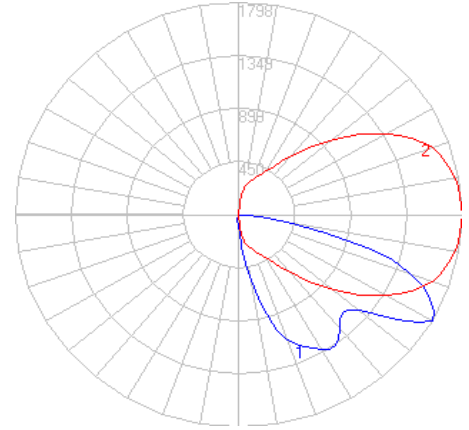


BEGA

File: 24350K4_BEGA_IES.ies

TEST: BE_24350K4
TEST LAB: BEGA
DATE: 01/09/2019
LUMINAIRE: 24 350K4
LAMP: 12.6W LED



Characteristics

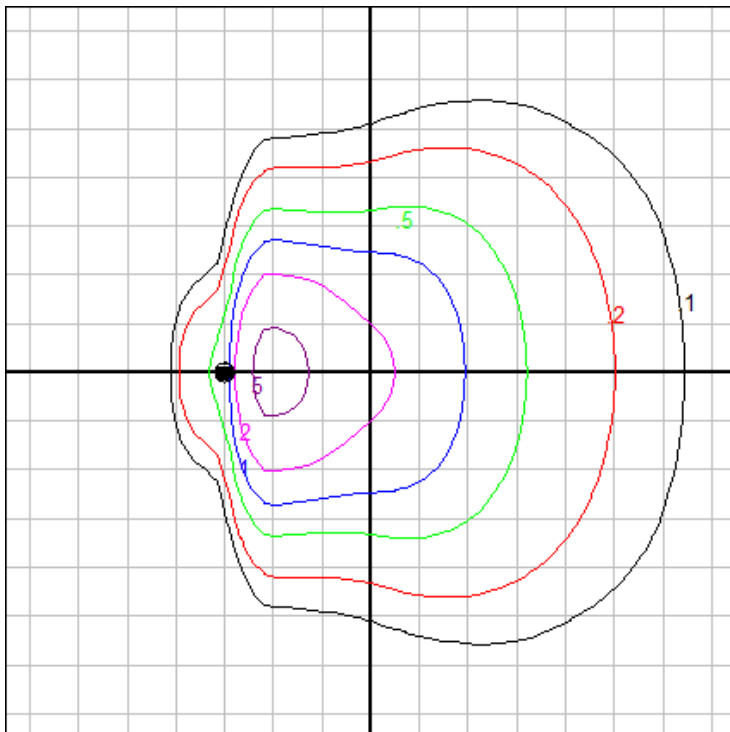
IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2063
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	121
Total Luminaire Watts	17
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1798.2 (360H, 60V)
Max. Cd. (<90 Vert.)	1798.2 (360H, 60V)
Max. Cd. (At 90 Deg. Vert.)	.2 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	402.8 (19.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	288.3	N.A.	14.0
FM (30-60)	1020.7	N.A.	49.5
FH (60-80)	684.7	N.A.	33.2
FVH(80-90)	30.1	N.A.	1.5
BL (0-30)	23.5	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	2062.5	N.A.	100.0

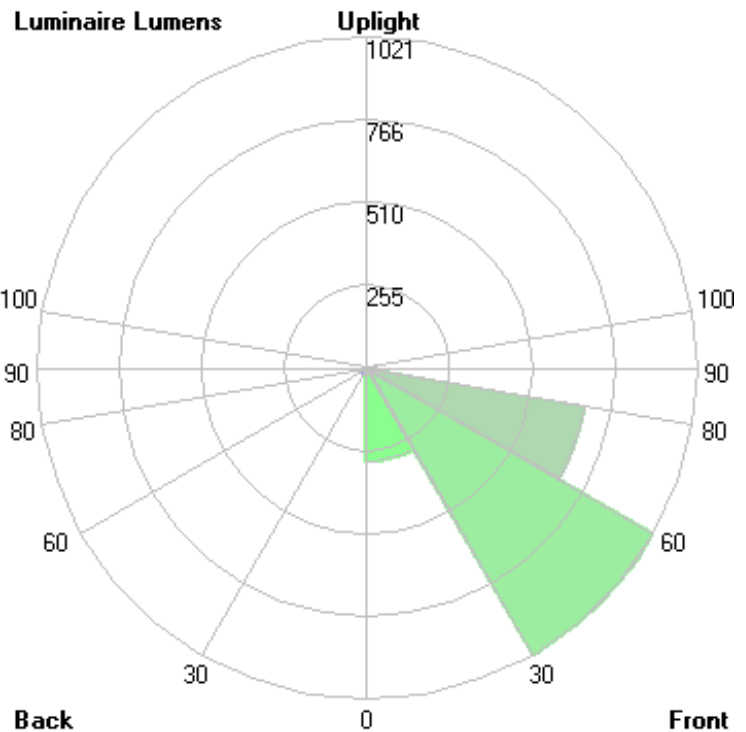
BUG Rating B0-U0*-G1

*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: 5 ft.



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

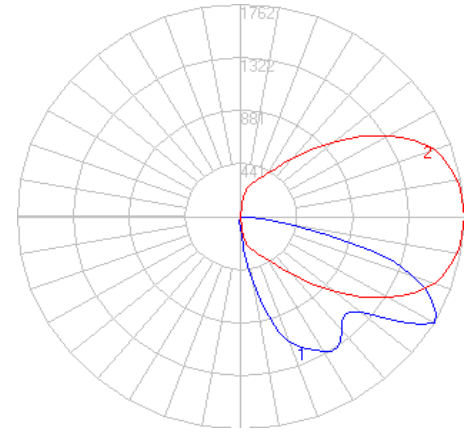
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BEGA

File: 24350K35_BEGA_IES.ies

TEST: BE_24350K4
TEST LAB: BEGA
DATE: 01/09/2019
LUMINAIRE: 24 350K35
LAMP: 12.6W LED



Characteristics

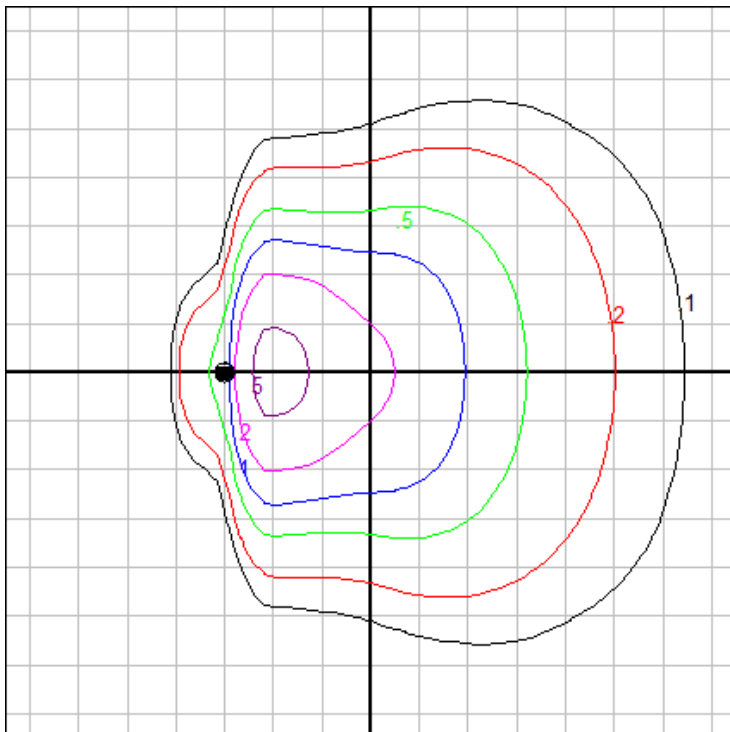
IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2021
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	119
Total Luminaire Watts	17
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1762.236 (360H, 60V)
Max. Cd. (<90 Vert.)	1762.236 (360H, 60V)
Max. Cd. (At 90 Deg. Vert.)	.196 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	394.744 (19.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	282.5	N.A.	14.0
FM (30-60)	1000.3	N.A.	49.5
FH (60-80)	671.0	N.A.	33.2
FVH(80-90)	29.5	N.A.	1.5
BL (0-30)	23.0	N.A.	1.1
BM (30-60)	11.6	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	2021.2	N.A.	100.0

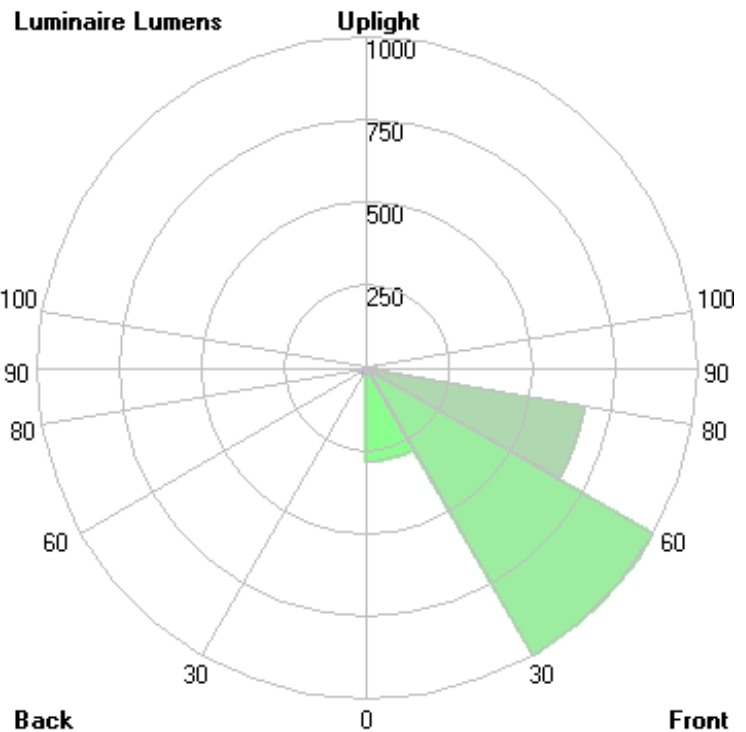
BUG Rating B0-U0*-G1

*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: 5 ft.



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

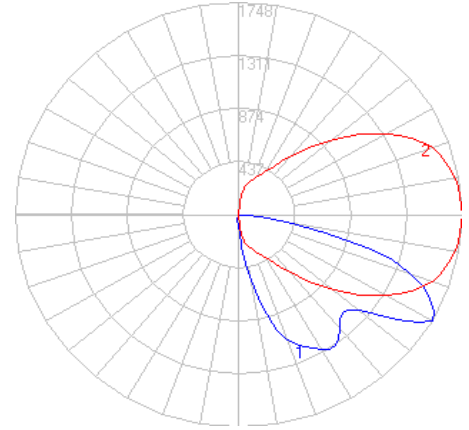
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BEGA

File: 24350K3_BEGA_IES.ies

TEST: BE_24350K4
TEST LAB: BEGA
DATE: 01/09/2019
LUMINAIRE: 24 350K3
LAMP: 12.6W LED



Characteristics

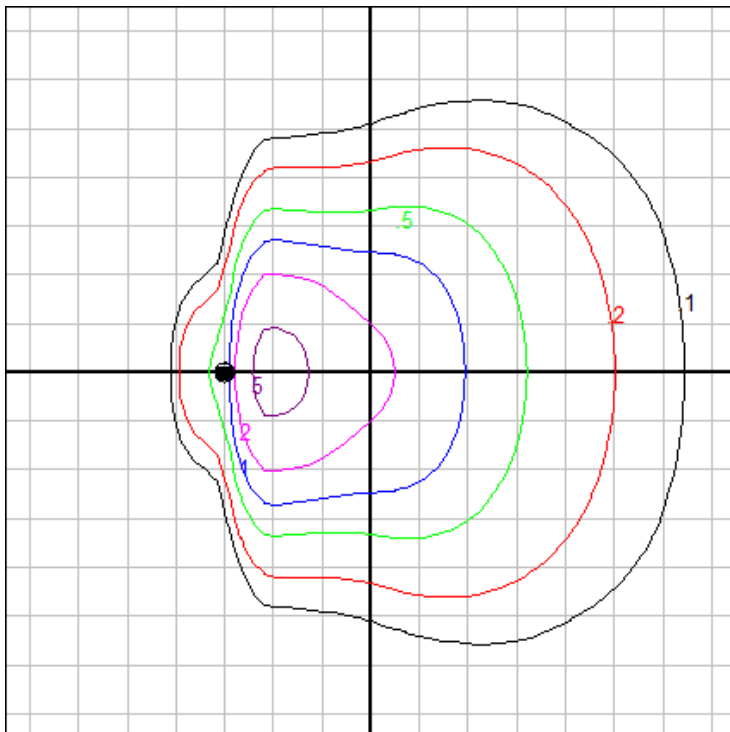
IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2005
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	118
Total Luminaire Watts	17
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1747.85 (360H, 60V)
Max. Cd. (<90 Vert.)	1747.85 (360H, 60V)
Max. Cd. (At 90 Deg. Vert.)	.194 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	391.522 (19.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	280.2	N.A.	14.0
FM (30-60)	992.2	N.A.	49.5
FH (60-80)	665.5	N.A.	33.2
FVH(80-90)	29.3	N.A.	1.5
BL (0-30)	22.8	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	2004.8	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

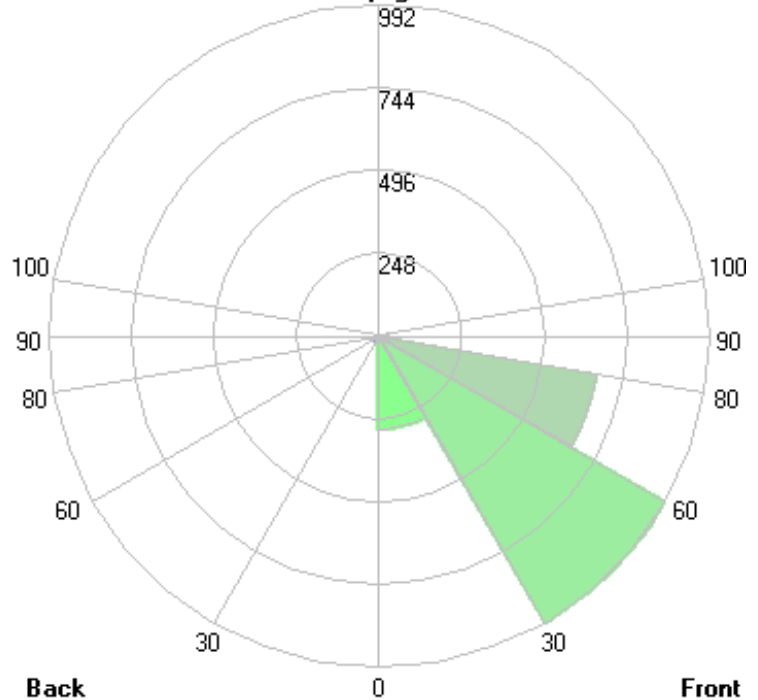


Mounting height: 12 ft.

Grid spacing: 5 ft.

Luminaire Lumens

Uplight



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

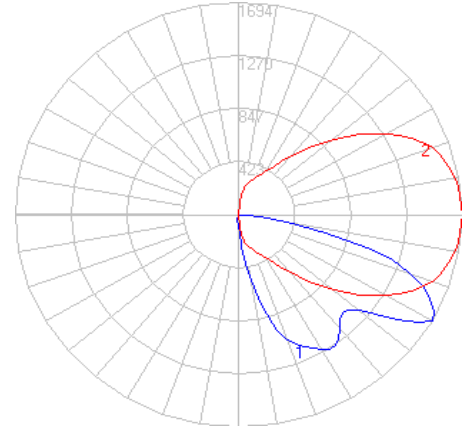
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BEGA

File: 24350K27_BEGA_IES.ies

TEST: BE_24350K4
TEST LAB: BEGA
DATE: 01/09/2019
LUMINAIRE: 24 350K27
LAMP: 12.6W LED



Characteristics

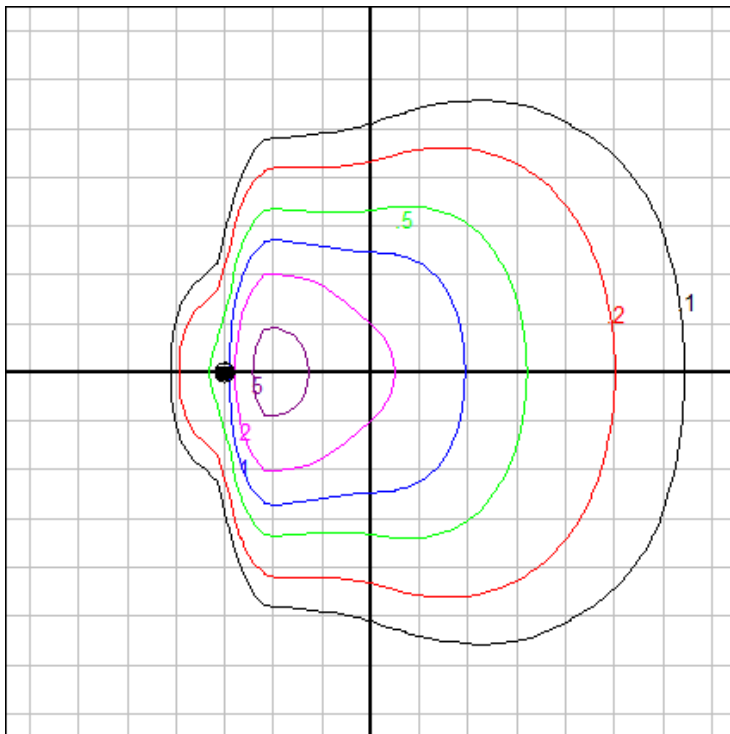
IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1943
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	114
Total Luminaire Watts	17
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1693.904 (360H, 60V)
Max. Cd. (<90 Vert.)	1693.904 (360H, 60V)
Max. Cd. (At 90 Deg. Vert.)	.188 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	379.438 (19.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	271.6	N.A.	14.0
FM (30-60)	961.5	N.A.	49.5
FH (60-80)	645.0	N.A.	33.2
FVH(80-90)	28.4	N.A.	1.5
BL (0-30)	22.1	N.A.	1.1
BM (30-60)	11.1	N.A.	0.6
BH (60-80)	2.6	N.A.	0.1
BVH(80-90)	0.5	N.A.	0.0
UL (90-100)	< 0.05	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	1942.8	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

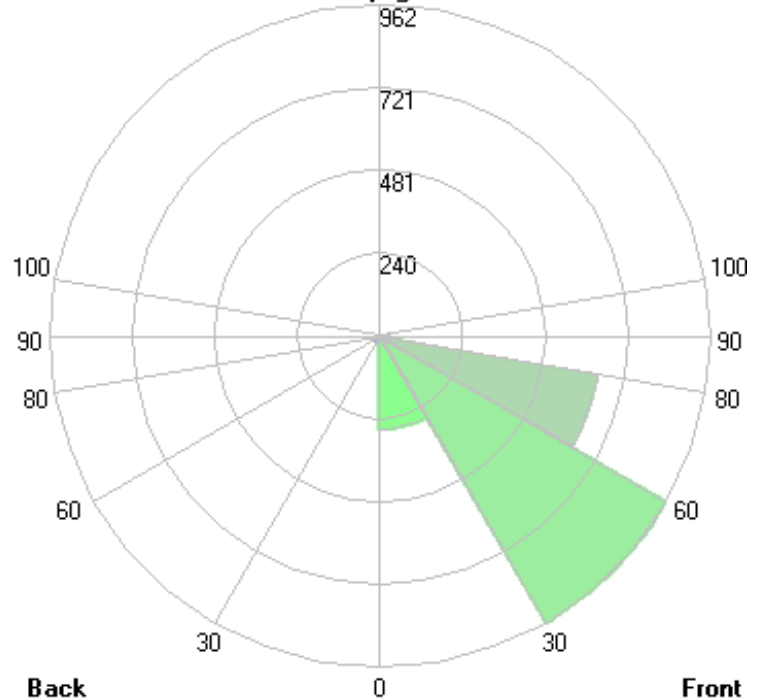


Mounting height: 12 ft.

Grid spacing: 5 ft.

Luminaire Lumens

Uplight



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