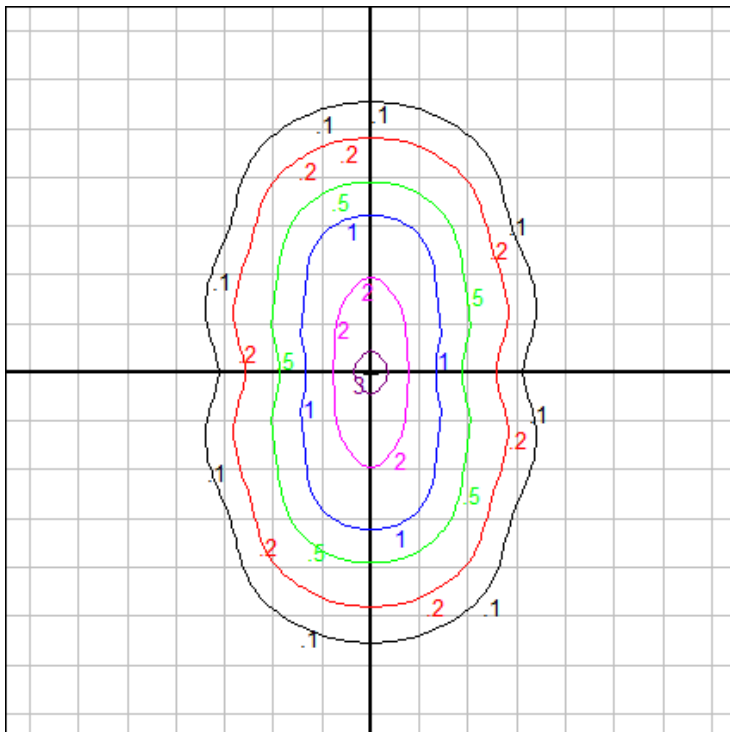


Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	180.6	N.A.	7.4
FM (30-60)	701.7	N.A.	28.7
FH (60-80)	561.3	N.A.	23.0
FVH(80-90)	26.7	N.A.	1.1
BL (0-30)	169.6	N.A.	6.9
BM (30-60)	533.1	N.A.	21.8
BH (60-80)	261.1	N.A.	10.7
BVH(80-90)	9.8	N.A.	0.4
UL (90-100)	0.1	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	2444.0	N.A.	100.0

BUG Rating B1-U0*-G1

*Fixture has measured rating of U1 due to testing above 90 degrees and stray light from reflection off of the fixture body. Upon visual inspection of luminaire, it has a flat lens and opaque sides, there is no significant uplift (<0.5%), and it has therefore been assigned a value of U0. Consult factory for more information.

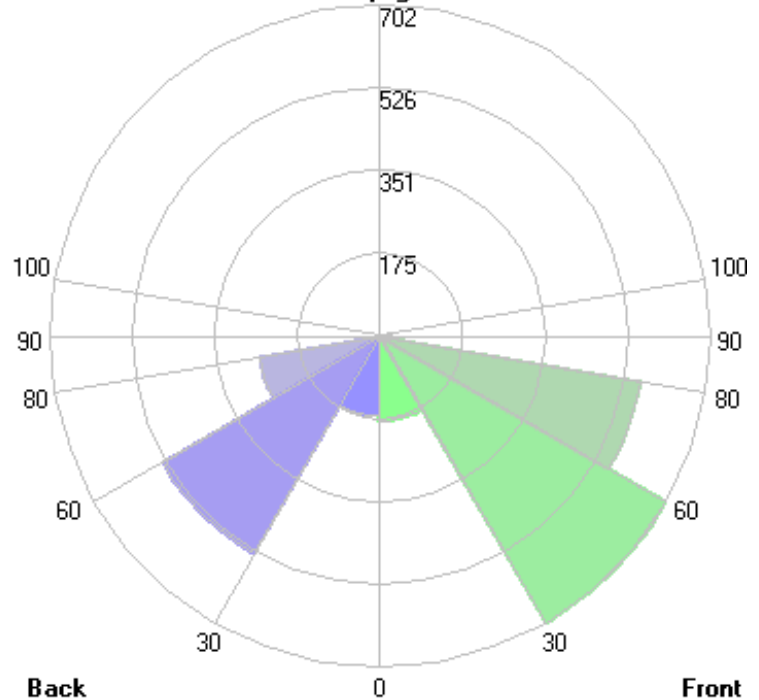


Mounting Height: 16 ft.

Grid Spacing: 10 ft.

Luminaire Lumens

Uplight



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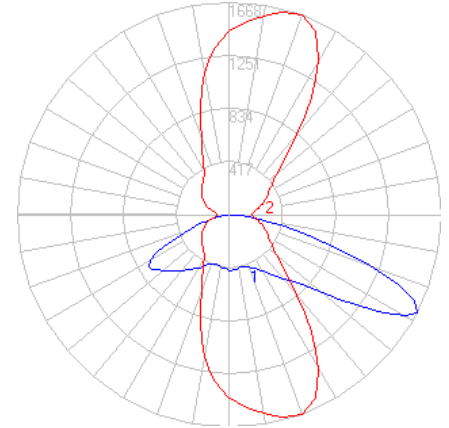
File: 84242K35_BEGA_IES.ies

TEST: BEGA_77929K4
TEST LAB: BEGA
DATE: 8/26/2019
LUMINAIRE: 84 242K35
LAMP: 31.2W LED

*Report based on a single IES file, see below for twin head iso-footcandle template

Characteristics

IES Classification	Type II
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2415
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	127
Total Luminaire Watts	19
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1668.238 (290H, 62.5V)
Max. Cd. (<90 Vert.)	1668.238 (290H, 62.5V)
Max. Cd. (At 90 Deg. Vert.)	2.174 (0.1%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	278.418 (11.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

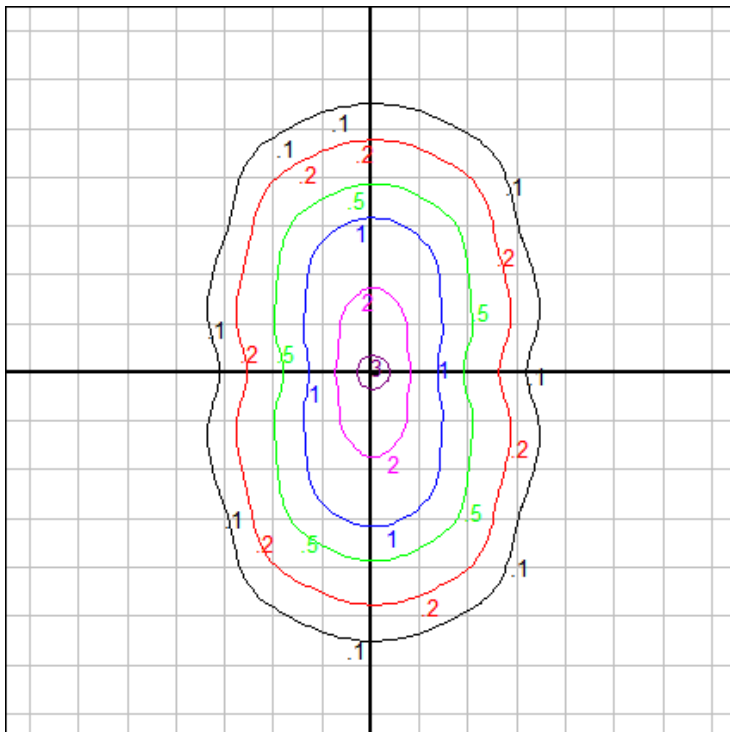


Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	178.4	N.A.	7.4
FM (30-60)	693.3	N.A.	28.7
FH (60-80)	554.5	N.A.	23.0
FVH(80-90)	26.4	N.A.	1.1
BL (0-30)	167.6	N.A.	6.9
BM (30-60)	526.7	N.A.	21.8
BH (60-80)	258.0	N.A.	10.7
BVH(80-90)	9.6	N.A.	0.4
UL (90-100)	0.1	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	2414.6	N.A.	100.0

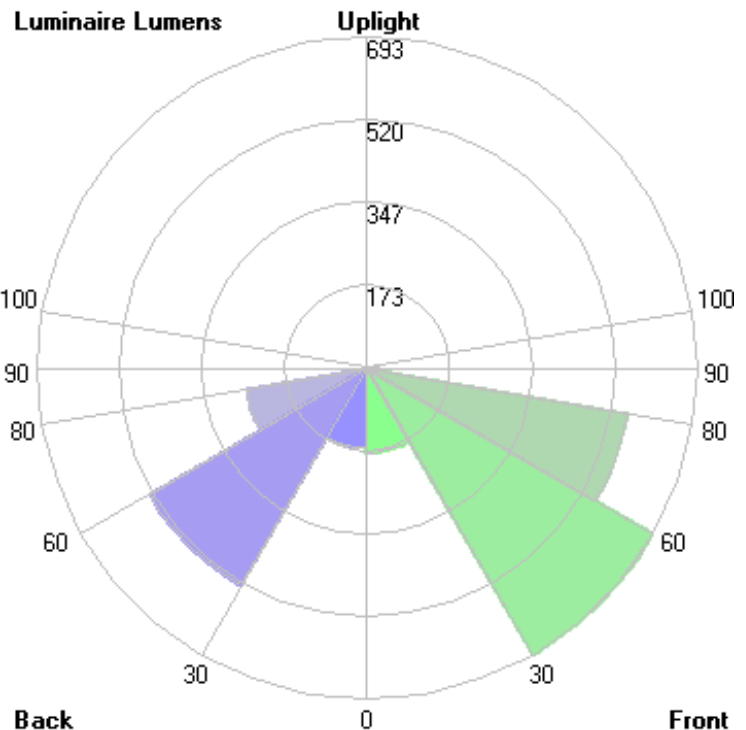
BUG Rating B1-U0*-G1

*Fixture has measured rating of U1 due to testing above 90 degrees and stray light from reflection off of the fixture body. Upon visual inspection of luminaire, it has a flat lens and opaque sides, there is no significant uplight (<0.5%), and it has therefore been assigned a value of U0. Consult factory for more information.



Mounting Height: 16 ft.

Grid Spacing: 10 ft.



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

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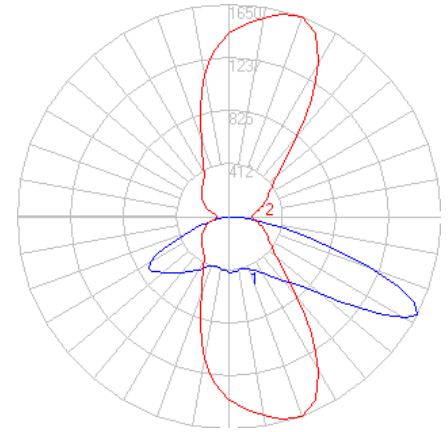
File: 84242K3_BEGA_IES.ies

TEST: BEGA_77929K4
TEST LAB: BEGA
DATE: 8/26/2019
LUMINAIRE: 84 242K3
LAMP: 31.2W LED

*Report based on a single IES file, see below for twin head iso-footcandle template

Characteristics

IES Classification	Type II
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2388
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	126
Total Luminaire Watts	19
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1649.664 (290H, 62.5V)
Max. Cd. (<90 Vert.)	1649.664 (290H, 62.5V)
Max. Cd. (At 90 Deg. Vert.)	2.149 (0.1%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	275.319 (11.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

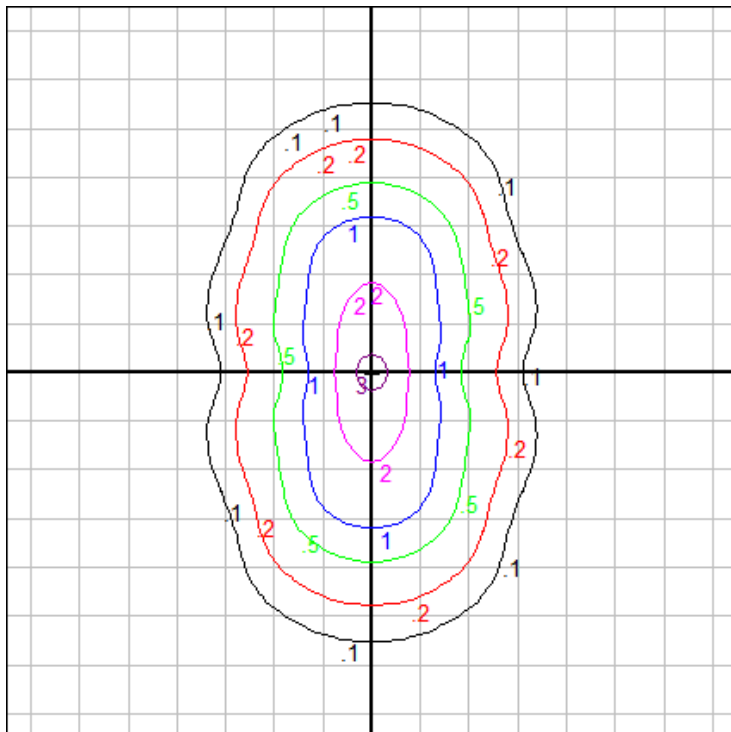


Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	176.4	N.A.	7.4
FM (30-60)	685.6	N.A.	28.7
FH (60-80)	548.4	N.A.	23.0
FVH(80-90)	26.1	N.A.	1.1
BL (0-30)	165.7	N.A.	6.9
BM (30-60)	520.9	N.A.	21.8
BH (60-80)	255.1	N.A.	10.7
BVH(80-90)	9.5	N.A.	0.4
UL (90-100)	0.1	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	2387.8	N.A.	100.0

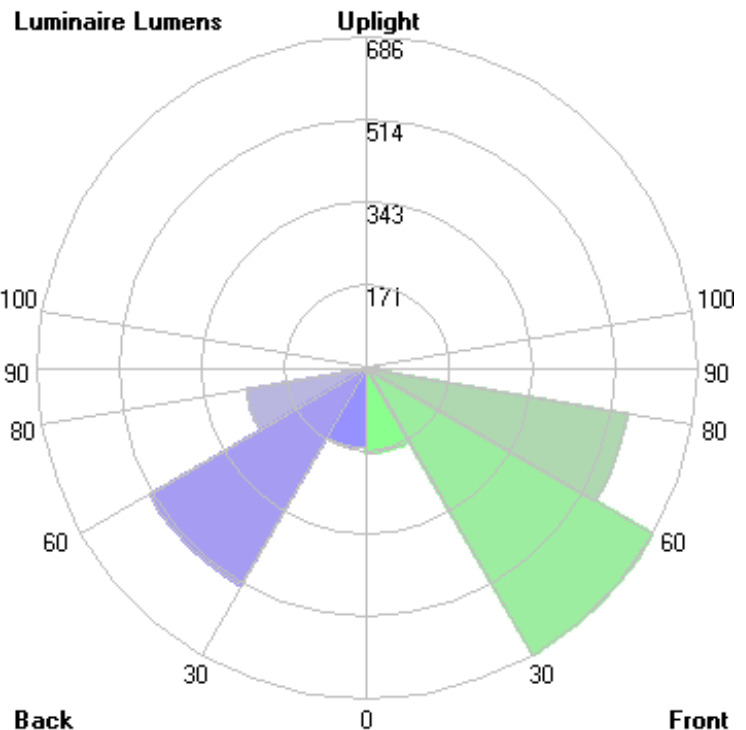
BUG Rating B1-U0*-G1

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Mounting Height: 16 ft.

Grid Spacing: 10 ft.



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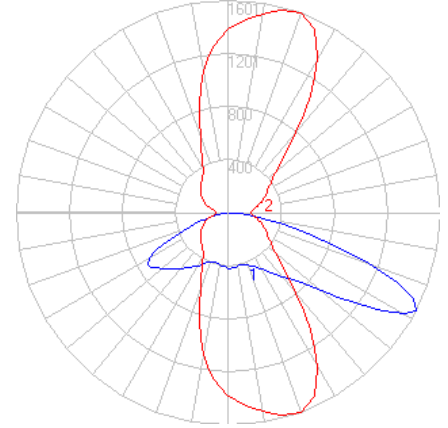
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File: 84242K27_BEGA_IES.ies

TEST: BEGA_77929K4
TEST LAB: BEGA
DATE: 8/26/2019
LUMINAIRE: 84 242K27
LAMP: 31.2W LED

*Report based on a single IES file, see below for twin head iso-footcandle template



Characteristics

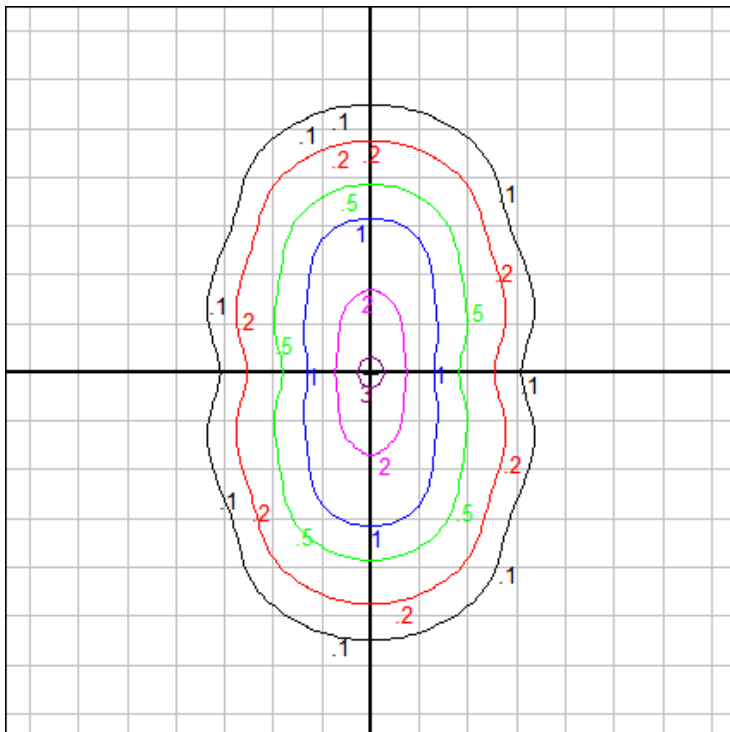
IES Classification	Type II
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2317
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	122
Total Luminaire Watts	19
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1600.698 (290H, 62.5V)
Max. Cd. (<90 Vert.)	1600.698 (290H, 62.5V)
Max. Cd. (At 90 Deg. Vert.)	2.086 (0.1%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	267.146 (11.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	171.2	N.A.	7.4
FM (30-60)	665.2	N.A.	28.7
FH (60-80)	532.1	N.A.	23.0
FVH(80-90)	25.3	N.A.	1.1
BL (0-30)	160.8	N.A.	6.9
BM (30-60)	505.4	N.A.	21.8
BH (60-80)	247.5	N.A.	10.7
BV (80-90)	9.2	N.A.	0.4
UL (90-100)	0.1	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	2316.8	N.A.	100.0

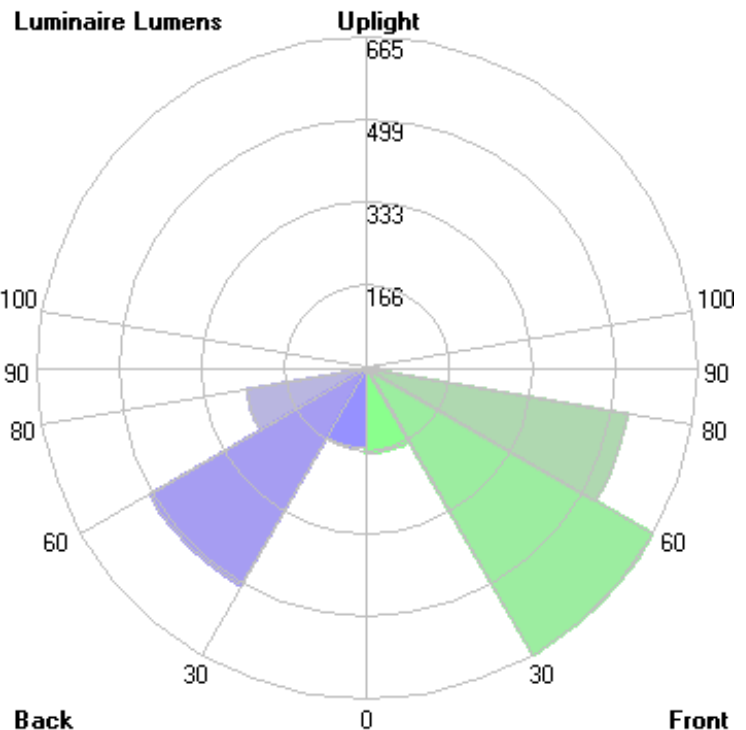
BUG Rating B1-U0*-G1

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Mounting Height: 16 ft.

Grid Spacing: 10 ft.



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