



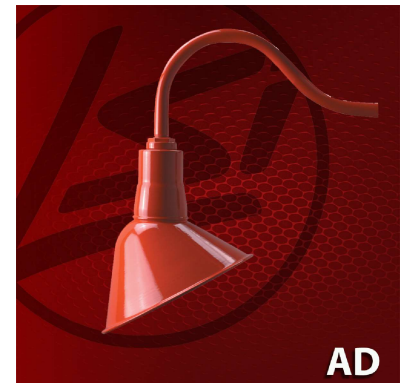
**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : AD-17L-35-GWT.IES**

**DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
[TEST] LED-11886  
[TESTLAB] LSI INDUSTRIES, INC.  
[ISSUE DATE] 7/31/2020  
[TEST DATE] 06/05/20  
[MANUFACT] LSI INDUSTRIES, INC.  
[LUMCAT] AD-17L-35-GWT  
[OTHER] TEST PROCEDURE: IESNA LM-79-08  
[ABSOLUTE] NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED  
[OTHER] SCALED FROM ORIGINAL TEST DATA  
[SEARCH\_SOURCETYPE] LED  
[SEARCH\_APPLICATION] Indoor  
[SEARCH\_APPLICATION] Outdoor

**CHARACTERISTICS**

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1574
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	123
Total Luminaire Watts	12.8
Ballast Factor	1.00
Upward Waste Light Ratio	0.01
Maximum Candela	580.686
Maximum Candela Angle	180H 10V
Maximum Candela (<90 Degrees Vertical)	580.686
Maximum Candela Angle (<90 Degrees Vertical)	180H 10V
Maximum Candela At 90 Degrees Vertical	30.059 (1.9% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	79.246 (5.0% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)



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**LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	225.8	N.A.	14.3
FM - Front-Medium (30-60)	399.5	N.A.	25.4
FH - Front-High (60-80)	81.8	N.A.	5.2
FVH - Front-Very High (80-90)	2.8	N.A.	0.2
BL - Back-Low (0-30)	232.9	N.A.	14.8
BM - Back-Medium (30-60)	433.9	N.A.	27.6
BH - Back-High (60-80)	153.9	N.A.	9.8
BVH - Back-Very High (80-90)	22.8	N.A.	1.4
UL - Uplight-Low (90-100)	9.5	N.A.	0.6
UH - Uplight-High (100-180)	10.7	N.A.	0.7
Total	1573.6	N.A.	100.0
BUG Rating	B1-U2-G1		

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**CANDELA TABULATION**

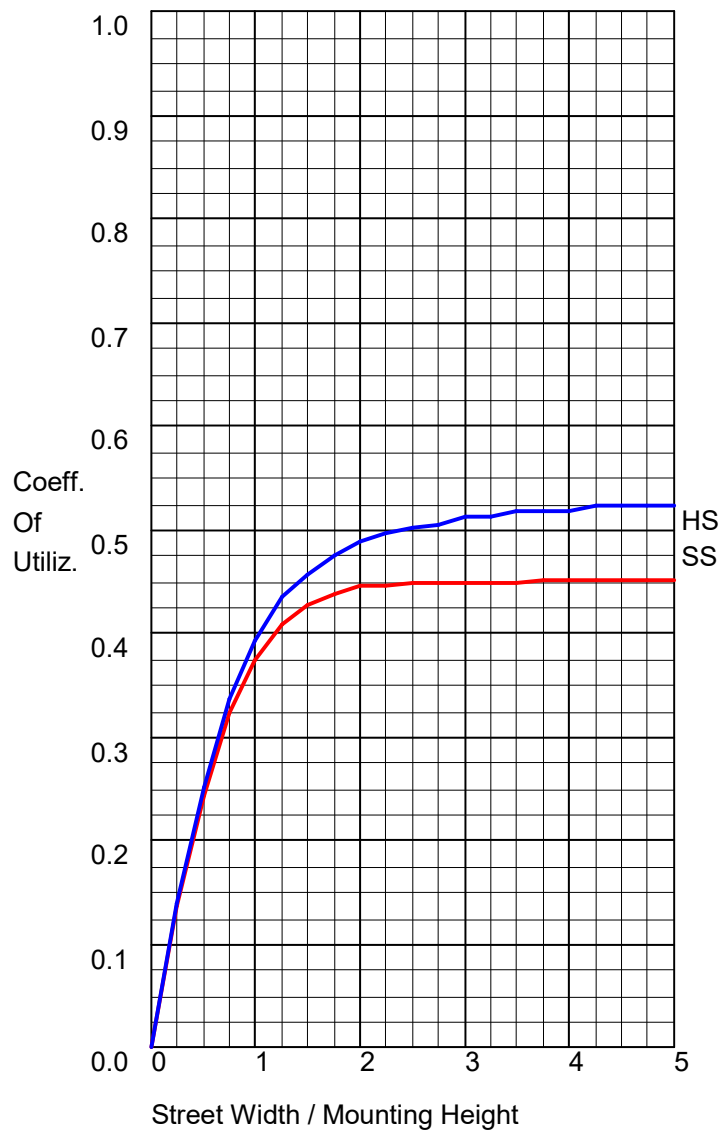
<b>Vert. Angles</b>	<b>Horizontal Angles</b>								
	<b>0.0</b>	<b>22.5</b>	<b>45.0</b>	<b>67.5</b>	<b>90.0</b>	<b>112.5</b>	<b>135.0</b>	<b>157.5</b>	<b>180.0</b>
<b>0.0</b>	571.121	571.121	571.121	571.121	571.121	571.121	571.121	571.121	571.121
<b>2.5</b>	567.022	568.389	569.755	571.121	572.488	573.854	575.220	577.953	577.953
<b>5.0</b>	565.656	567.022	569.755	571.121	572.488	575.220	577.953	579.319	579.319
<b>7.5</b>	564.290	564.290	567.022	569.755	572.488	575.220	577.953	579.319	580.686
<b>10.0</b>	560.191	561.557	564.290	567.022	569.755	573.854	576.587	579.319	580.686
<b>12.5</b>	557.458	557.458	560.191	562.923	567.022	571.121	575.220	577.953	577.953
<b>15.0</b>	551.993	551.993	554.725	558.824	562.923	567.022	571.121	573.854	575.220
<b>17.5</b>	545.161	546.528	549.260	551.993	557.458	562.923	567.022	571.121	571.121
<b>20.0</b>	536.963	536.963	541.062	545.161	549.260	556.092	560.191	564.290	565.656
<b>22.5</b>	527.399	528.765	531.498	535.597	542.429	547.894	553.359	556.092	557.458
<b>25.0</b>	516.469	517.835	520.568	526.033	531.498	538.330	542.429	546.528	549.260
<b>27.5</b>	504.172	505.538	508.271	513.736	519.201	526.033	531.498	535.597	535.597
<b>30.0</b>	486.410	490.508	494.607	498.706	504.172	512.370	517.835	521.934	521.934
<b>32.5</b>	468.647	471.380	478.212	482.311	487.776	495.974	502.805	505.538	505.538
<b>35.0</b>	448.153	452.252	459.083	464.548	470.014	476.845	485.043	487.776	486.410
<b>37.5</b>	424.925	431.757	438.588	444.054	449.519	457.717	465.915	467.281	464.548
<b>40.0</b>	401.698	409.896	416.727	422.193	429.024	437.222	444.054	445.420	441.321
<b>42.5</b>	375.738	385.302	394.866	400.331	405.797	415.361	422.193	423.559	418.094
<b>45.0</b>	348.411	359.342	368.906	375.738	382.569	390.767	398.965	398.965	392.134
<b>47.5</b>	315.620	330.649	345.679	351.144	359.342	367.540	375.738	374.371	366.173
<b>50.0</b>	285.561	301.956	318.352	326.550	334.748	342.946	349.778	348.411	337.481
<b>52.5</b>	254.135	273.264	292.392	300.590	308.788	318.352	325.184	322.451	311.521
<b>55.0</b>	219.977	243.205	265.066	274.630	284.194	292.392	300.590	297.858	288.293
<b>57.5</b>	178.988	209.047	237.739	250.036	258.234	265.066	274.630	274.630	263.700
<b>60.0</b>	129.800	166.691	209.047	224.076	230.908	240.472	251.403	250.036	237.739
<b>62.5</b>	79.246	116.137	178.988	198.116	206.314	215.878	225.443	225.443	213.146
<b>65.0</b>	34.158	61.484	144.830	172.156	183.087	192.651	200.849	202.215	191.285
<b>67.5</b>	20.495	27.326	102.474	147.562	158.493	168.057	177.621	177.621	165.325
<b>70.0</b>	13.663	16.396	58.752	122.969	135.266	146.196	155.760	154.394	144.830
<b>72.5</b>	8.198	10.931	28.693	98.375	113.404	122.969	132.533	133.899	125.701
<b>75.0</b>	2.733	5.465	13.663	73.781	92.910	102.474	112.038	114.771	107.939
<b>77.5</b>	0.000	1.366	8.198	47.821	72.415	81.979	92.910	97.009	91.543
<b>80.0</b>	0.000	0.000	2.733	25.960	51.920	64.217	73.781	79.246	75.148
<b>82.5</b>	0.000	0.000	1.366	12.297	35.524	47.821	57.385	62.851	61.484
<b>85.0</b>	0.000	0.000	0.000	4.099	21.861	32.792	42.356	47.821	47.821
<b>87.5</b>	0.000	0.000	0.000	1.366	10.931	21.861	30.059	35.524	36.891
<b>90.0</b>	0.000	0.000	0.000	1.366	5.465	15.030	23.227	28.693	30.059
<b>92.5</b>	0.000	0.000	0.000	0.000	2.733	12.297	20.495	25.960	27.326
<b>95.0</b>	0.000	0.000	0.000	0.000	2.733	10.931	19.128	24.594	25.960
<b>97.5</b>	0.000	0.000	0.000	0.000	2.733	8.198	17.762	21.861	23.227
<b>100.0</b>	0.000	0.000	0.000	0.000	1.366	6.832	15.030	19.128	20.495
<b>102.5</b>	0.000	0.000	0.000	0.000	1.366	6.832	13.663	16.396	17.762
<b>105.0</b>	0.000	0.000	0.000	0.000	1.366	6.832	10.931	15.030	13.663
<b>107.5</b>	0.000	0.000	0.000	0.000	1.366	5.465	9.564	13.663	13.663
<b>110.0</b>	0.000	0.000	0.000	0.000	0.000	5.465	9.564	12.297	13.663
<b>112.5</b>	0.000	0.000	0.000	0.000	0.000	4.099	9.564	10.931	12.297
<b>115.0</b>	0.000	0.000	0.000	0.000	0.000	2.733	9.564	10.931	10.931
<b>117.5</b>	0.000	0.000	0.000	0.000	0.000	1.366	8.198	10.931	10.931
<b>120.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	6.832	9.564	10.931
<b>122.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	4.099	9.564	9.564
<b>125.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	1.366	8.198	8.198
<b>127.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.465	6.832
<b>130.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.366	4.099

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CANDELA TABULATION - (Cont.)

132.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

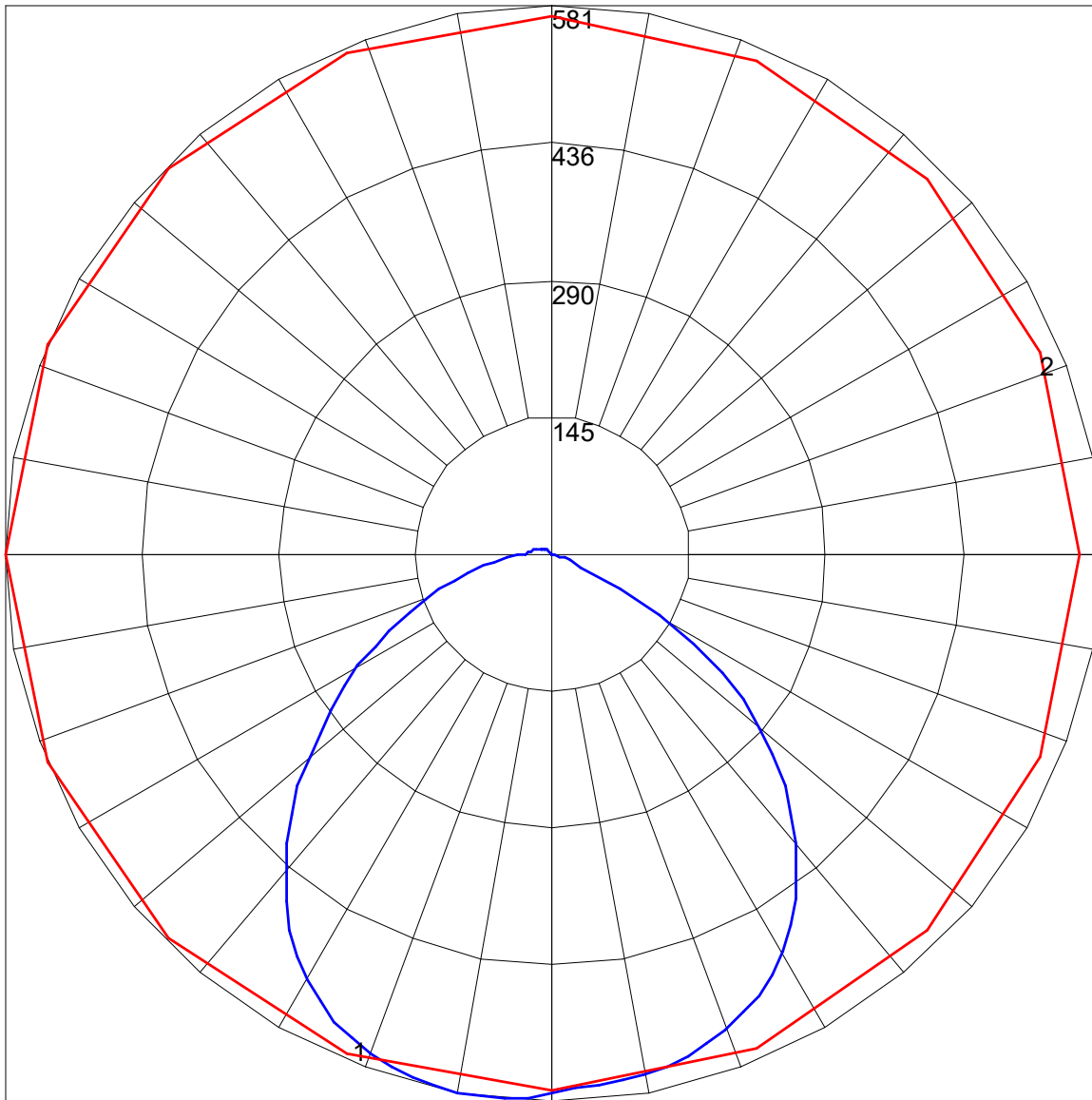
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FLUX DISTRIBUTION

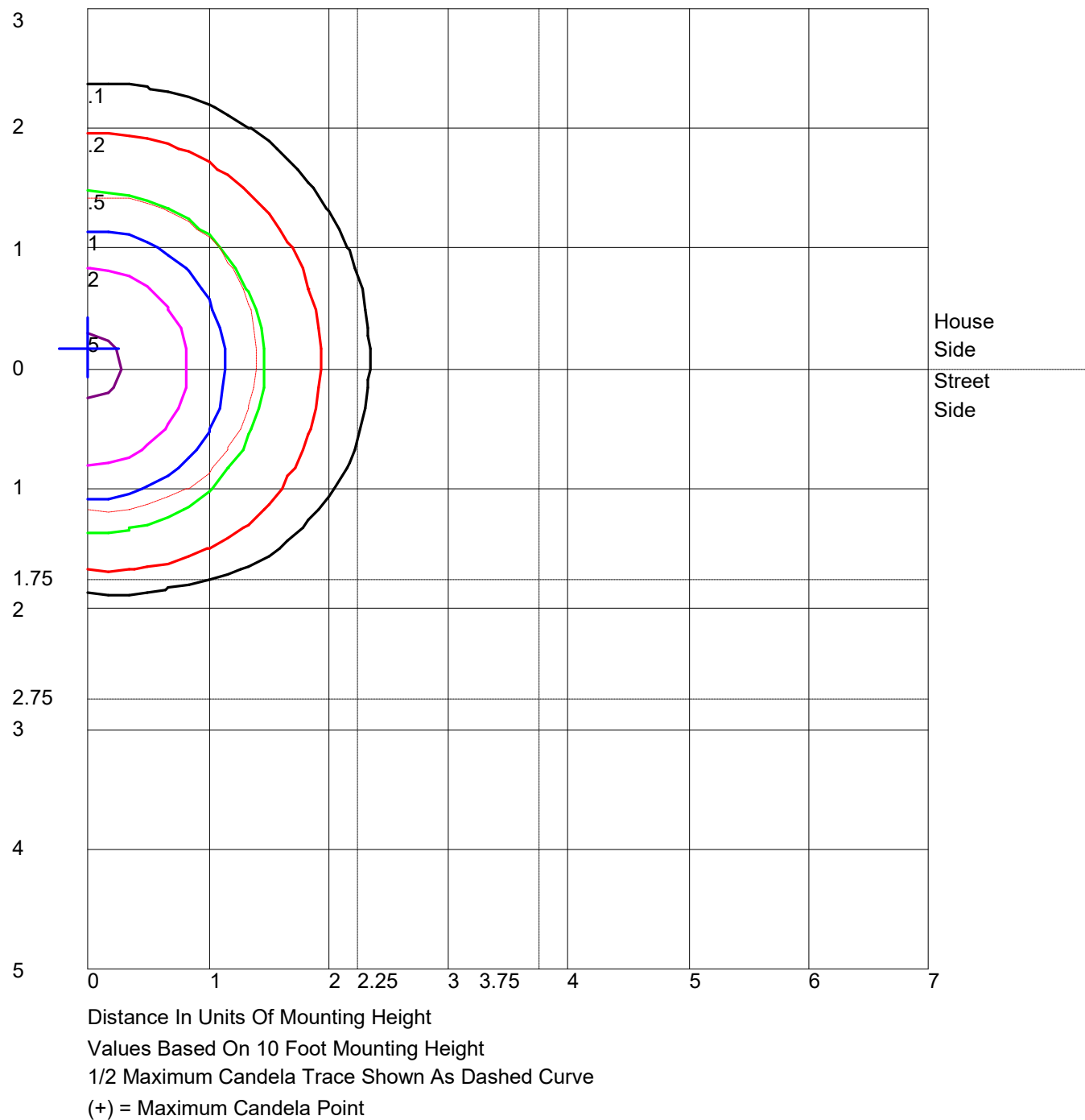
	Lumens	Percent Of Luminaire
Downward Street Side	709.9	45.1
Downward House Side	843.5	53.6
Downward Total	1553.4	98.7
Upward Street Side	0.3	0.0
Upward House Side	19.9	1.3
Upward Total	20.2	1.3
Total Flux	1573.6	100.0

POLAR GRAPH

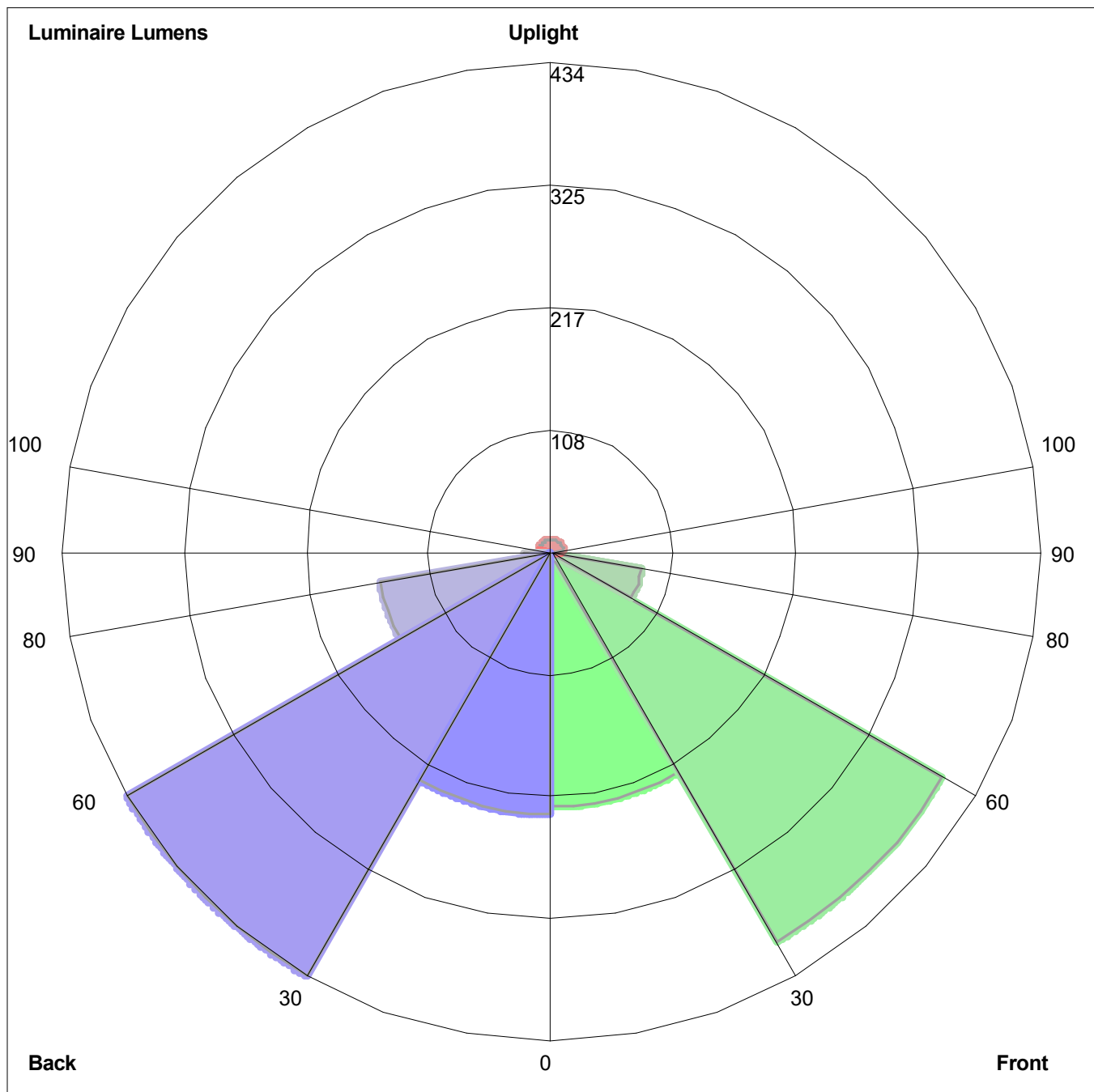


Maximum Candela = 580.686 Located At Horizontal Angle = 180, Vertical Angle = 10  
# 1 - Vertical Plane Through Horizontal Angles (180 - 0) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (10) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=225.8, Medium=399.5, High=81.8, Very High=2.8  
Back: Low=232.9, Medium=433.9, High=153.9, Very High=22.8  
Uplight: Low=9.5, High=10.7

BUG Rating : B1-U2-G1