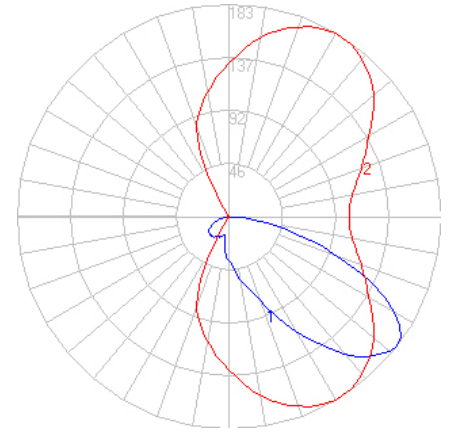


BEGA

File: 84480K4_BEGA_IES.ies

TEST: BE_84480K3
TEST LAB: BEGA
DATE: 09/26/2022
LUMINAIRE: 84 480K4
LAMP: 4.0W LED



Characteristics

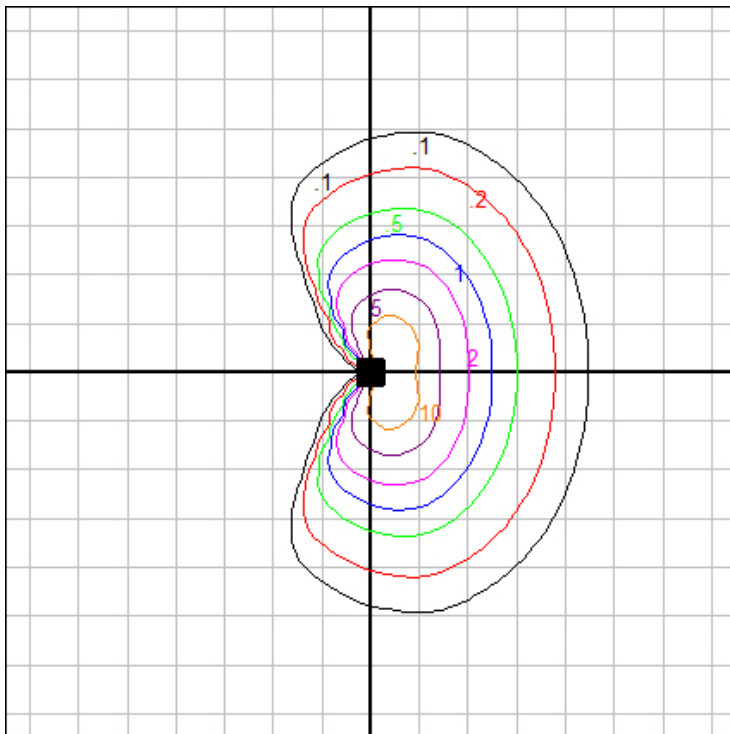
IES Classification	Type III
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	339
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	56
Total Luminaire Watts	6
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	183.239 (300H, 52.5V)
Max. Cd. (<90 Vert.)	183.239 (300H, 52.5V)
Max. Cd. (At 90 Deg. Vert.)	.456 (0.1%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	35.15 (10.4%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

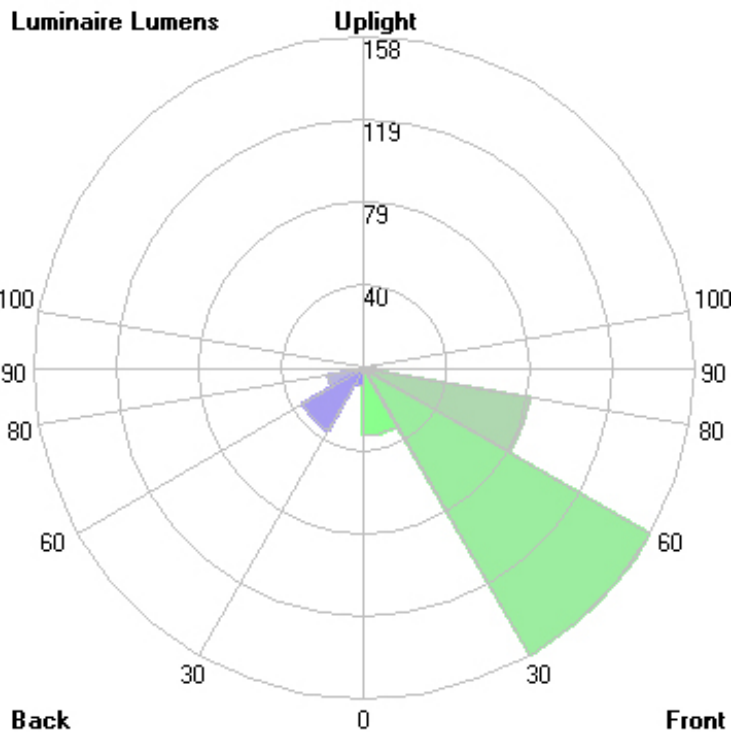
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	32.1	N.A.	9.5
FM (30-60)	158.4	N.A.	46.8
FH (60-80)	80.8	N.A.	23.8
FVH (80-90)	5.9	N.A.	1.8
BL (0-30)	8.2	N.A.	2.4
BM (30-60)	34.4	N.A.	10.1
BH (60-80)	17.6	N.A.	5.2
BVH (80-90)	1.3	N.A.	0.4
UL (90-100)	< 0.05	N.A.	0.0
UH(100-180)	0.0	N.A.	0.0
Total	338.7	N.A.	100.0

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 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.



Grid Spacing: 2 ft.



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

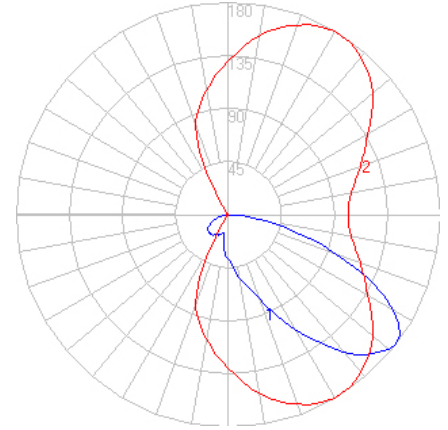
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BEGA

File: 84480K35_BEGA_IES.ies

TEST: BE_84480K3
TEST LAB: BEGA
DATE: 09/26/2022
LUMINAIRE: 84 480K35
LAMP: 4.0W LED



Characteristics

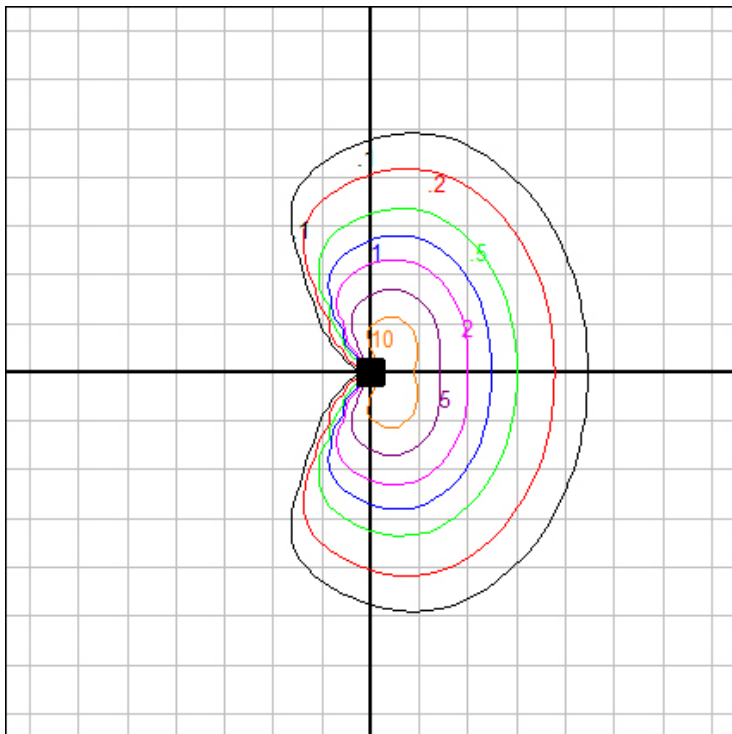
IES Classification	Type III
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	333
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	56
Total Luminaire Watts	6
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	180.429 (300H, 52.5V)
Max. Cd. (<90 Vert.)	180.429 (300H, 52.5V)
Max. Cd. (At 90 Deg. Vert.)	.449 (0.1%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	34.611 (10.4%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

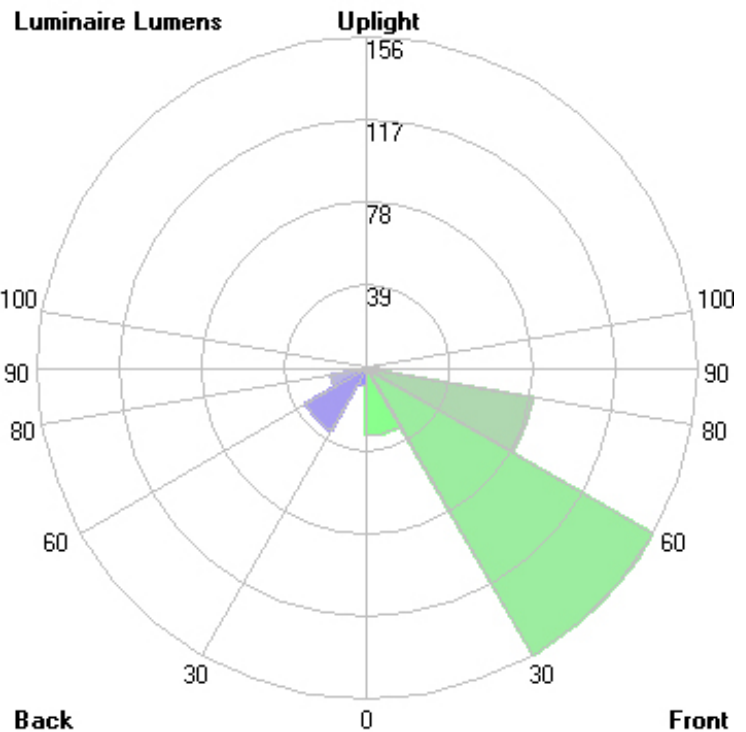
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	31.6	N.A.	9.5
FM (30-60)	156.0	N.A.	46.8
FH (60-80)	79.5	N.A.	23.9
FVH (80-90)	5.8	N.A.	1.8
BL (0-30)	8.1	N.A.	2.4
BM (30-60)	33.8	N.A.	10.2
BH (60-80)	17.3	N.A.	5.2
BVH (80-90)	1.2	N.A.	0.4
UL (90-100)	< 0.05	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	333.3	N.A.	100.0

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 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.



Grid Spacing: 2 ft.



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

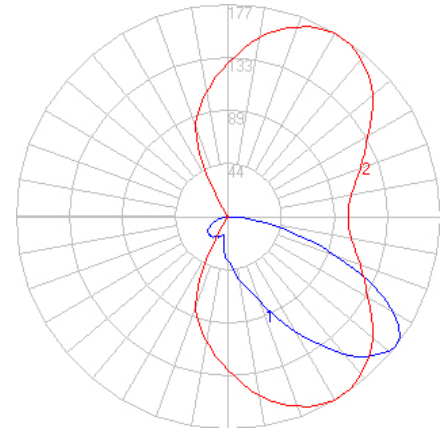
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File: 84480K3_BEGA_IES.ies

TEST: BE_84480K3
TEST LAB: BEGA
DATE: 09/26/2022
LUMINAIRE: 84 480K3
LAMP: 4.0W LED



Characteristics

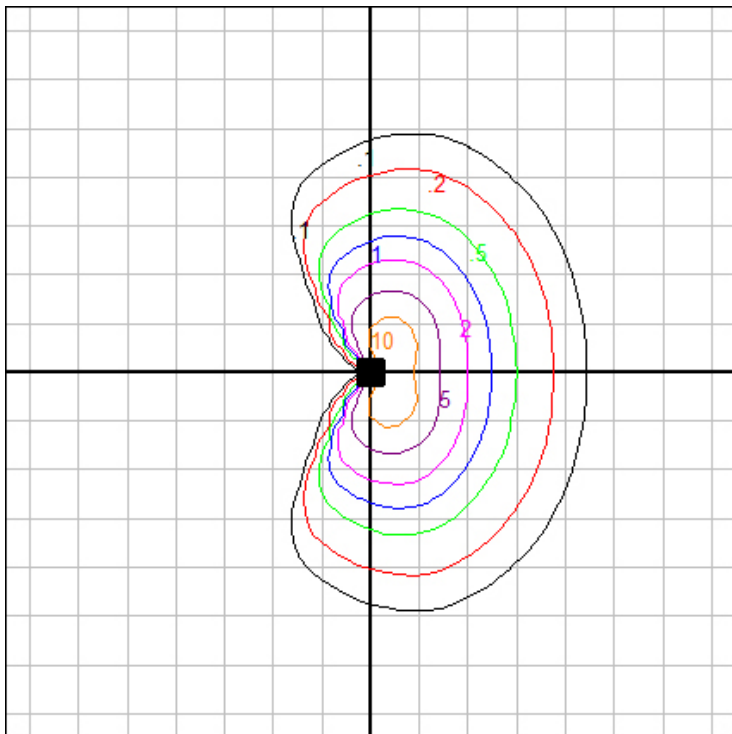
IES Classification	Type III
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	328
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	55
Total Luminaire Watts	6
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	177.419 (300H, 52.5V)
Max. Cd. (<90 Vert.)	177.419 (300H, 52.5V)
Max. Cd. (At 90 Deg. Vert.)	.442 (0.1%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	34.034 (10.4%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

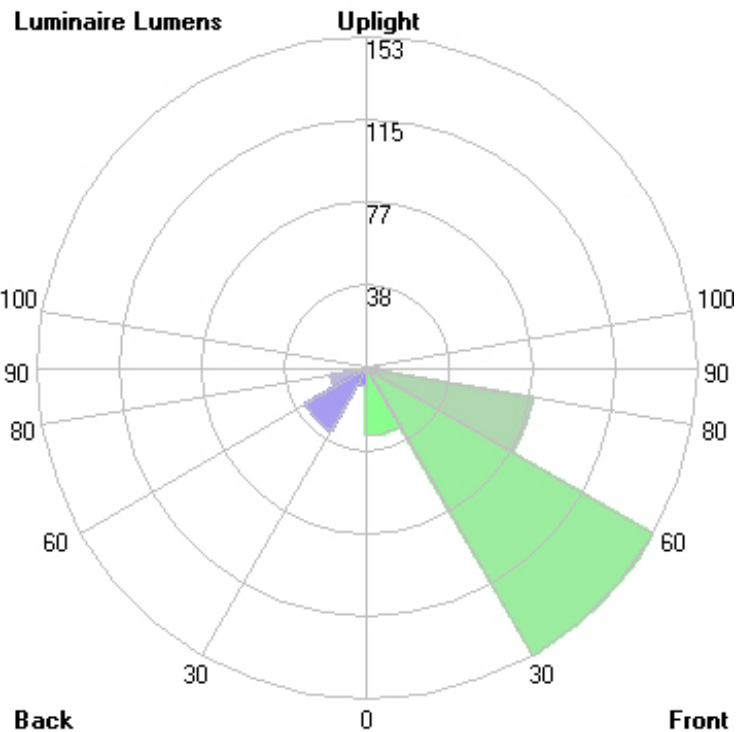
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	31.1	N.A.	9.5
FM (30-60)	153.4	N.A.	46.8
FH (60-80)	78.2	N.A.	23.8
FVH (80-90)	5.7	N.A.	1.8
BL (0-30)	8.0	N.A.	2.4
BM (30-60)	33.3	N.A.	10.2
BH (60-80)	17.0	N.A.	5.2
BVH (80-90)	1.2	N.A.	0.4
UL (90-100)	< 0.05	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	327.9	N.A.	100.0

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 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.



Grid Spacing: 2 ft.



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

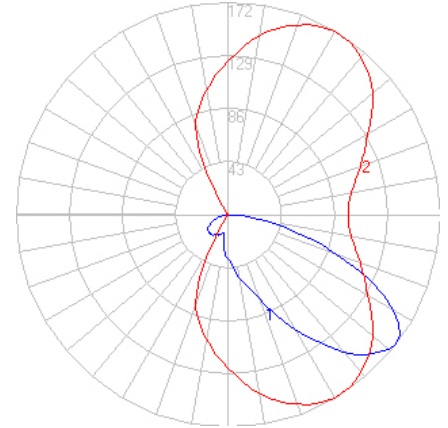
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BEGA

File: 84480K27_BEGA_IES.ies

TEST: BE_84480K3
TEST LAB: BEGA
DATE: 09/26/2022
LUMINAIRE: 84 480K27
LAMP: 4.0W LED



Characteristics

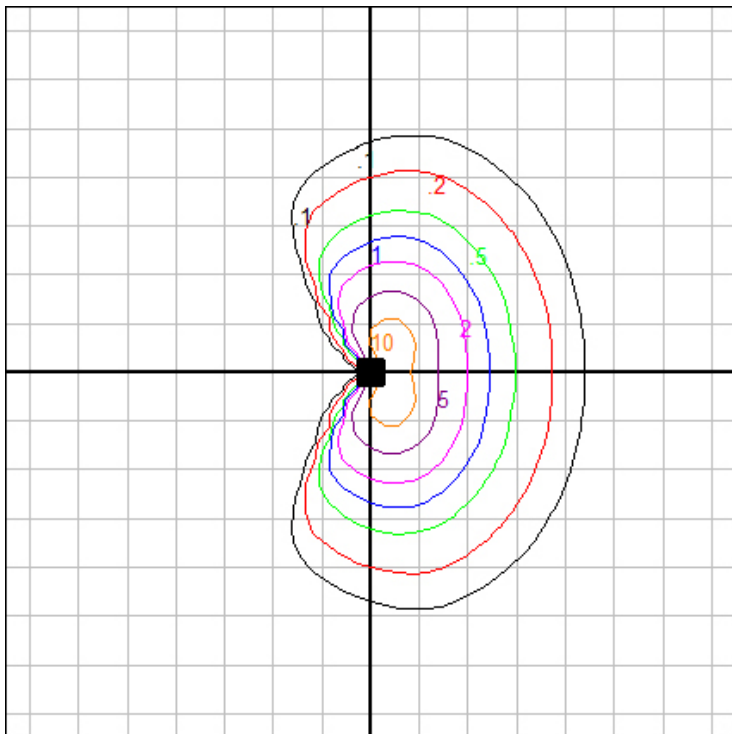
IES Classification	Type III
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	317
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	53
Total Luminaire Watts	6
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	171.599 (300H, 52.5V)
Max. Cd. (<90 Vert.)	171.599 (300H, 52.5V)
Max. Cd. (At 90 Deg. Vert.)	.428 (0.1%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	32.918 (10.4%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

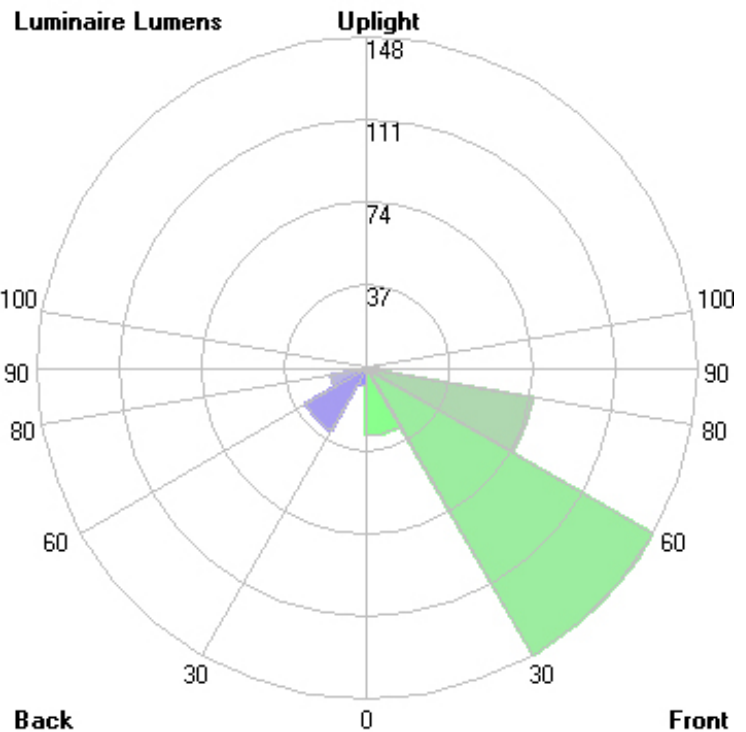
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	30.0	N.A.	9.5
FM (30-60)	148.4	N.A.	46.8
FH (60-80)	75.6	N.A.	23.9
FVH (80-90)	5.6	N.A.	1.8
BL (0-30)	7.7	N.A.	2.4
BM (30-60)	32.2	N.A.	10.2
BH (60-80)	16.4	N.A.	5.2
BVH (80-90)	1.2	N.A.	0.4
UL (90-100)	< 0.05	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	317.1	N.A.	100.0

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 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.



Grid Spacing: 2 ft.



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