

BEGA

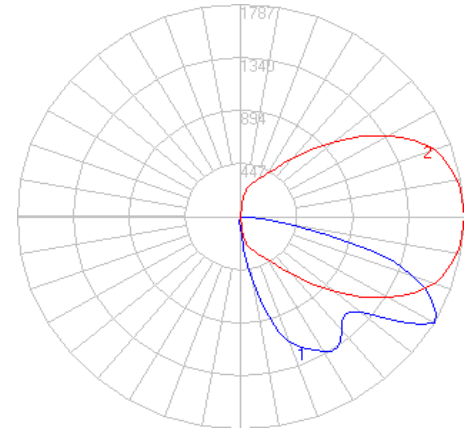
File: 84253K4_BEGA_IES.ies

TEST: BE_84252K3
TEST LAB: BEGA
DATE: 01/09/2019
LUMINAIRE: 84 253K4
LAMP: (2) 12.6W LED

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

Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2050
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	121
Total Luminaire Watts	17
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1787.04 (360H, 60V)
Max. Cd. (<90 Vert.)	1787.04 (360H, 60V)
Max. Cd. (At 90 Deg. Vert.)	.204 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	400.35 (19.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

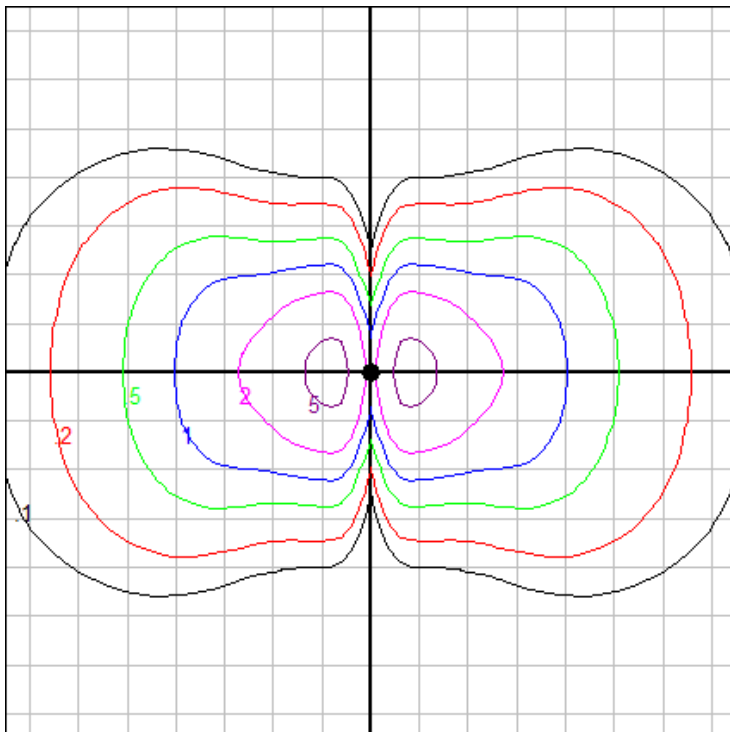


Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	286.5	N.A.	14.0
FM (30-60)	1014.4	N.A.	49.5
FH (60-80)	680.5	N.A.	33.2
FVH(80-90)	29.9	N.A.	1.5
BL (0-30)	23.3	N.A.	1.1
BM (30-60)	11.8	N.A.	0.6
BH (60-80)	2.8	N.A.	0.1
BVH(80-90)	0.6	N.A.	0.0
UL (90-100)	< 0.05	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	2049.8	N.A.	100.0

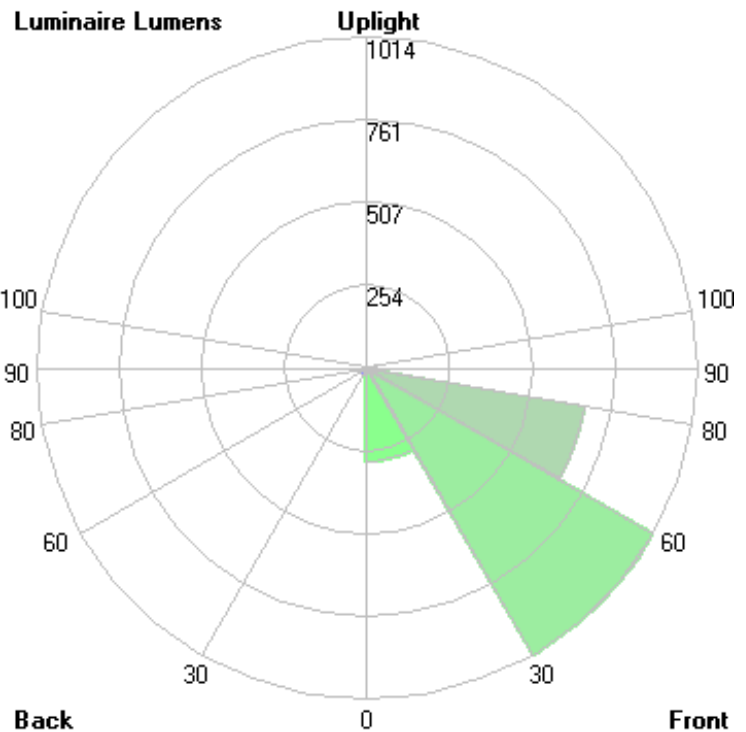
BUG Rating B0-U0*-G1

*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: 12 ft.

Grid spacing: 6 ft.



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

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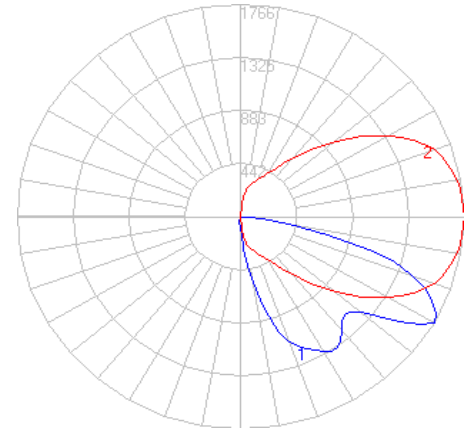
File: 84253K35_BEGA_IES.ies

TEST: BE_84252K3
TEST LAB: BEGA
DATE: 01/09/2019
LUMINAIRE: 84 253K35
LAMP: (2) 12.6W LED

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

Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2026
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	119
Total Luminaire Watts	17
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1766.016 (360H, 60V)
Max. Cd. (<90 Vert.)	1766.016 (360H, 60V)
Max. Cd. (At 90 Deg. Vert.)	.202 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	395.64 (19.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

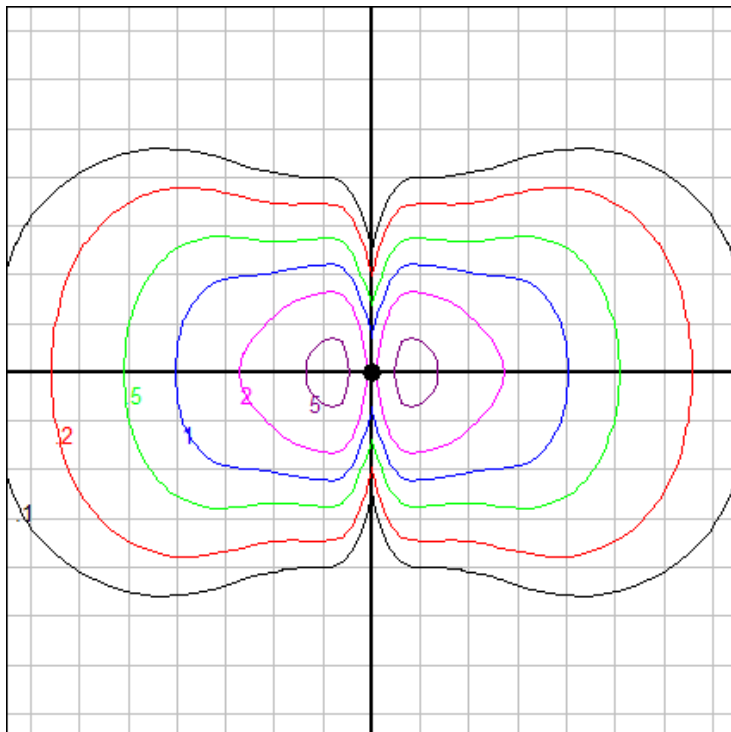


Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	283.2	N.A.	14.0
FM (30-60)	1002.5	N.A.	49.5
FH (60-80)	672.5	N.A.	33.2
FVH(80-90)	29.6	N.A.	1.5
BL (0-30)	23.1	N.A.	1.1
BM (30-60)	11.6	N.A.	0.6
BH (60-80)	2.8	N.A.	0.1
BVH(80-90)	0.6	N.A.	0.0
UL (90-100)	< 0.05	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	2025.9	N.A.	100.0

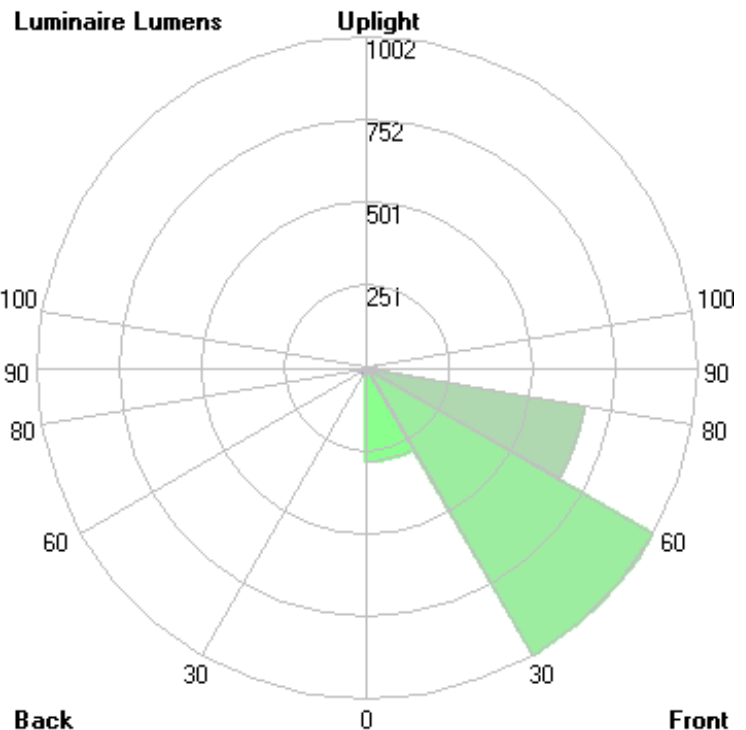
BUG Rating B0-U0*-G1

*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: 12 ft.

Grid spacing: 6 ft.



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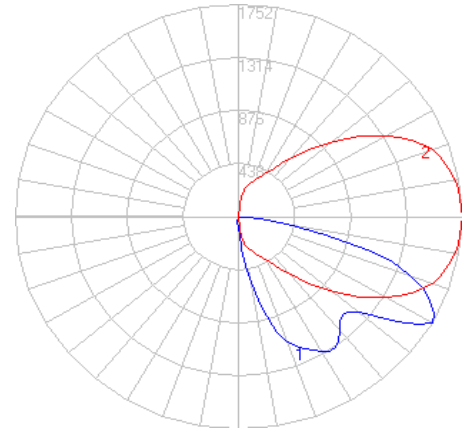
File: 84253K3_BEGA_IES.ies

TEST: BE_84252K3
TEST LAB: BEGA
DATE: 01/09/2019
LUMINAIRE: 84 253K3
LAMP: (2) 12.6W LED

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

Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2010
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	118
Total Luminaire Watts	17
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1752 (360H, 60V)
Max. Cd. (<90 Vert.)	1752 (360H, 60V)
Max. Cd. (At 90 Deg. Vert.)	.2 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	392.5 (19.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

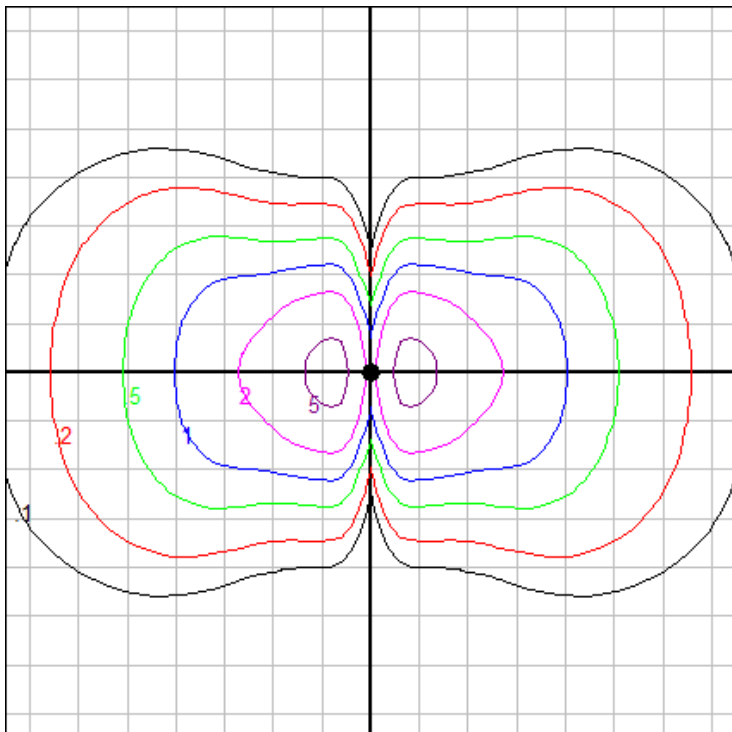


Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	280.9	N.A.	14.0
FM (30-60)	994.5	N.A.	49.5
FH (60-80)	667.1	N.A.	33.2
FVH(80-90)	29.4	N.A.	1.5
BL (0-30)	22.9	N.A.	1.1
BM (30-60)	11.5	N.A.	0.6
BH (60-80)	2.7	N.A.	0.1
BVH(80-90)	0.6	N.A.	0.0
UL (90-100)	< 0.05	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	2009.6	N.A.	100.0

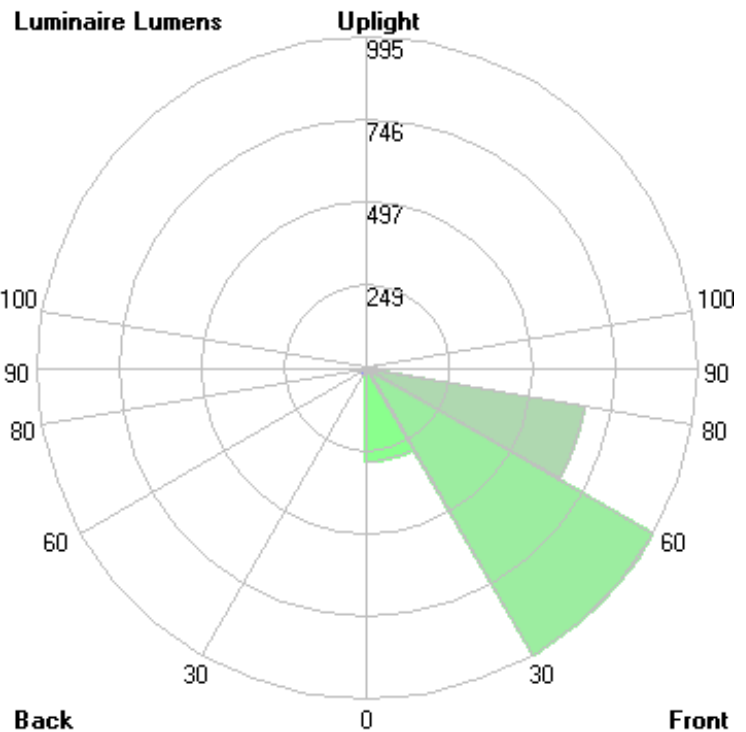
BUG Rating B0-U0*-G1

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Mounting height: 12 ft.

Grid spacing: 6 ft.



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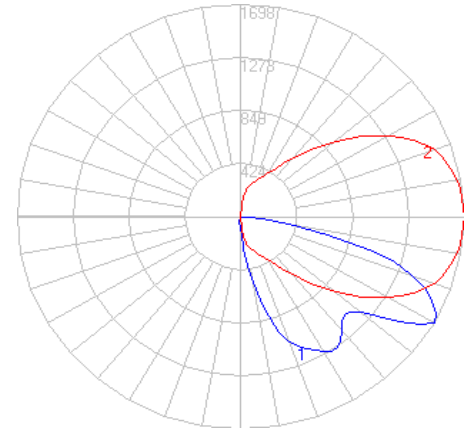
File: 84253K27_BEGA_IES.ies

TEST: BE_84252K3
TEST LAB: BEGA
DATE: 01/09/2019
LUMINAIRE: 84 253K27
LAMP: (2) 12.6W LED

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

Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1947
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	115
Total Luminaire Watts	17
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1697.688 (360H, 60V)
Max. Cd. (<90 Vert.)	1697.688 (360H, 60V)
Max. Cd. (At 90 Deg. Vert.)	.194 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	380.332 (19.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

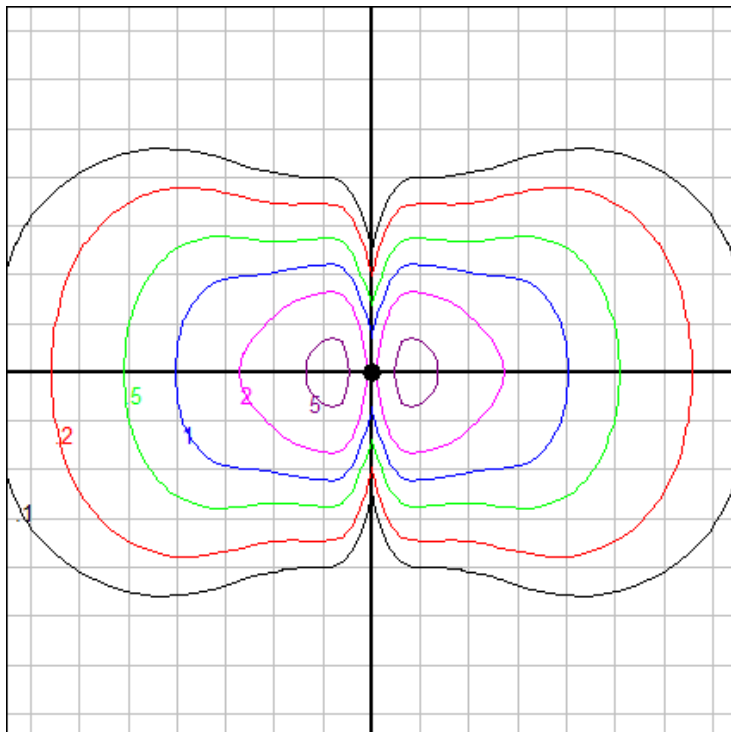


Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	272.2	N.A.	14.0
FM (30-60)	963.7	N.A.	49.5
FH (60-80)	646.5	N.A.	33.2
FVH(80-90)	28.4	N.A.	1.5
BL (0-30)	22.2	N.A.	1.1
BM (30-60)	11.2	N.A.	0.6
BH (60-80)	2.6	N.A.	0.1
BVH(80-90)	0.6	N.A.	0.0
UL (90-100)	< 0.05	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	1947.4	N.A.	100.0

BUG Rating B0-U0*-G1

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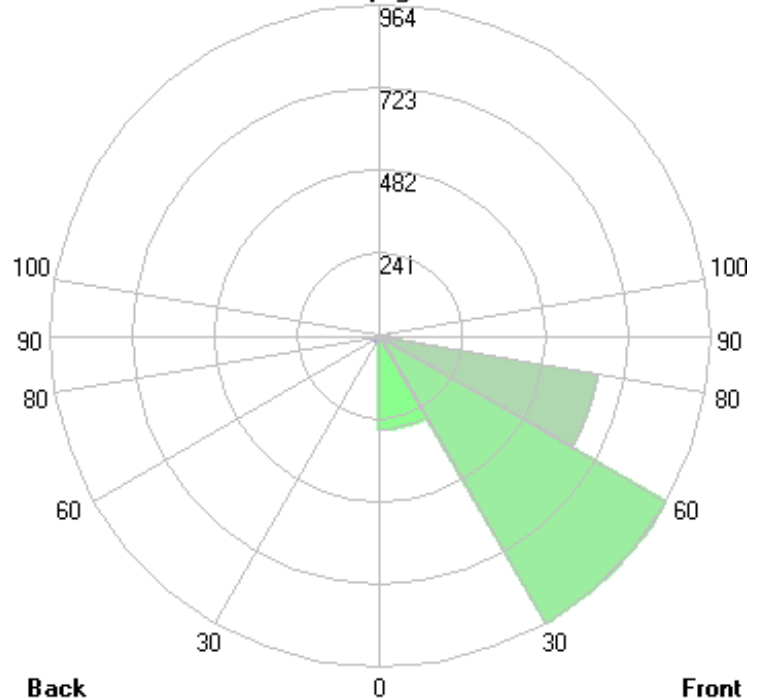


Mounting height: 12 ft.

Grid spacing: 6 ft.

Luminaire Lumens

Uplight



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