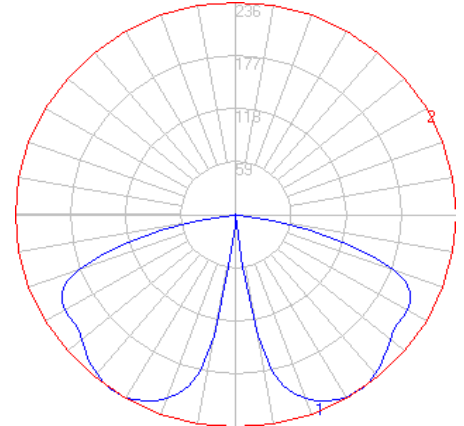


BEGA

File: 84751K4_BEGA_IES.ies

TEST: 84751K4
TEST LAB: BEGA
DATE: 11/08/2022
LUMINAIRE: 84751K4
LAMP: 7.4W LED



Characteristics

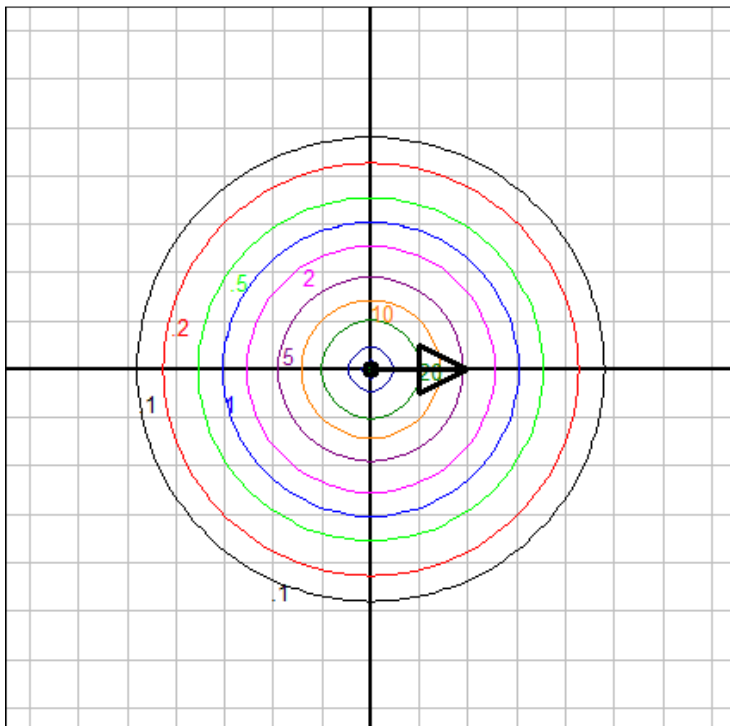
IES Classification	Type V
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1010
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	84
Total Luminaire Watts	12
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	235.9 (0H, 32.5V)
Max. Cd. (<90 Vert.)	235.9 (0H, 32.5V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	41.3 (4.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

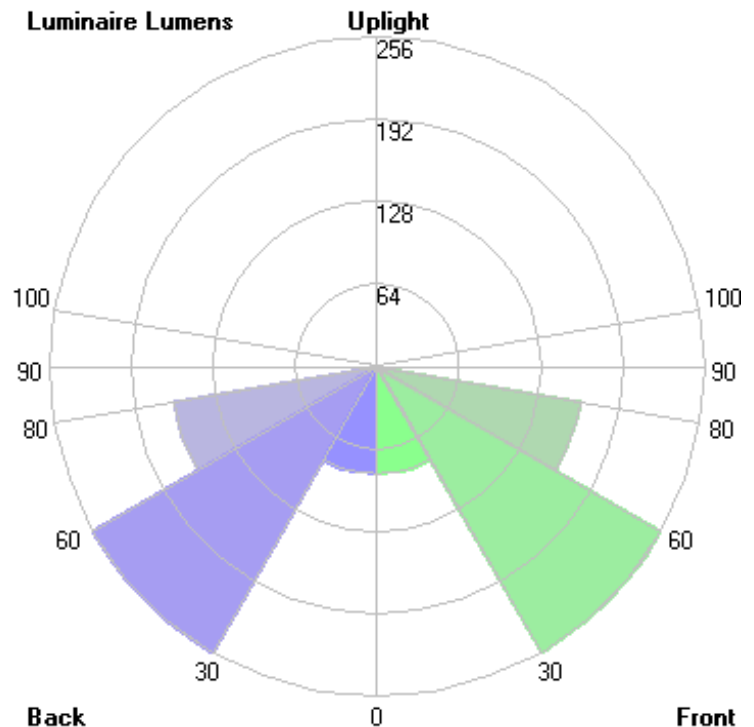
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	83.1	N.A.	8.2
FM (30-60)	255.7	N.A.	25.3
FH (60-80)	161.2	N.A.	16.0
FVH (80-90)	4.9	N.A.	0.5
BL (0-30)	83.1	N.A.	8.2
BM (30-60)	255.7	N.A.	25.3
BH (60-80)	161.2	N.A.	16.0
BVH (80-90)	4.9	N.A.	0.5
UL (90-100)	< 0.05	N.A.	0.0
UH (100-180)	0.2	N.A.	0.0
Total	1010.0	N.A.	100.0

BUG Rating **B1-U0*-G0**

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 the luminaire, there is no significant uplight (<0.5%), and it has therefore been assigned a value of U0. Consult factory for more information.



Grid Spacing: 2 ft.



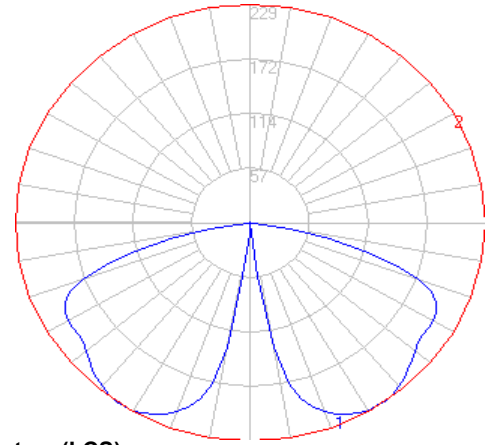
BEGA

File: 84751K35_BEGA_IES.ies

TEST: 84751K4
TEST LAB: BEGA
DATE: 11/08/2022
LUMINAIRE: 84751K35
LAMP: 7.4W LED

Characteristics

IES Classification	Type V
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	979
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	82
Total Luminaire Watts	12
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	228.823 (0H, 32.5V)
Max. Cd. (<90 Vert.)	228.823 (0H, 32.5V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	40.061 (4.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

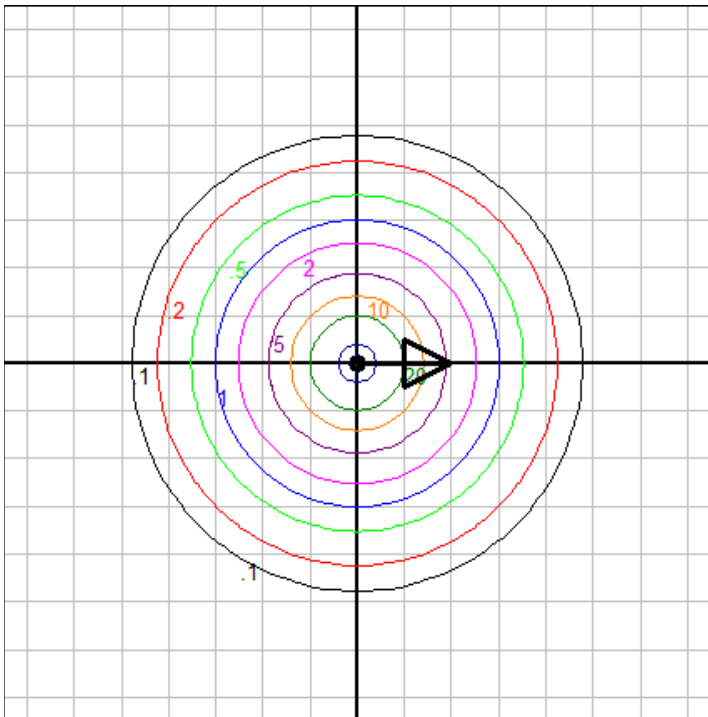


Lum. Classification System (LCS)

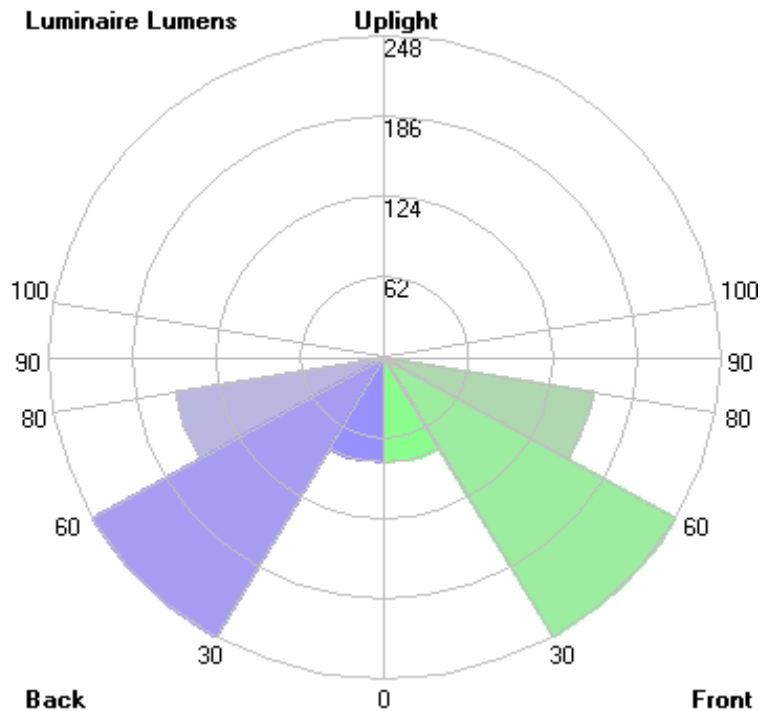
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	80.6	N.A.	8.2
FM (30-60)	248.1	N.A.	25.3
FH (60-80)	156.3	N.A.	16.0
FVH (80-90)	4.7	N.A.	0.5
BL (0-30)	80.6	N.A.	8.2
BM (30-60)	248.1	N.A.	25.3
BH (60-80)	156.3	N.A.	16.0
BVH (80-90)	4.7	N.A.	0.5
UL (90-100)	< 0.05	N.A.	0.0
UH (100-180)	0.2	N.A.	0.0
Total	979.6	N.A.	100.0

BUG Rating B1-U0*-G0

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 the luminaire, there is no significant uplight (<0.5%), and it has therefore been assigned a value of U0. Consult factory for more information.



Grid Spacing: 2 ft.



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

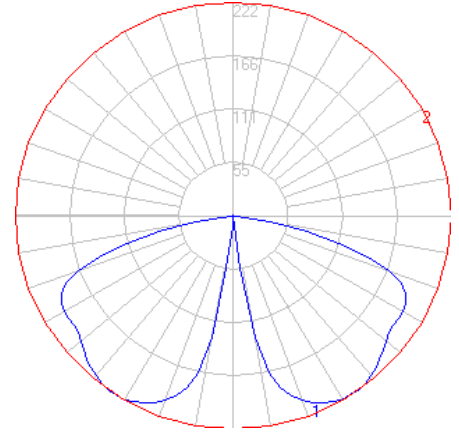
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BEGA

File: 84751K3_BEGA_IES.ies

TEST: 84751K4
TEST LAB: BEGA
DATE: 11/08/2022
LUMINAIRE: 84751K3
LAMP: 7.4W LED



Characteristics

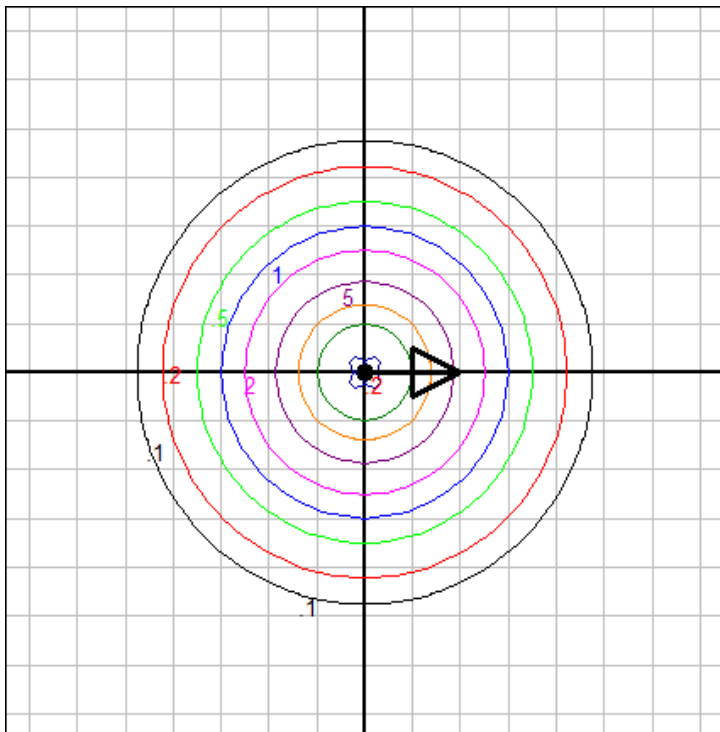
IES Classification	Type V
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	950
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	79
Total Luminaire Watts	12
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	221.982 (0H, 32.5V)
Max. Cd. (<90 Vert.)	221.982 (0H, 32.5V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	38.863 (4.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

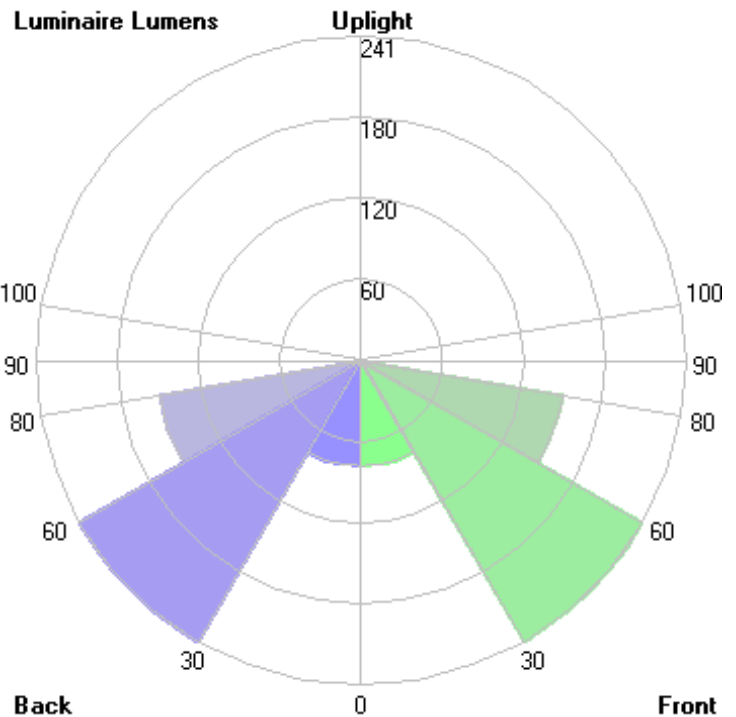
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	78.2	N.A.	8.2
FM (30-60)	240.6	N.A.	25.3
FH (60-80)	151.7	N.A.	16.0
FVH (80-90)	4.6	N.A.	0.5
BL (0-30)	78.2	N.A.	8.2
BM (30-60)	240.6	N.A.	25.3
BH (60-80)	151.7	N.A.	16.0
BVH (80-90)	4.6	N.A.	0.5
UL (90-100)	< 0.05	N.A.	0.0
UH (100-180)	0.2	N.A.	0.0
Total	950.4	N.A.	100.0

BUG Rating B1-U0*-G0

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 the luminaire, there is no significant uplight (<0.5%), and it has therefore been assigned a value of U0. Consult factory for more information.



Grid Spacing: 2 ft.



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

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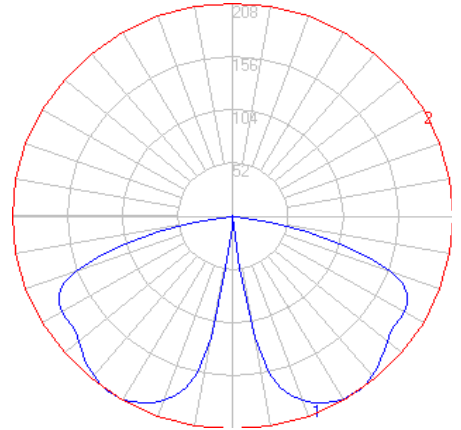
BEGA

File: 84751K27_BEGA_IES.ies

TEST: 84751K4
TEST LAB: BEGA
DATE: 11/08/2022
LUMINAIRE: 84751K27
LAMP: 7.4W LED

Characteristics

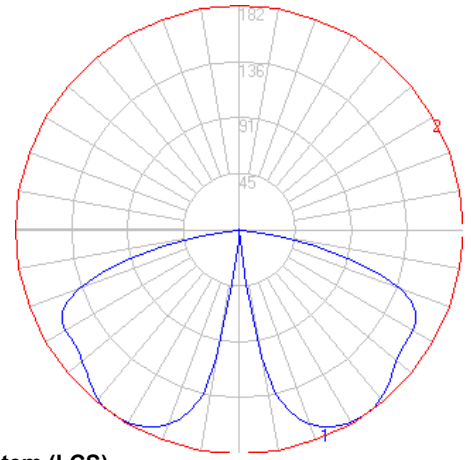
IES Classification	Type V
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	891
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	74
Total Luminaire Watts	12
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	208.064 (0H, 32.5V)
Max. Cd. (<90 Vert.)	208.064 (0H, 32.5V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	36.427 (4.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)



BEGA

File: 84751AMB_BEGA_IES.ies

TEST: 84751K4
TEST LAB: BEGA
DATE: 11/08/2022
LUMINAIRE: 84751AMB
LAMP: 7.6W LED



Characteristics

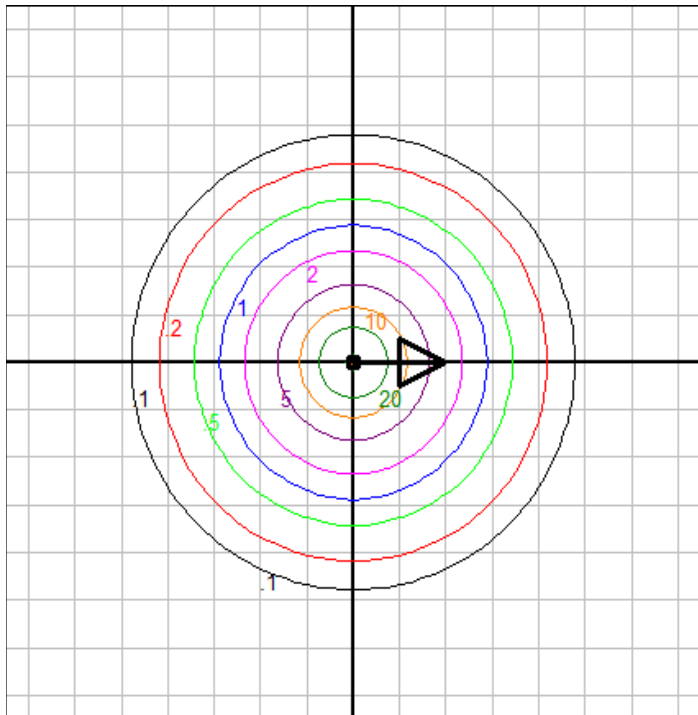
IES Classification	Type V
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	778
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	63
Total Luminaire Watts	12.3
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	181.643 (0H, 32.5V)
Max. Cd. (<90 Vert.)	181.643 (0H, 32.5V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	31.801 (4.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	63.9	N.A.	8.2
FM (30-60)	196.9	N.A.	25.3
FH (60-80)	124.1	N.A.	16.0
FVH (80-90)	3.7	N.A.	0.5
BL (0-30)	63.9	N.A.	8.2
BM (30-60)	196.9	N.A.	25.3
BH (60-80)	124.1	N.A.	16.0
BVH (80-90)	3.7	N.A.	0.5
UL (90-100)	< 0.05	N.A.	0.0
UH (100-180)	0.1	N.A.	0.0
Total	777.3	N.A.	100.0

BUG Rating B0-U0*-G0

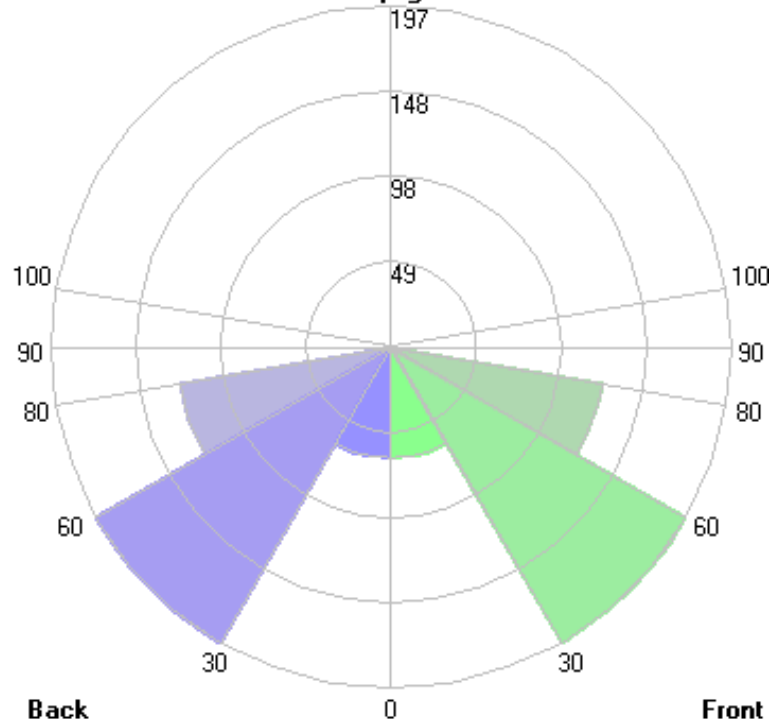
Fixture has measured rating of U1 due to testing above 90 degrees and stray light from reflection off of the fixture body. Upon visual inspection of the luminaire, there is no significant uplight (<0.5%), and it has therefore been assigned a value of U0. Consult factory for more information.



Grid Spacing: 2 ft.

Luminaire Lumens

Uplight



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