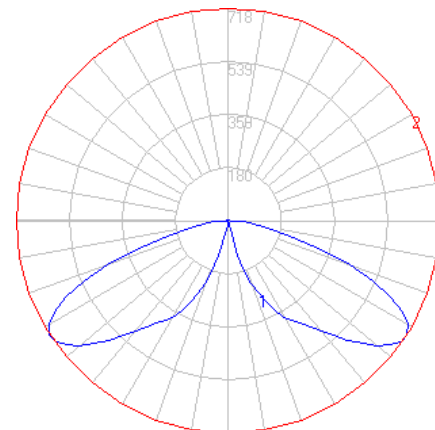


BEGA

File: 84814K4_BEGA_IES.ies

TEST: BE_84814K4
TEST LAB: BEGA
DATE: 08/31/2020
LUMINAIRE: 84 814K4
LAMP: 19.5W LED



Characteristics

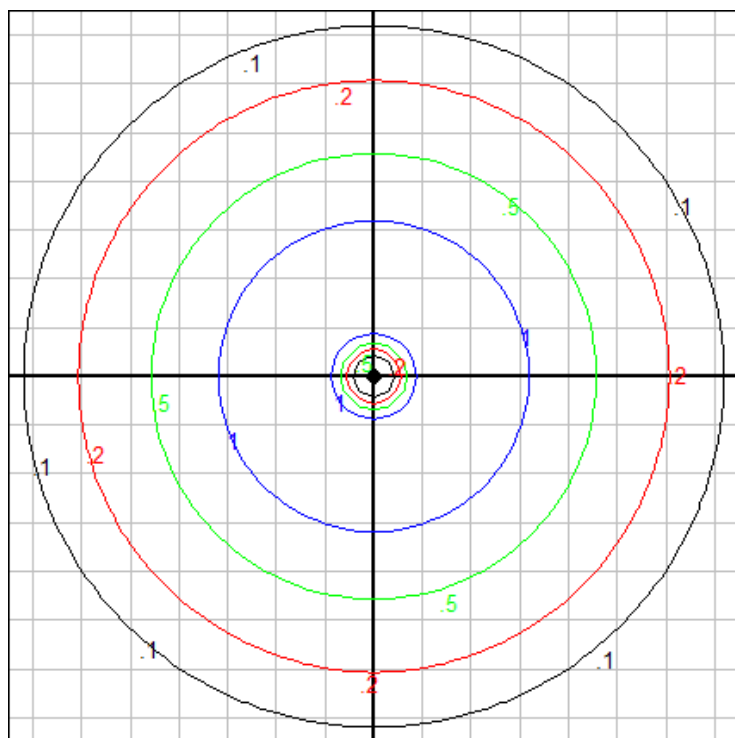
IES Classification	Type V
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2442
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	102
Total Luminaire Watts	24
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	718.3 (0H, 57.5V)
Max. Cd. (<90 Vert.)	718.3 (0H, 57.5V)
Max. Cd. (At 90 Deg. Vert.)	5.7 (0.2%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	118.8 (4.9%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

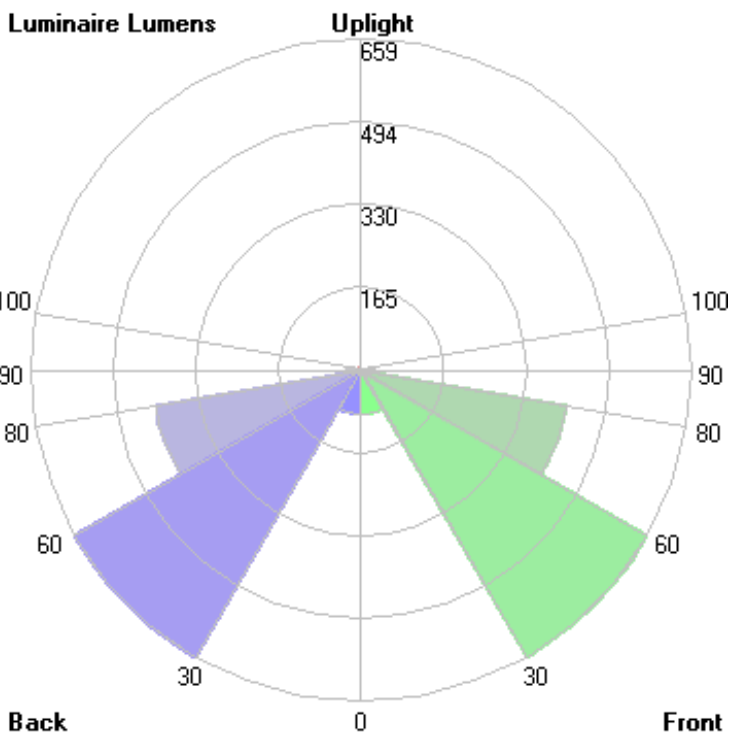
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	89.8	N.A.	3.7
FM (30-60)	672.7	N.A.	27.6
FH (60-80)	424.7	N.A.	17.4
FVH (80-90)	29.4	N.A.	1.2
BL (0-30)	89.8	N.A.	3.7
BM (30-60)	672.7	N.A.	27.6
BH (60-80)	424.7	N.A.	17.4
BVH (80-90)	29.4	N.A.	1.2
UL (90-100)	4.2	N.A.	0.2
UH (100-180)	4.2	N.A.	0.2
Total	2441.6	N.A.	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. There is no significant uplight (<0.5%), and it has therefore been assigned a value of U0. Consult factory for more information.



Shown on pole 84709 (157-1/2" OAH) | Grid Spacing: 5 ft.



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

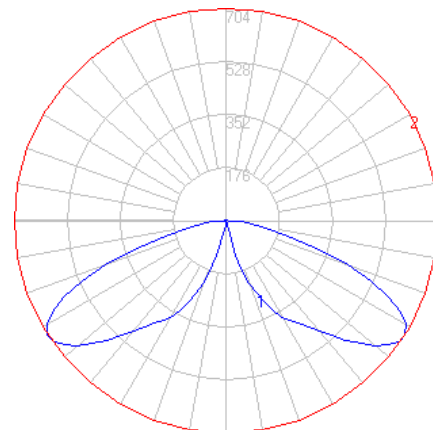
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BEGA

File: 84814K35_BEGA_IES.ies

TEST: BE_84814K4
TEST LAB: BEGA
DATE: 08/31/2020
LUMINAIRE: 84 814K35
LAMP: 19.5W LED



Characteristics

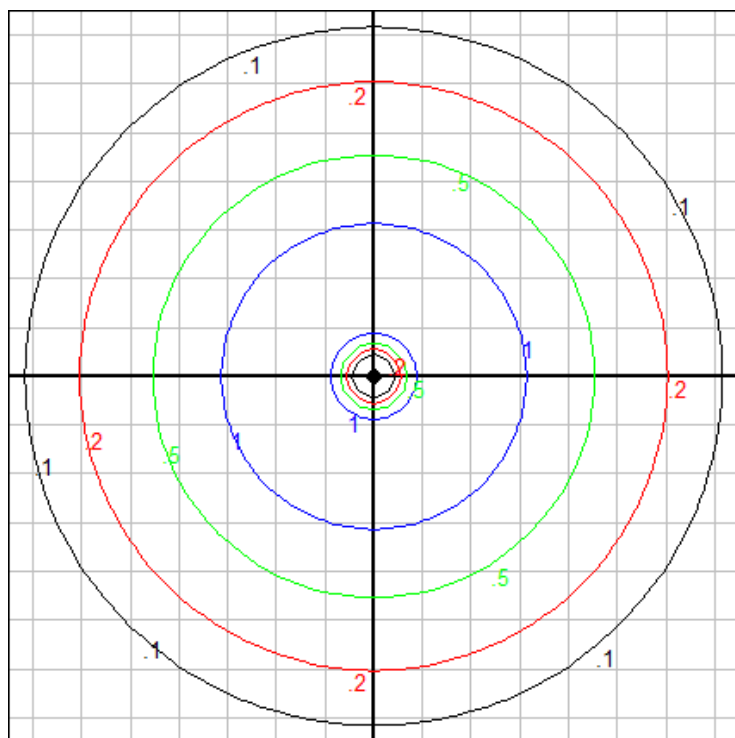
IES Classification	Type V
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2393
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	100
Total Luminaire Watts	24
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	703.934 (0H, 57.5V)
Max. Cd. (<90 Vert.)	703.934 (0H, 57.5V)
Max. Cd. (At 90 Deg. Vert.)	5.586 (0.2%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	116.424 (4.9%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

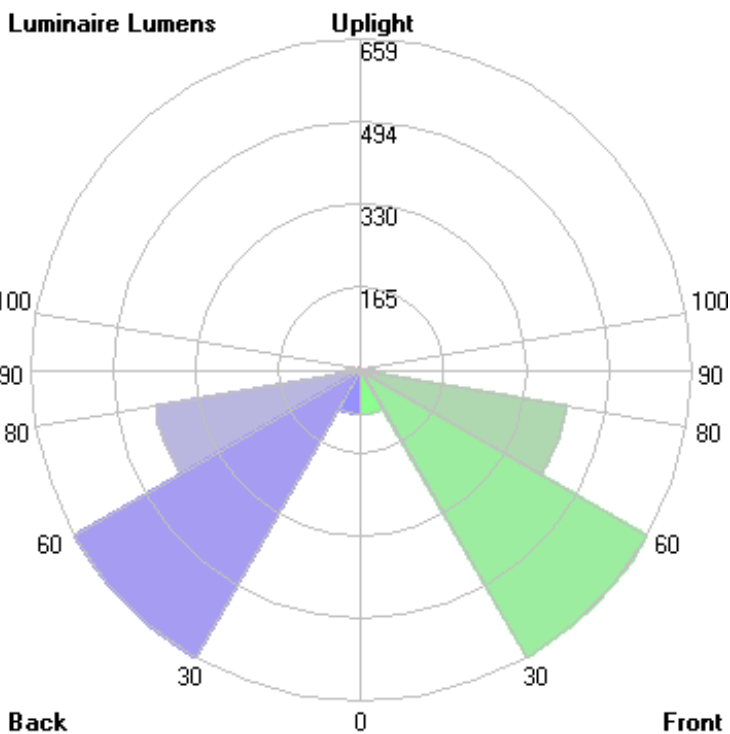
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	88.0	N.A.	3.7
FM (30-60)	659.3	N.A.	27.6
FH (60-80)	416.2	N.A.	17.4
FVH (80-90)	28.9	N.A.	1.2
BL (0-30)	88.0	N.A.	3.7
BM (30-60)	659.3	N.A.	27.6
BH (60-80)	416.2	N.A.	17.4
BVH (80-90)	28.9	N.A.	1.2
UL (90-100)	4.1	N.A.	0.2
UH (100-180)	4.1	N.A.	0.2
Total	2393.0	N.A.	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. There is no significant uplight (<0.5%), and it has therefore been assigned a value of U0. Consult factory for more information.



Shown on pole 84709 (157-1/2" OAH) | Grid Spacing: 5 ft.



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

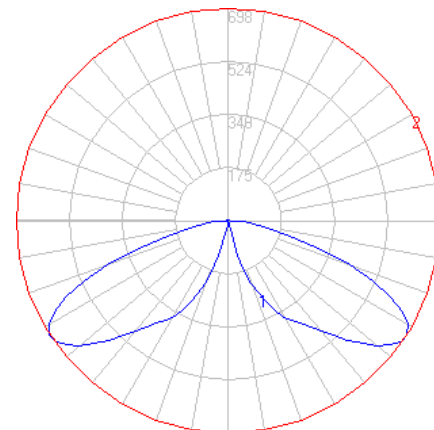
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BEGA

File: 84814K3_BEGA_IES.ies

TEST: BE_84814K4
TEST LAB: BEGA
DATE: 08/31/2020
LUMINAIRE: 84 814K3
LAMP: 19.5W LED



Characteristics

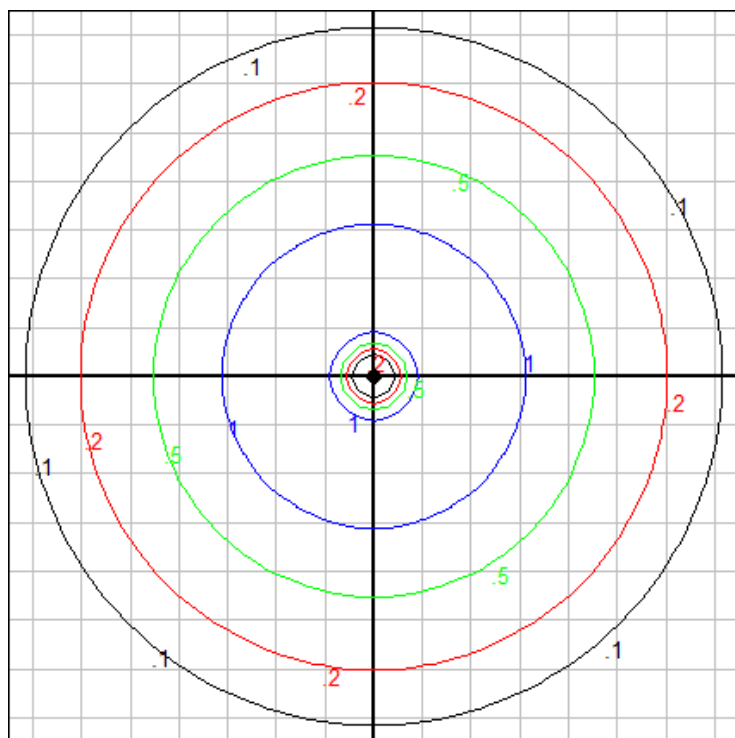
IES Classification	Type V
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2373
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	99
Total Luminaire Watts	24
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	698.188 (0H, 57.5V)
Max. Cd. (<90 Vert.)	698.188 (0H, 57.5V)
Max. Cd. (At 90 Deg. Vert.)	5.54 (0.2%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	115.474 (4.9%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	87.3	N.A.	3.7
FM (30-60)	653.9	N.A.	27.6
FH (60-80)	412.8	N.A.	17.4
FVH (80-90)	28.6	N.A.	1.2
BL (0-30)	87.3	N.A.	3.7
BM (30-60)	653.9	N.A.	27.6
BH (60-80)	412.8	N.A.	17.4
BVH (80-90)	28.6	N.A.	1.2
UL (90-100)	4.1	N.A.	0.2
UH (100-180)	4.1	N.A.	0.2
Total	2373.4	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. There is no significant uplight (<0.5%), and it has therefore been assigned a value of U0. Consult factory for more information.

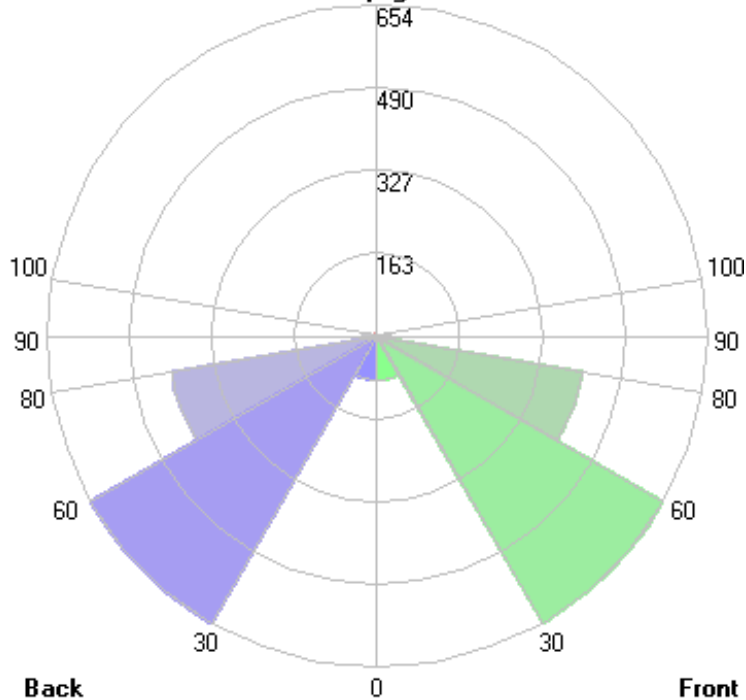


Shown on pole 84709 (157-1/2" OAH)

Grid Spacing: 5 ft.

Luminaire Lumens

Uplight



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

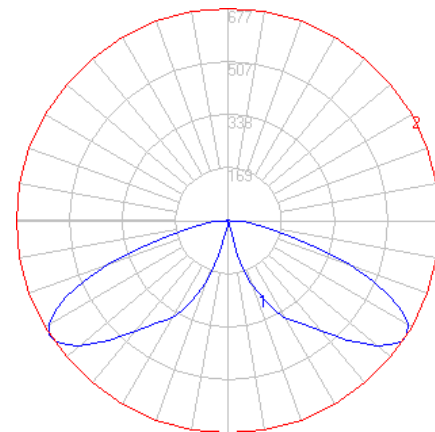
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BEGA

File: 84814K27_BEGA_IES.ies

TEST: BE_84814K4
TEST LAB: BEGA
DATE: 08/31/2020
LUMINAIRE: 84 814K27
LAMP: 19.5W LED



Characteristics

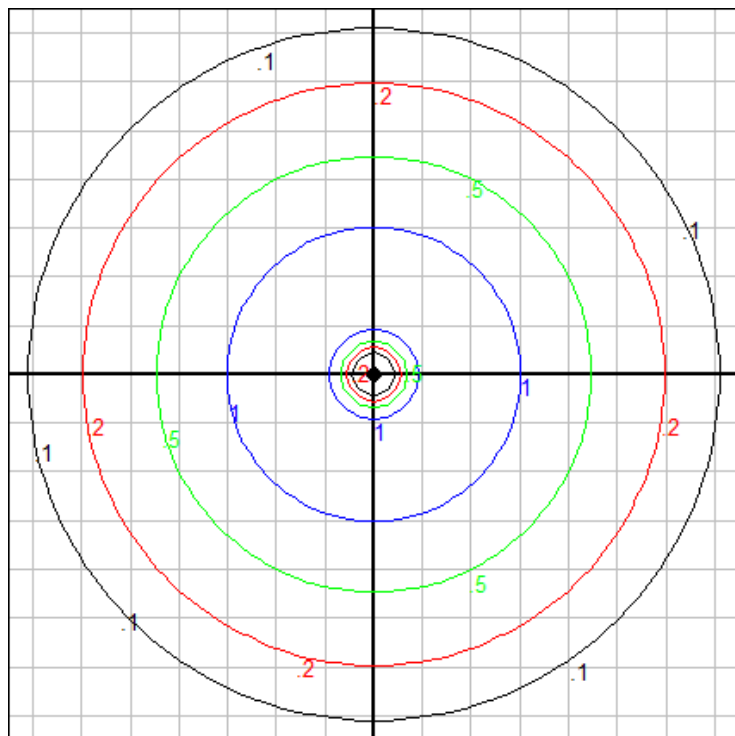
IES Classification	Type V
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2300
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	96
Total Luminaire Watts	24
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	676.639 (0H, 57.5V)
Max. Cd. (<90 Vert.)	676.639 (0H, 57.5V)
Max. Cd. (At 90 Deg. Vert.)	5.369 (0.2%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	111.91 (4.9%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

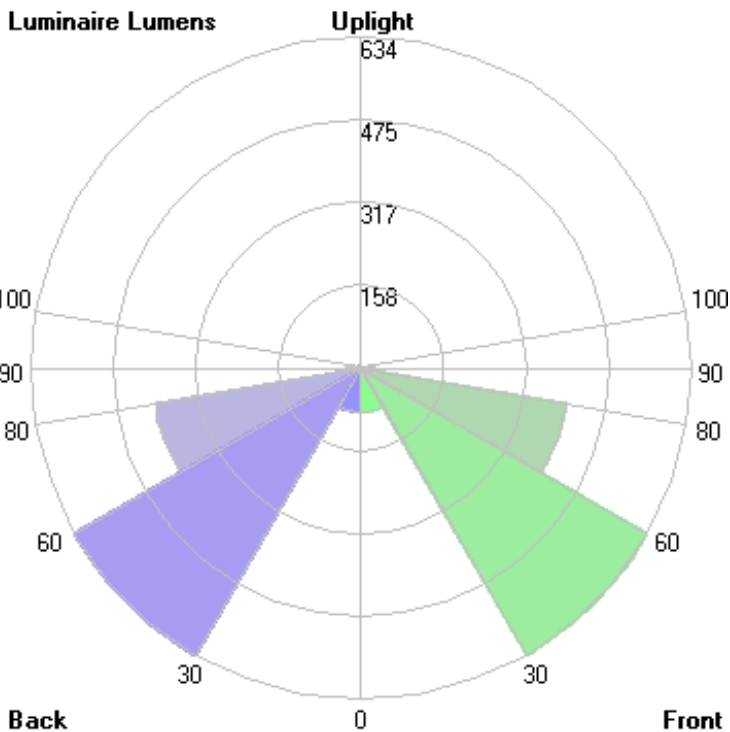
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	84.6	N.A.	3.7
FM (30-60)	633.7	N.A.	27.6
FH (60-80)	400.0	N.A.	17.4
FVH (80-90)	27.7	N.A.	1.2
BL (0-30)	84.6	N.A.	3.7
BM (30-60)	633.7	N.A.	27.6
BH (60-80)	400.0	N.A.	17.4
BVH (80-90)	27.7	N.A.	1.2
UL (90-100)	4.0	N.A.	0.2
UH (100-180)	4.0	N.A.	0.2
Total	2300.0	N.A.	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. There is no significant uplight (<0.5%), and it has therefore been assigned a value of U0. Consult factory for more information.



Shown on pole 84709 (157-1/2" OAH) | Grid Spacing: 5 ft.



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