



IES ROAD REPORT

PHOTOMETRIC FILENAME : VWMH-L10-750-TL-XXX-CGL-DIM-UNV_.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from BALLABS TEST NO. 18046.0

[TESTLAB] BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC

[ISSUEDATE] 6-DEC-2022

[MANUFAC] WILLIAMS OUTDOOR

[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.

[LUMINAIRE] BRIDGELUX VERO LED MODULE 6x10"MINI HORIZONTAL WALLPACK

[MORE] CLEAR FLAT GLASS LENS

[MORE] INVENTRONICS LED DRIVER #LUC-012S035DSP

[LUMCAT] VWMH-L10-750-TL-xxx-CGL-DIM-UNV

[LAMPCAT] VERO 50C2000C

CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1484
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	114
Total Luminaire Watts	13
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	542.43
Maximum Candela Angle	65H 5V
Maximum Candela (<90 Degrees Vertical)	542.43
Maximum Candela Angle (<90 Degrees Vertical)	65H 5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	15.498 (1.0% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : VVMH-L10-750-TL-XXX-CGL-DIM-UNV_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	218.4	N.A.	14.7
FM - Front-Medium (30-60)	437.8	N.A.	29.5
FH - Front-High (60-80)	98.4	N.A.	6.6
FVH - Front-Very High (80-90)	0.2	N.A.	0.0
BL - Back-Low (0-30)	217.8	N.A.	14.7
BM - Back-Medium (30-60)	434.0	N.A.	29.2
BH - Back-High (60-80)	77.5	N.A.	5.2
BVH - Back-Very High (80-90)	0.2	N.A.	0.0
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	1484.3	N.A.	100.0
BUG Rating	B1-U0-G0		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	<u>0</u>	<u>5</u>	<u>15</u>	<u>25</u>	<u>35</u>	<u>45</u>	<u>55</u>	<u>65</u>	<u>75</u>	<u>85</u>
0.0	534.681	534.681	534.681	534.681	534.681	534.681	534.681	534.681	534.681	534.681
5.0	536.895	536.895	535.788	539.109	539.109	540.216	539.109	542.430	539.109	539.109
10.0	534.681	533.574	535.788	535.788	536.895	538.002	539.109	539.109	539.109	536.895
15.0	530.253	530.253	531.360	531.360	533.574	534.681	534.681	534.681	533.574	533.574
20.0	522.504	521.397	522.504	522.504	524.718	524.718	523.611	522.504	523.611	522.504
25.0	505.899	509.220	510.327	510.327	510.327	511.434	509.220	507.006	509.220	510.327
30.0	489.294	489.294	491.508	492.615	491.508	492.615	491.508	490.401	491.508	489.294
35.0	466.047	469.368	469.368	469.368	468.261	470.475	470.475	470.475	469.368	466.047
40.0	436.158	437.265	437.265	437.265	436.158	437.265	439.479	436.158	436.158	438.372
45.0	405.162	396.306	400.734	401.841	399.627	402.948	405.162	400.734	397.413	400.734
50.0	365.310	353.133	358.668	359.775	355.347	359.775	356.454	358.668	355.347	357.561
55.0	314.388	304.425	312.174	309.960	305.532	315.495	306.639	312.174	306.639	312.174
60.0	252.396	249.075	250.182	246.861	244.647	255.717	246.861	252.396	250.182	253.503
62.5	212.544	212.544	209.223	211.437	209.223	223.614	213.651	211.437	214.758	212.544
65.0	161.622	160.515	163.836	184.869	174.906	190.404	183.762	180.441	187.083	184.869
67.5	68.634	71.955	81.918	118.449	129.519	149.445	147.231	143.910	151.659	152.766
70.0	6.642	8.856	13.284	29.889	58.671	106.272	111.807	110.700	116.235	117.342
72.5	1.107	2.214	1.107	1.107	7.749	35.424	71.955	78.597	78.597	83.025
75.0	0.000	2.214	0.000	0.000	0.000	3.321	19.926	50.922	58.671	58.671
77.5	0.000	2.214	0.000	0.000	0.000	0.000	0.000	8.856	35.424	33.210
80.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	15.498	12.177
82.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
87.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vert. Angles	Horizontal Angles									
	<u>90</u>	<u>95</u>	<u>105</u>	<u>115</u>	<u>125</u>	<u>135</u>	<u>145</u>	<u>155</u>	<u>165</u>	<u>175</u>
0.0	534.681	534.681	534.681	534.681	534.681	534.681	534.681	534.681	534.681	534.681
5.0	539.109	541.323	538.002	539.109	539.109	538.002	538.002	538.002	538.002	536.895
10.0	539.109	538.002	538.002	538.002	536.895	536.895	534.681	535.788	536.895	536.895
15.0	533.574	534.681	533.574	533.574	533.574	532.467	532.467	531.360	531.360	533.574
20.0	521.397	522.504	521.397	523.611	520.290	522.504	522.504	523.611	522.504	523.611
25.0	505.899	505.899	507.006	510.327	502.578	505.899	509.220	507.006	507.006	505.899
30.0	485.973	490.401	488.187	489.294	484.866	483.759	489.294	485.973	488.187	490.401
35.0	464.940	464.940	466.047	466.047	460.512	463.833	464.940	461.619	463.833	464.940
40.0	436.158	433.944	435.051	437.265	430.623	433.944	436.158	430.623	435.051	433.944
45.0	401.841	400.734	400.734	399.627	398.520	400.734	400.734	395.199	398.520	399.627
50.0	358.668	358.668	357.561	356.454	354.240	355.347	355.347	352.026	352.026	358.668
55.0	315.495	312.174	315.495	309.960	312.174	306.639	308.853	303.318	305.532	314.388
60.0	257.931	253.503	252.396	246.861	252.396	246.861	243.540	223.614	203.688	207.009
62.5	219.186	213.651	213.651	210.330	215.865	211.437	194.832	158.301	132.840	112.914
65.0	187.083	183.762	183.762	180.441	187.083	181.548	133.947	97.416	48.708	7.749
67.5	150.552	147.231	148.338	147.231	148.338	120.663	61.992	7.749	2.214	0.000
70.0	115.128	115.128	115.128	112.914	74.169	28.782	0.000	0.000	0.000	0.000
72.5	81.918	77.490	78.597	78.597	0.000	0.000	0.000	0.000	0.000	0.000
75.0	57.564	49.815	50.922	42.066	0.000	0.000	0.000	0.000	0.000	0.000
77.5	32.103	28.782	28.782	6.642	0.000	0.000	0.000	0.000	0.000	0.000
80.0	14.391	11.070	12.177	0.000	0.000	0.000	0.000	0.000	0.000	0.000
82.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
87.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

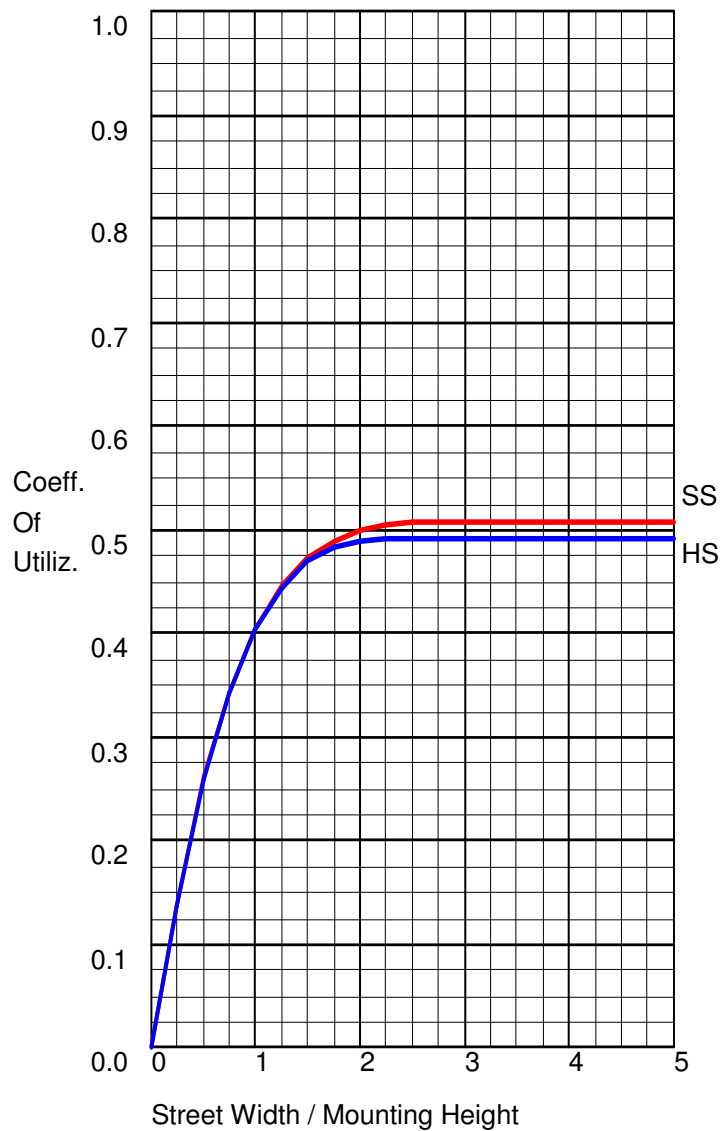
IES ROAD REPORT**PHOTOMETRIC FILENAME : VWMH-L10-750-TL-XXX-CGL-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
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Vert. Angles	Horizontal Angles
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	<u>180</u>
0.0	534.681
5.0	539.109
10.0	536.895
15.0	533.574
20.0	522.504
25.0	507.006
30.0	490.401
35.0	469.368
40.0	439.479
45.0	405.162
50.0	359.775
55.0	312.174
60.0	193.725
62.5	109.593
65.0	13.284
67.5	0.000
70.0	0.000
72.5	0.000
75.0	0.000
77.5	0.000
80.0	0.000
82.5	0.000
85.0	0.000
87.5	0.000
90.0	0.000

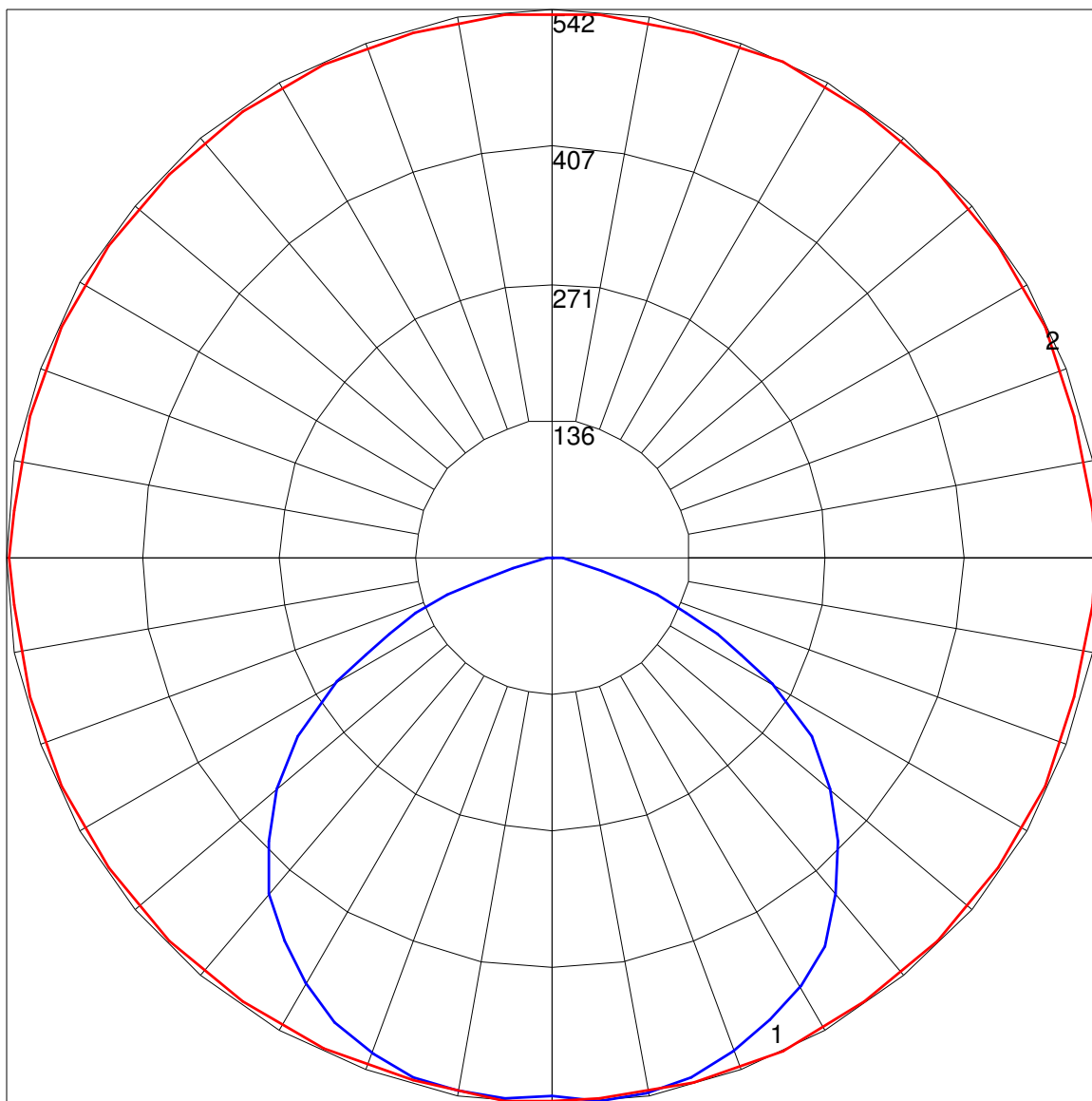
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

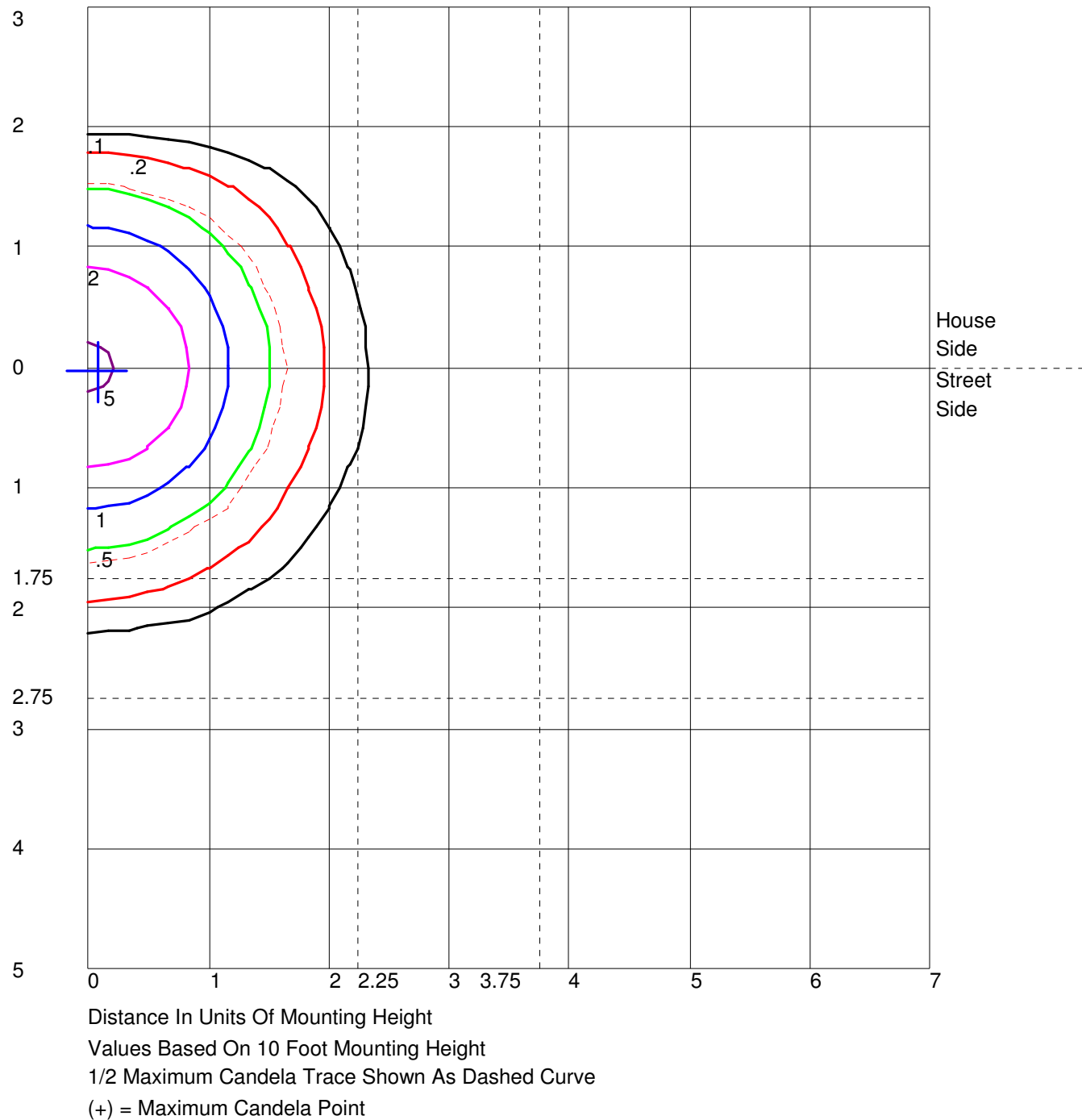
	Lumens	Percent Of Luminaire
Downward Street Side	754.8	50.9
Downward House Side	729.4	49.1
Downward Total	1484.2	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	1484.2	100.0

POLAR GRAPH

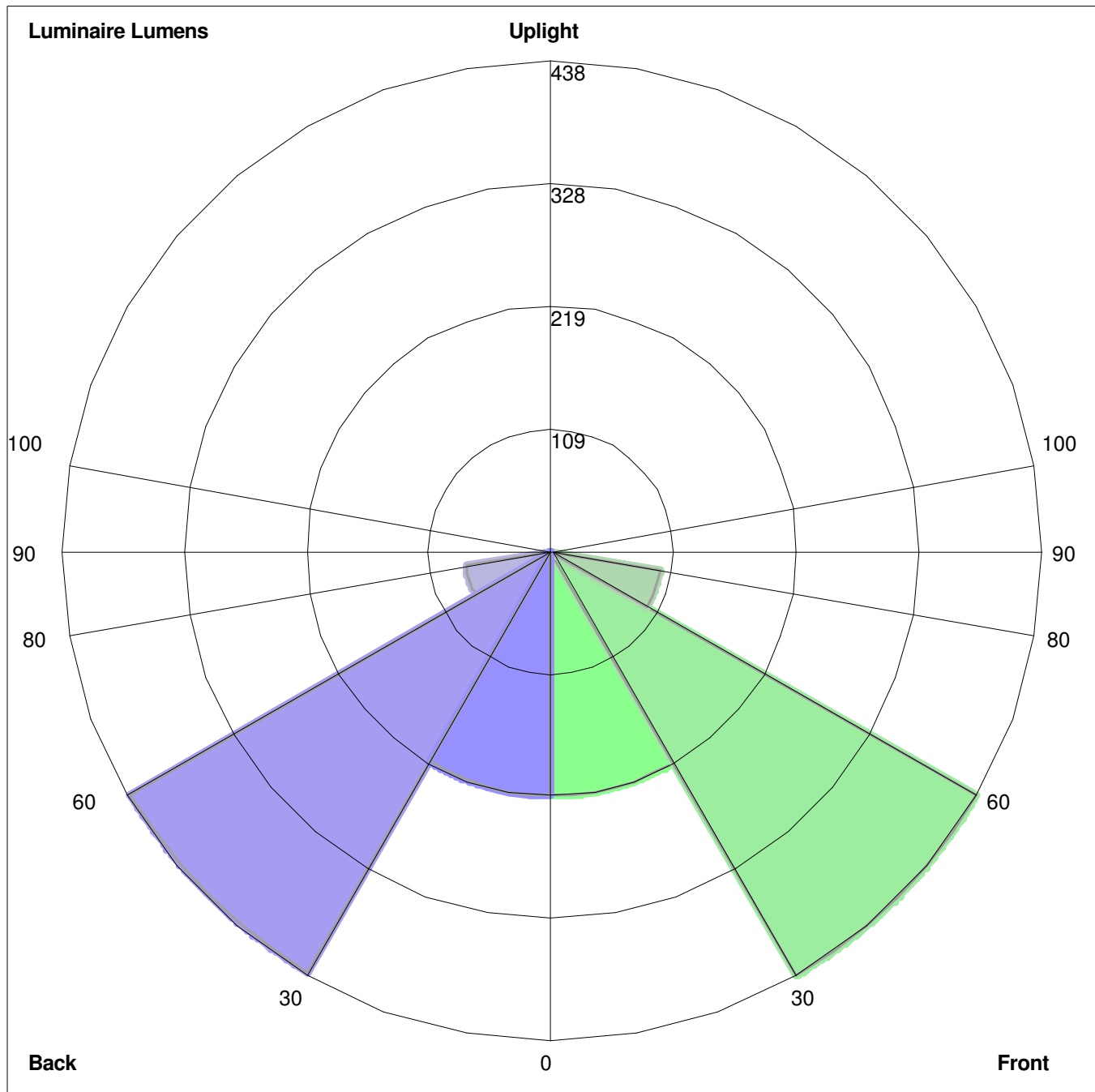


Maximum Candela = 542.43 Located At Horizontal Angle = 65, Vertical Angle = 5
1 - Vertical Plane Through Horizontal Angles (65 - 245) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=218.4, Medium=437.8, High=98.4, Very High=0.2
Back: Low=217.8, Medium=434.0, High=77.5, Very High=0.2
Uplight: Low=0.0, High=0.0

BUG Rating : B1-U0-G0