



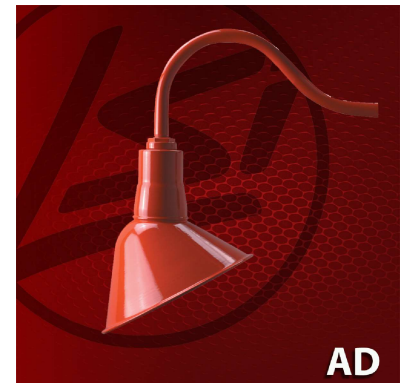
**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : AD-15L-35-GWT.IES**

**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-15L-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	1391
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	128
Total Luminaire Watts	10.9
Ballast Factor	1.00
Upward Waste Light Ratio	0.01
Maximum Candela	513.173
Maximum Candela Angle	180H 10V
Maximum Candela (<90 Degrees Vertical)	513.173
Maximum Candela Angle (<90 Degrees Vertical)	180H 10V
Maximum Candela At 90 Degrees Vertical	26.564 (1.9% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	70.033 (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)	199.5	N.A.	14.3
FM - Front-Medium (30-60)	353.1	N.A.	25.4
FH - Front-High (60-80)	72.3	N.A.	5.2
FVH - Front-Very High (80-90)	2.5	N.A.	0.2
BL - Back-Low (0-30)	205.8	N.A.	14.8
BM - Back-Medium (30-60)	383.5	N.A.	27.6
BH - Back-High (60-80)	136.0	N.A.	9.8
BVH - Back-Very High (80-90)	20.1	N.A.	1.4
UL - Uplight-Low (90-100)	8.4	N.A.	0.6
UH - Uplight-High (100-180)	9.4	N.A.	0.7
Total	1390.6	N.A.	100.0
BUG Rating	B1-U1-G1		

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**CANDELA TABULATION**

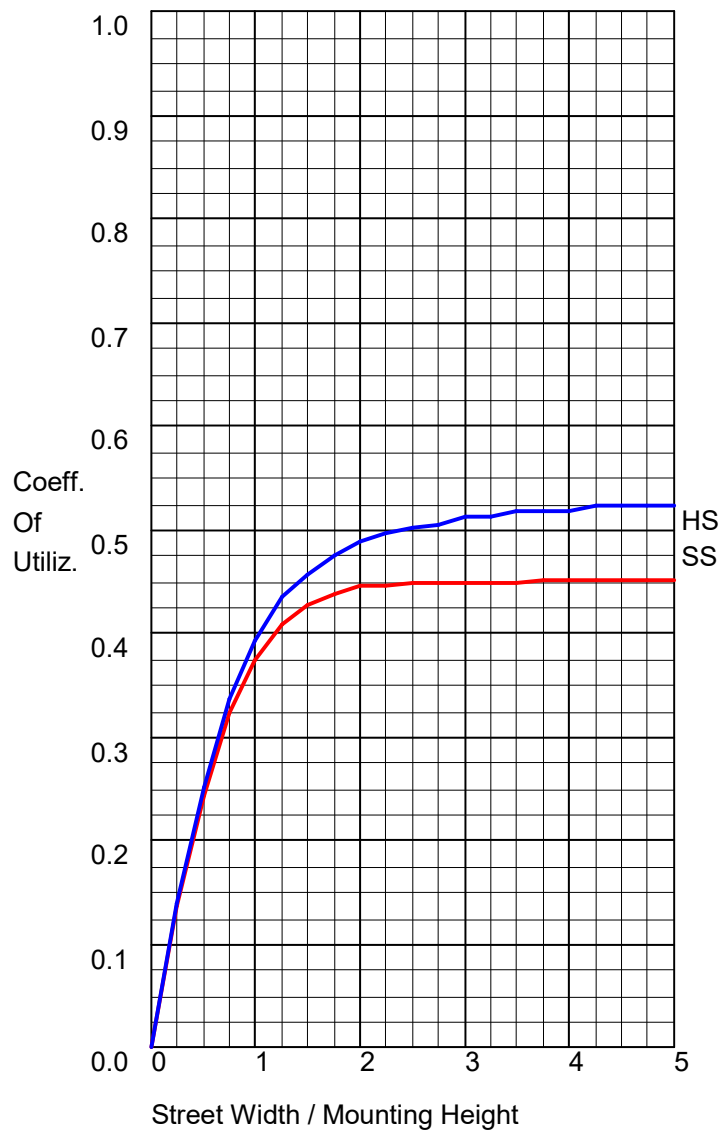
<b>Vert. Angles</b>	<b>Horizontal Angles</b>								
	<b>0.0</b>	<b>22.5</b>	<b>45.0</b>	<b>67.5</b>	<b>90.0</b>	<b>112.5</b>	<b>135.0</b>	<b>157.5</b>	<b>180.0</b>
<b>0.0</b>	504.720	504.720	504.720	504.720	504.720	504.720	504.720	504.720	504.720
<b>2.5</b>	501.098	502.305	503.513	504.720	505.928	507.135	508.343	510.758	510.758
<b>5.0</b>	499.891	501.098	503.513	504.720	505.928	508.343	510.758	511.965	511.965
<b>7.5</b>	498.683	498.683	501.098	503.513	505.928	508.343	510.758	511.965	513.173
<b>10.0</b>	495.061	496.268	498.683	501.098	503.513	507.135	509.550	511.965	513.173
<b>12.5</b>	492.646	492.646	495.061	497.476	501.098	504.720	508.343	510.758	510.758
<b>15.0</b>	487.816	487.816	490.231	493.853	497.476	501.098	504.720	507.135	508.343
<b>17.5</b>	481.779	482.986	485.401	487.816	492.646	497.476	501.098	504.720	504.720
<b>20.0</b>	474.534	474.534	478.156	481.779	485.401	491.438	495.061	498.683	499.891
<b>22.5</b>	466.082	467.289	469.704	473.326	479.364	484.193	489.023	491.438	492.646
<b>25.0</b>	456.422	457.629	460.044	464.874	469.704	475.741	479.364	482.986	485.401
<b>27.5</b>	445.555	446.762	449.177	454.007	458.837	464.874	469.704	473.326	473.326
<b>30.0</b>	429.858	433.480	437.102	440.725	445.555	452.799	457.629	461.252	461.252
<b>32.5</b>	414.161	416.575	422.613	426.235	431.065	438.310	444.347	446.762	446.762
<b>35.0</b>	396.049	399.671	405.708	410.538	415.368	421.405	428.650	431.065	429.858
<b>37.5</b>	375.522	381.559	387.596	392.426	397.256	404.501	411.746	412.953	410.538
<b>40.0</b>	354.995	362.240	368.277	373.107	379.144	386.389	392.426	393.634	390.011
<b>42.5</b>	332.053	340.505	348.957	353.787	358.617	367.069	373.107	374.314	369.484
<b>45.0</b>	307.904	317.563	326.016	332.053	338.090	345.335	352.580	352.580	346.542
<b>47.5</b>	278.924	292.207	305.489	310.319	317.563	324.808	332.053	330.845	323.601
<b>50.0</b>	252.360	266.850	281.339	288.584	295.829	303.074	309.111	307.904	298.244
<b>52.5</b>	224.588	241.493	258.398	265.642	272.887	281.339	287.377	284.962	275.302
<b>55.0</b>	194.402	214.929	234.248	242.700	251.153	258.398	265.642	263.227	254.775
<b>57.5</b>	158.178	184.742	210.099	220.966	228.211	234.248	242.700	242.700	233.041
<b>60.0</b>	114.709	147.311	184.742	198.024	204.062	212.514	222.174	220.966	210.099
<b>62.5</b>	70.033	102.635	158.178	175.082	182.327	190.779	199.232	199.232	188.365
<b>65.0</b>	30.187	54.336	127.991	152.141	161.800	170.253	177.497	178.705	169.045
<b>67.5</b>	18.112	24.149	90.560	130.406	140.066	148.518	156.970	156.970	146.103
<b>70.0</b>	12.075	14.490	51.921	108.672	119.539	129.199	137.651	136.444	127.991
<b>72.5</b>	7.245	9.660	25.357	86.937	100.220	108.672	117.124	118.332	111.087
<b>75.0</b>	2.415	4.830	12.075	65.203	82.108	90.560	99.012	101.427	95.390
<b>77.5</b>	0.000	1.207	7.245	42.261	63.996	72.448	82.108	85.730	80.900
<b>80.0</b>	0.000	0.000	2.415	22.942	45.884	56.751	65.203	70.033	66.411
<b>82.5</b>	0.000	0.000	1.207	10.867	31.394	42.261	50.714	55.543	54.336
<b>85.0</b>	0.000	0.000	0.000	3.622	19.319	28.979	37.431	42.261	42.261
<b>87.5</b>	0.000	0.000	0.000	1.207	9.660	19.319	26.564	31.394	32.602
<b>90.0</b>	0.000	0.000	0.000	1.207	4.830	13.282	20.527	25.357	26.564
<b>92.5</b>	0.000	0.000	0.000	0.000	2.415	10.867	18.112	22.942	24.149
<b>95.0</b>	0.000	0.000	0.000	0.000	2.415	9.660	16.905	21.734	22.942
<b>97.5</b>	0.000	0.000	0.000	0.000	2.415	7.245	15.697	19.319	20.527
<b>100.0</b>	0.000	0.000	0.000	0.000	1.207	6.037	13.282	16.905	18.112
<b>102.5</b>	0.000	0.000	0.000	0.000	1.207	6.037	12.075	14.490	15.697
<b>105.0</b>	0.000	0.000	0.000	0.000	1.207	6.037	9.660	13.282	12.075
<b>107.5</b>	0.000	0.000	0.000	0.000	1.207	4.830	8.452	12.075	12.075
<b>110.0</b>	0.000	0.000	0.000	0.000	0.000	4.830	8.452	10.867	12.075
<b>112.5</b>	0.000	0.000	0.000	0.000	0.000	3.622	8.452	9.660	10.867
<b>115.0</b>	0.000	0.000	0.000	0.000	0.000	2.415	8.452	9.660	9.660
<b>117.5</b>	0.000	0.000	0.000	0.000	0.000	1.207	7.245	9.660	9.660
<b>120.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	6.037	8.452	9.660
<b>122.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	3.622	8.452	8.452
<b>125.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	1.207	7.245	7.245
<b>127.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.830	6.037
<b>130.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.207	3.622

IES ROAD REPORT  
PHOTOMETRIC FILENAME : AD-15L-35-GWT.IES

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

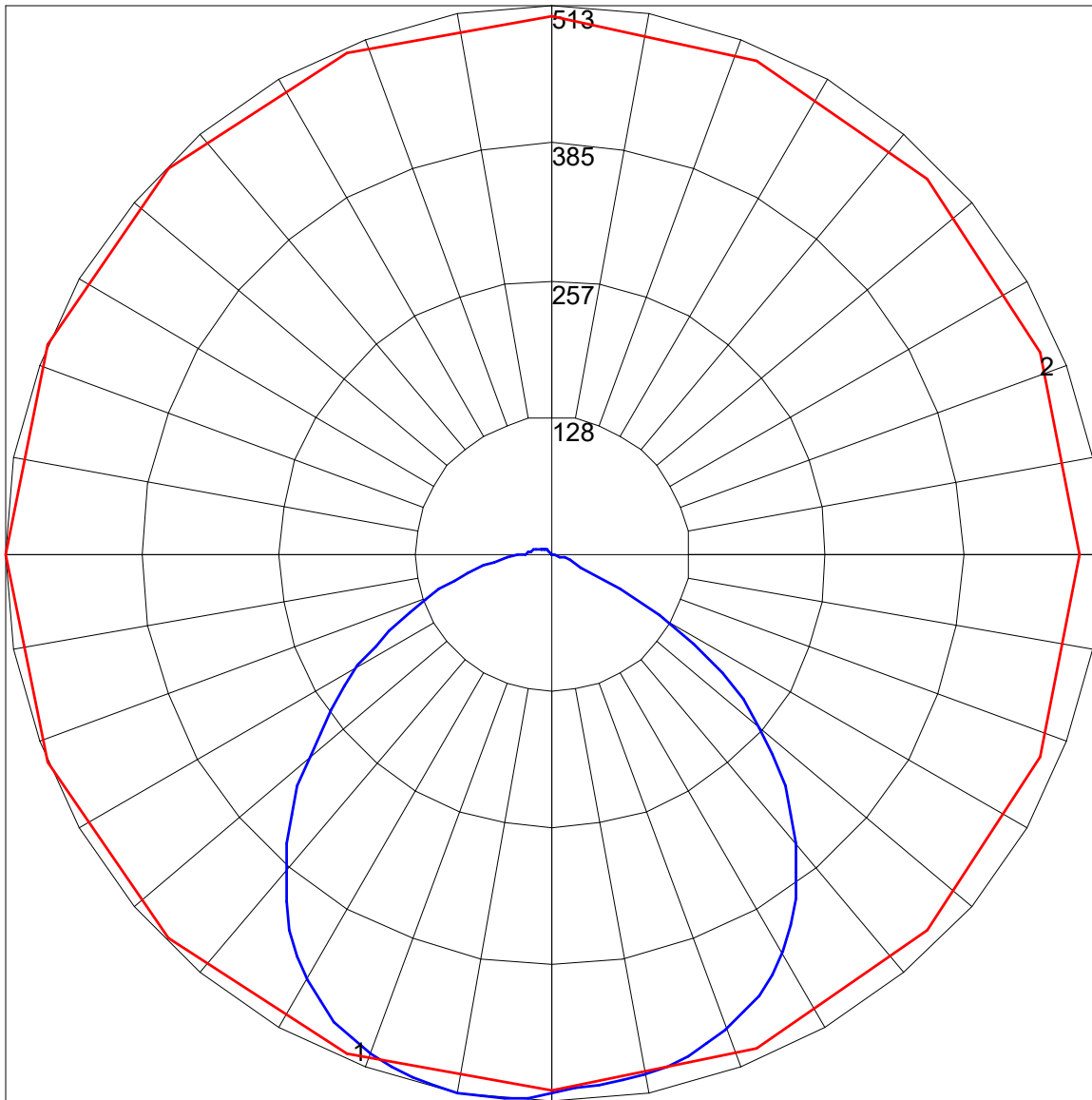
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FLUX DISTRIBUTION

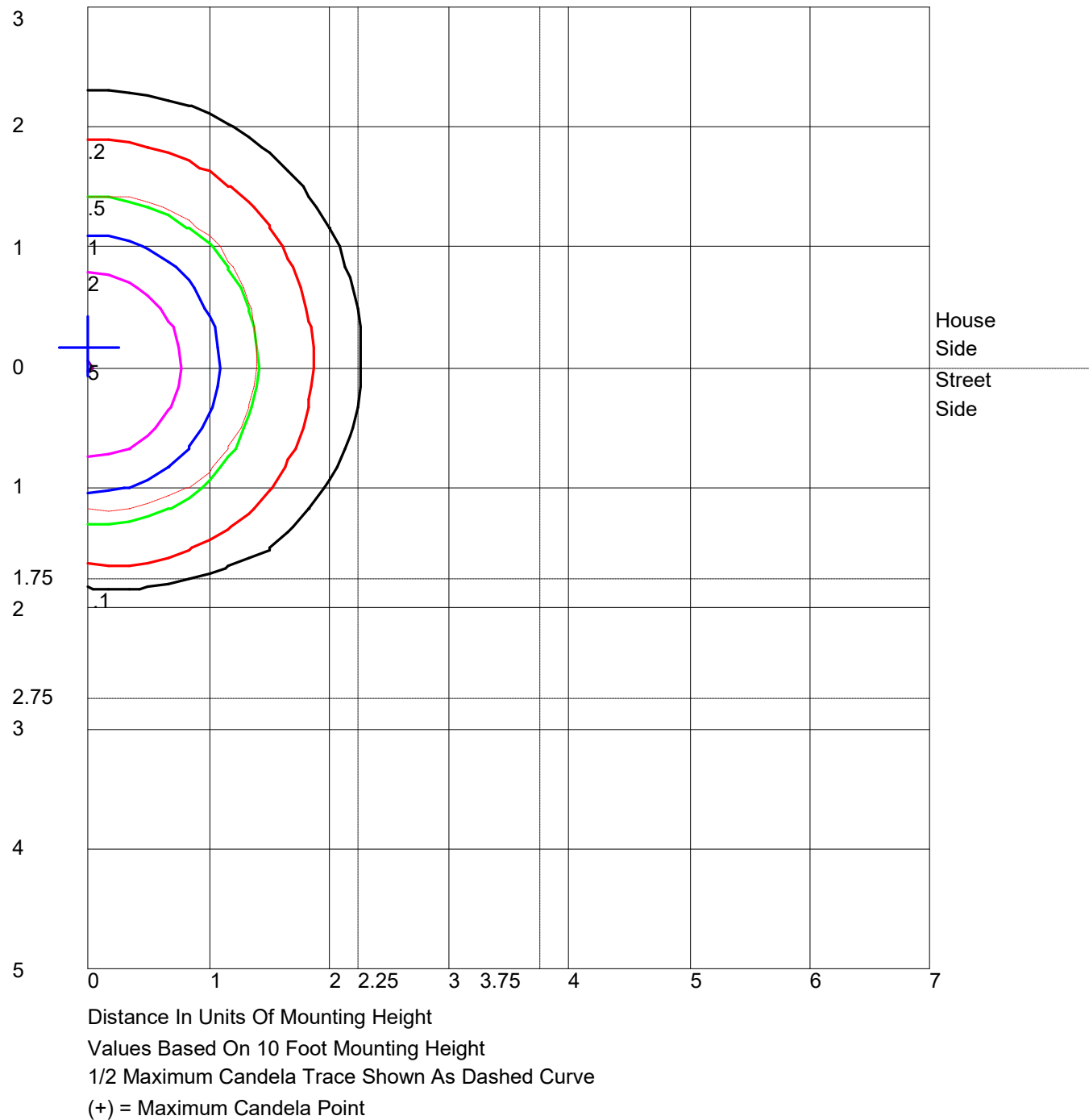
	Lumens	Percent Of Luminaire
Downward Street Side	627.3	45.1
Downward House Side	745.4	53.6
Downward Total	1372.7	98.7
Upward Street Side	0.3	0.0
Upward House Side	17.6	1.3
Upward Total	17.9	1.3
Total Flux	1390.6	100.0

POLAR GRAPH

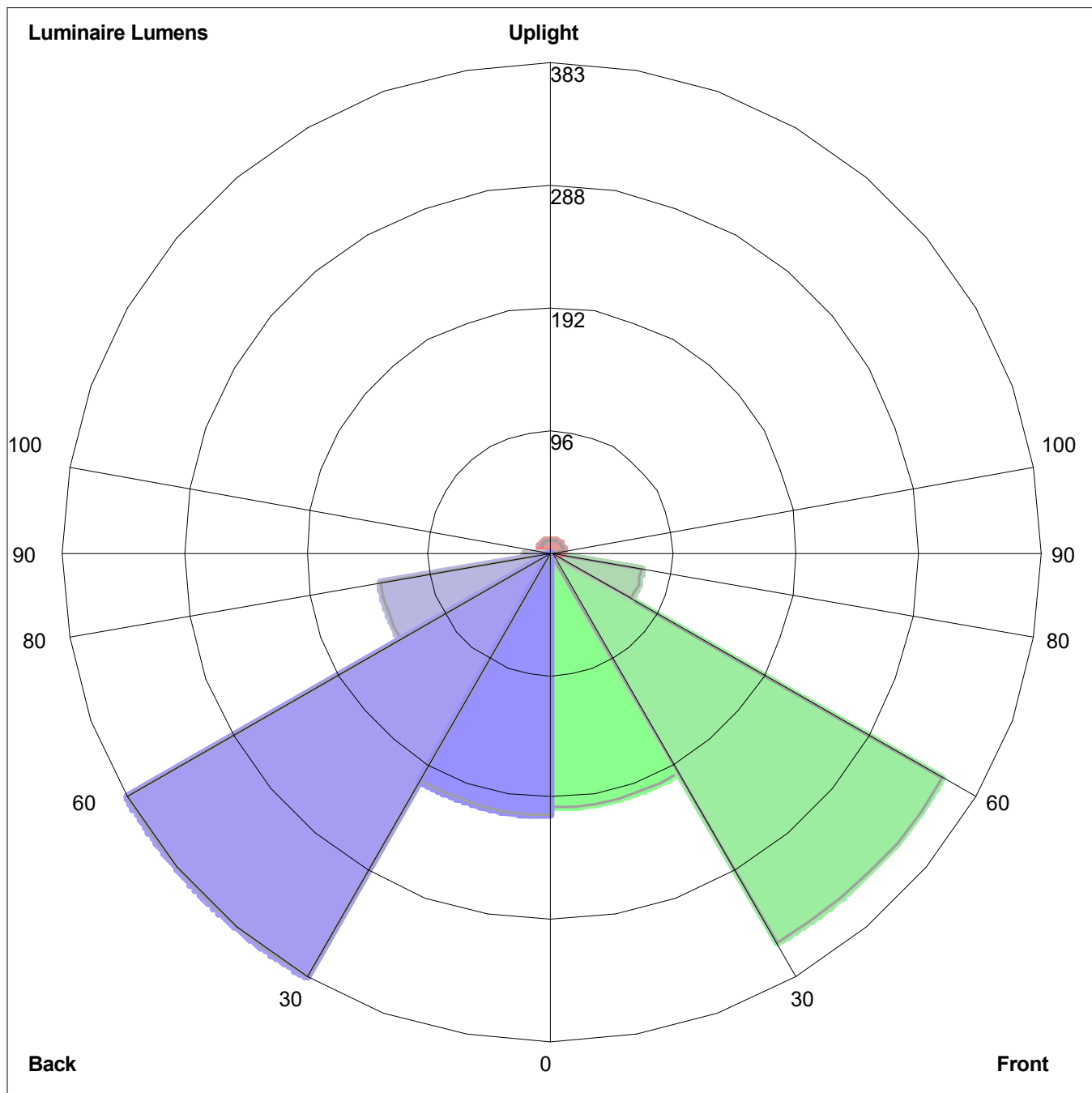


Maximum Candela = 513.173 Located At Horizontal Angle = 180, Vertical Angle = 10  
# 1 - Vertical Plane Through Horizontal Angles (180 - 0) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (10) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=199.5, Medium=353.1, High=72.3, Very High=2.5  
Back: Low=205.8, Medium=383.5, High=136.0, Very High=20.1  
Uplight: Low=8.4, High=9.4

BUG Rating : B1-U1-G1