



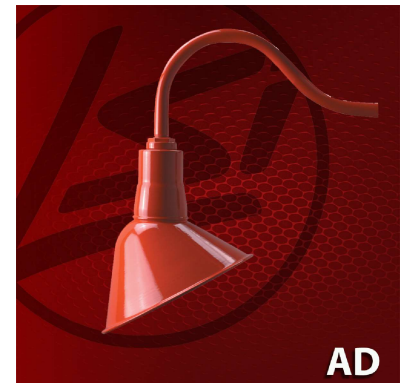
**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : AD-15L-30-GWT.IES**

**DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
[TEST] LED-11885  
[TESTLAB] LSI INDUSTRIES, INC.  
[ISSUE DATE] 7/31/2020  
[TEST DATE] 06/05/20  
[MANUFACT] LSI INDUSTRIES, INC.  
[LUMCAT] AD-15L-30-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	1563
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	143
Total Luminaire Watts	10.9
Ballast Factor	1.00
Upward Waste Light Ratio	0.01
Maximum Candela	569.353
Maximum Candela Angle	180H 10V
Maximum Candela (<90 Degrees Vertical)	569.353
Maximum Candela Angle (<90 Degrees Vertical)	180H 10V
Maximum Candela At 90 Degrees Vertical	37.473 (2.4% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	82.2 (5.3% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)



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**LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	226.9	N.A.	14.5
FM - Front-Medium (30-60)	404.6	N.A.	25.9
FH - Front-High (60-80)	72.5	N.A.	4.6
FVH - Front-Very High (80-90)	2.4	N.A.	0.2
BL - Back-Low (0-30)	229.6	N.A.	14.7
BM - Back-Medium (30-60)	428.0	N.A.	27.4
BH - Back-High (60-80)	152.7	N.A.	9.8
BVH - Back-Very High (80-90)	24.1	N.A.	1.5
UL - Uplight-Low (90-100)	11.3	N.A.	0.7
UH - Uplight-High (100-180)	10.6	N.A.	0.7
Total	1562.7	N.A.	100.0
BUG Rating	B1-U2-G1		

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**CANDELA TABULATION**

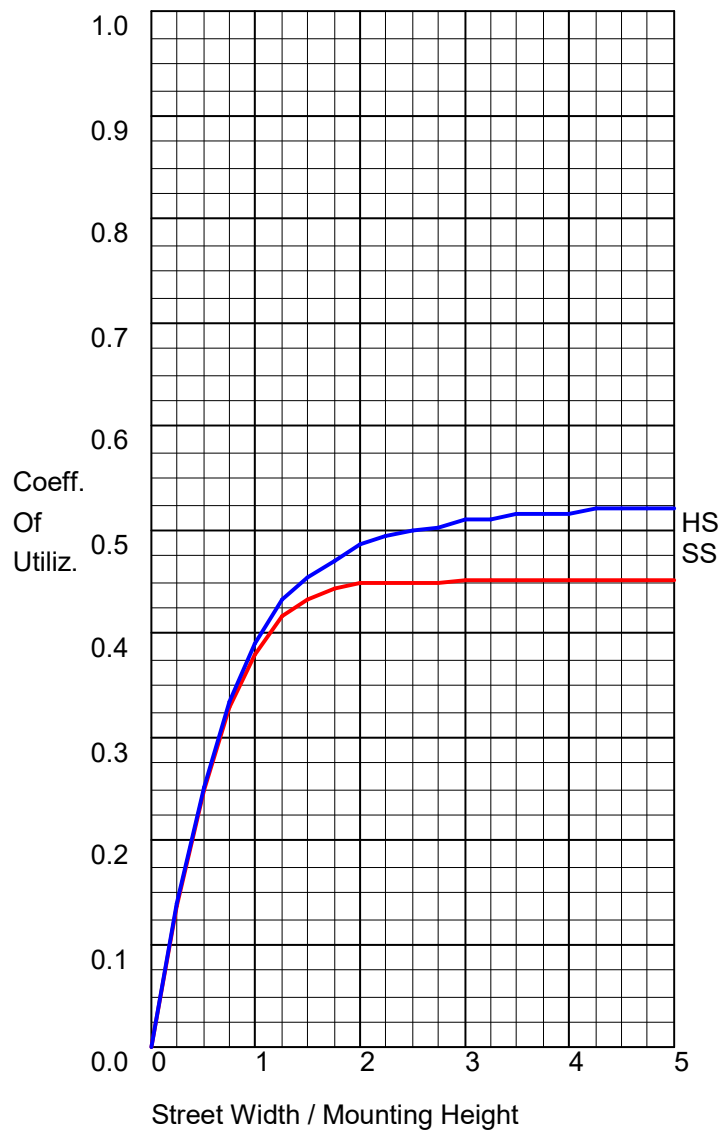
<b>Vert. Angles</b>	<b>Horizontal Angles</b>								
	<b>0.0</b>	<b>22.5</b>	<b>45.0</b>	<b>67.5</b>	<b>90.0</b>	<b>112.5</b>	<b>135.0</b>	<b>157.5</b>	<b>180.0</b>
<b>0.0</b>	565.726	565.726	565.726	565.726	565.726	565.726	565.726	565.726	565.726
<b>2.5</b>	566.935	566.935	566.935	565.726	565.726	566.935	566.935	566.935	566.935
<b>5.0</b>	566.935	566.935	566.935	566.935	566.935	566.935	568.144	568.144	568.144
<b>7.5</b>	565.726	564.518	564.518	565.726	565.726	566.935	568.144	569.353	569.353
<b>10.0</b>	563.309	563.309	563.309	564.518	564.518	565.726	568.144	569.353	569.353
<b>12.5</b>	559.682	560.891	559.682	560.891	562.100	563.309	565.726	566.935	568.144
<b>15.0</b>	556.056	556.056	556.056	557.265	558.473	560.891	562.100	564.518	564.518
<b>17.5</b>	550.012	550.012	550.012	551.221	552.429	554.847	558.473	559.682	560.891
<b>20.0</b>	543.968	543.968	543.968	543.968	546.385	548.803	552.429	553.638	554.847
<b>22.5</b>	534.297	535.506	535.506	536.715	537.924	540.341	543.968	546.385	547.594
<b>25.0</b>	525.835	525.835	525.835	527.044	528.253	531.879	535.506	537.924	539.132
<b>27.5</b>	513.747	514.956	514.956	517.374	518.582	521.000	524.627	527.044	528.253
<b>30.0</b>	499.241	500.450	501.659	502.868	505.286	506.494	510.121	512.538	514.956
<b>32.5</b>	483.527	483.527	485.944	487.153	488.362	491.989	495.615	495.615	498.033
<b>35.0</b>	464.186	465.395	466.603	469.021	471.439	473.856	476.274	476.274	479.900
<b>37.5</b>	443.636	442.427	446.053	449.680	452.098	454.515	456.933	455.724	459.350
<b>40.0</b>	420.668	418.251	425.504	429.130	431.548	433.965	436.383	435.174	436.383
<b>42.5</b>	392.866	394.074	401.327	407.371	408.580	412.207	414.624	412.207	413.415
<b>45.0</b>	366.272	367.480	377.151	381.986	386.821	389.239	389.239	386.821	390.448
<b>47.5</b>	337.260	338.469	350.557	357.810	361.436	363.854	366.272	362.645	367.480
<b>50.0</b>	304.622	308.248	323.963	332.425	336.051	338.469	340.886	338.469	343.304
<b>52.5</b>	267.149	275.610	296.160	307.040	309.457	313.084	315.501	313.084	320.337
<b>55.0</b>	217.587	236.928	268.357	281.654	284.072	288.907	290.116	290.116	298.578
<b>57.5</b>	155.937	189.784	238.137	253.852	258.687	263.522	265.940	265.940	274.401
<b>60.0</b>	89.452	128.135	204.290	227.258	234.510	239.346	241.763	240.555	249.016
<b>62.5</b>	38.682	66.485	163.190	201.872	209.125	215.169	218.796	216.378	223.631
<b>65.0</b>	22.968	31.429	117.255	175.278	184.949	190.993	194.620	193.411	200.664
<b>67.5</b>	18.132	20.550	67.694	148.684	160.773	168.026	171.652	171.652	177.696
<b>70.0</b>	12.088	14.506	31.429	120.882	136.596	142.640	149.893	151.102	155.937
<b>72.5</b>	6.044	9.671	15.715	94.288	112.420	120.882	129.343	131.761	136.596
<b>75.0</b>	1.209	3.626	9.671	65.276	91.870	101.541	108.794	113.629	117.255
<b>77.5</b>	0.000	1.209	6.044	36.265	71.320	82.200	90.661	96.705	100.332
<b>80.0</b>	0.000	0.000	2.418	15.715	53.188	65.276	73.738	78.573	82.200
<b>82.5</b>	0.000	0.000	1.209	6.044	36.265	48.353	58.023	64.067	66.485
<b>85.0</b>	0.000	0.000	0.000	2.418	22.968	35.056	44.726	50.770	53.188
<b>87.5</b>	0.000	0.000	0.000	1.209	10.879	24.176	33.847	39.891	43.517
<b>90.0</b>	0.000	0.000	0.000	0.000	4.835	16.923	27.803	35.056	37.473
<b>92.5</b>	0.000	0.000	0.000	0.000	2.418	13.297	25.385	32.638	36.265
<b>95.0</b>	0.000	0.000	0.000	0.000	2.418	10.879	22.968	30.220	32.638
<b>97.5</b>	0.000	0.000	0.000	0.000	2.418	9.671	20.550	26.594	30.220
<b>100.0</b>	0.000	0.000	0.000	0.000	1.209	6.044	16.923	22.968	25.385
<b>102.5</b>	0.000	0.000	0.000	0.000	1.209	6.044	14.506	19.341	21.759
<b>105.0</b>	0.000	0.000	0.000	0.000	0.000	4.835	12.088	16.923	16.923
<b>107.5</b>	0.000	0.000	0.000	0.000	0.000	4.835	9.671	15.715	15.715
<b>110.0</b>	0.000	0.000	0.000	0.000	0.000	3.626	9.671	13.297	15.715
<b>112.5</b>	0.000	0.000	0.000	0.000	0.000	2.418	8.462	12.088	14.506
<b>115.0</b>	0.000	0.000	0.000	0.000	0.000	1.209	8.462	10.879	12.088
<b>117.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	7.253	10.879	10.879
<b>120.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	6.044	9.671	10.879
<b>122.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	2.418	8.462	9.671
<b>125.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.253	8.462
<b>127.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.626	7.253
<b>130.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.418

IES ROAD REPORT  
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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

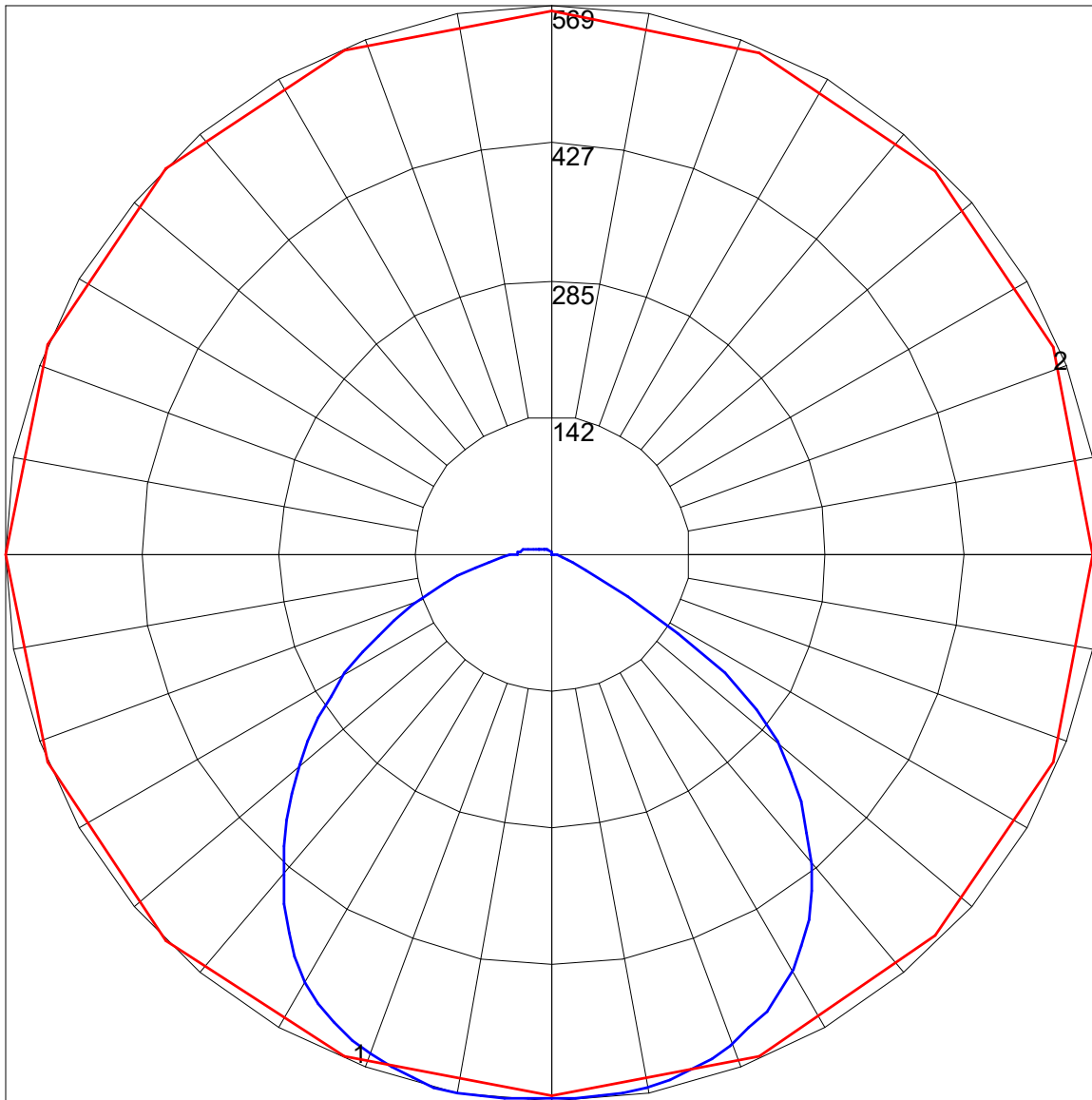
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FLUX DISTRIBUTION

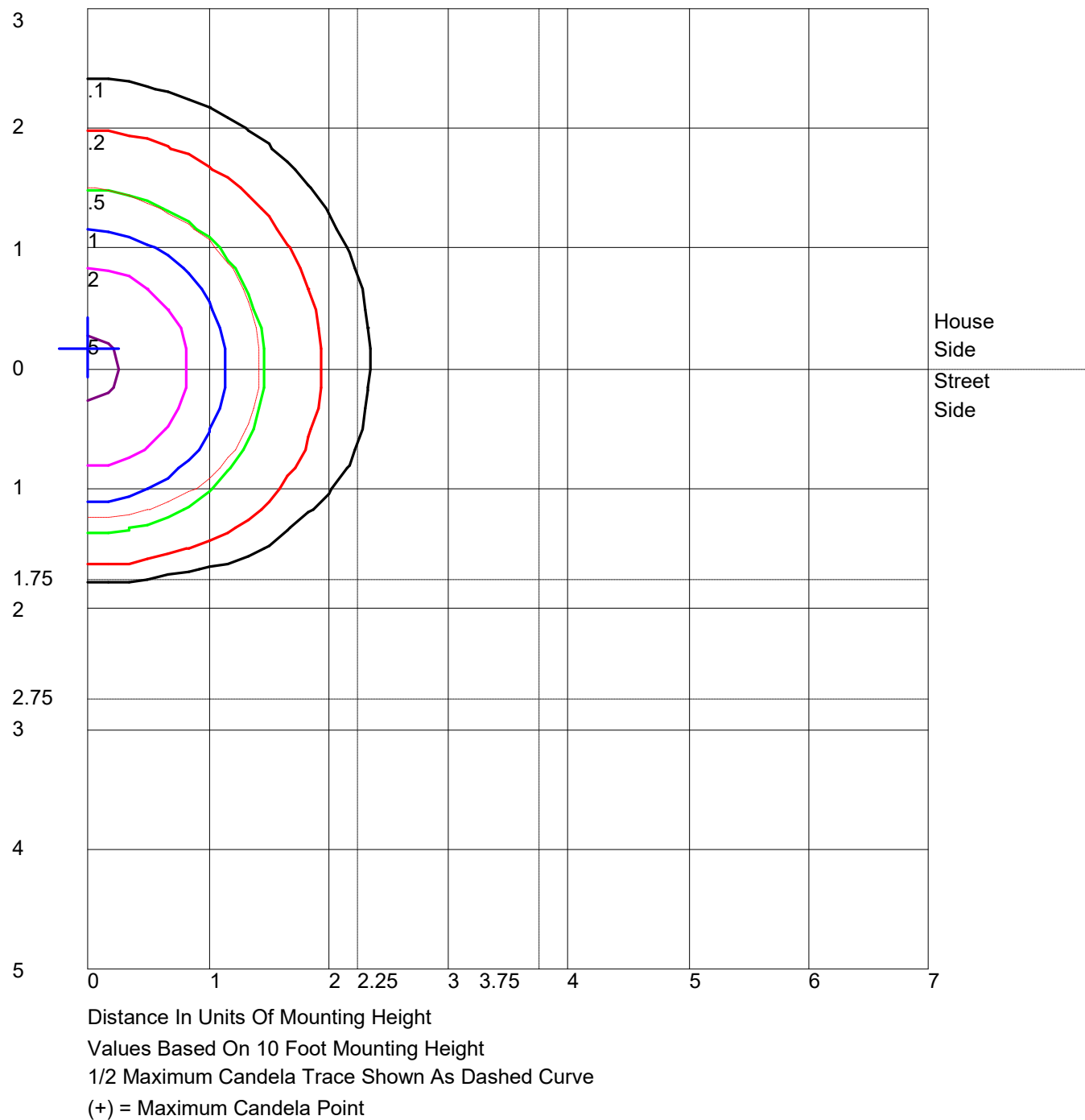
	Lumens	Percent Of Luminaire
Downward Street Side	706.3	45.2
Downward House Side	834.5	53.4
Downward Total	1540.8	98.6
Upward Street Side	0.2	0.0
Upward House Side	21.7	1.4
Upward Total	21.9	1.4
Total Flux	1562.7	100.0

POLAR GRAPH

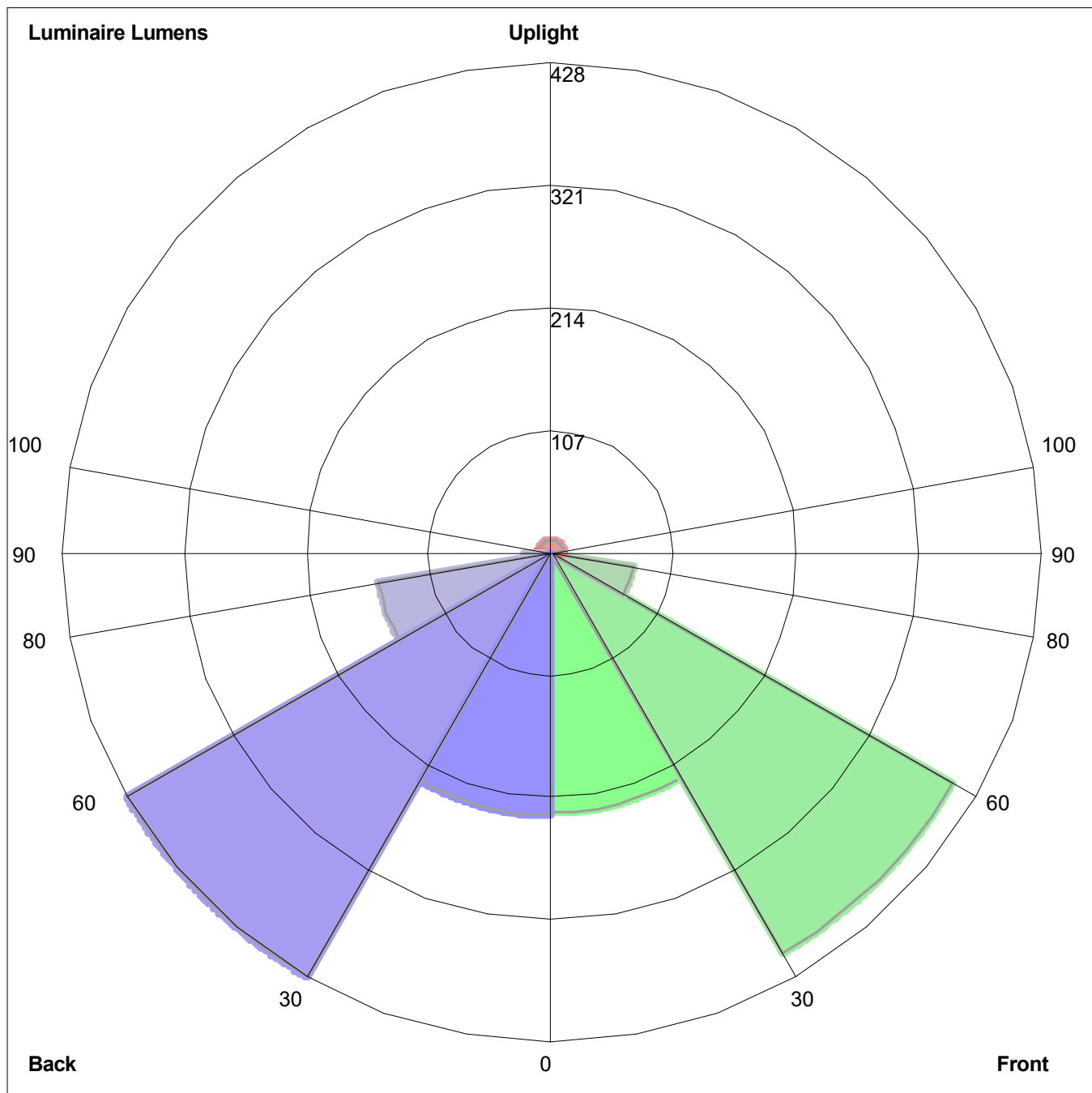


Maximum Candela = 569.353 Located At Horizontal Angle = 180, Vertical Angle = 10  
# 1 - Vertical Plane Through Horizontal Angles (180 - 0) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (10) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=226.9, Medium=404.6, High=72.5, Very High=2.4  
Back: Low=229.6, Medium=428.0, High=152.7, Very High=24.1  
Uplight: Low=11.3, High=10.6

BUG Rating : B1-U2-G1