



IES ROAD REPORT

PHOTOMETRIC FILENAME : WPSLL-06L-40.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 3207_scaled
[TESTLAB] TUV SUD America
[TESTDATE] 6/23/2017 8:25:50 AM
[ISSUE DATE] 10/25/2018
[MANUFACTURER] LSI INDUSTRIES, INC
[LUMCAT] WPSLL-06L-40
[OTHER] TEST PROCEDURE: IESNA
[ABSOLUTE] NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED
[OTHER] SCALED FROM ORIGINAL TEST DATA
[SEARCH_SOURCETYPE] LED
[SEARCH_APPLICATION] Outdoor

CHARACTERISTICS

IES Classification	Type III
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6957
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	120
Total Luminaire Watts	58.14
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	3627.788
Maximum Candela Angle	360H 27.5V
Maximum Candela (<90 Degrees Vertical)	3627.788
Maximum Candela Angle (<90 Degrees Vertical)	360H 27.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	94.431 (1.4% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT
PHOTOMETRIC FILENAME : WPSLL-06L-40.IES

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1292.7	N.A.	18.6
FM - Front-Medium (30-60)	3016.7	N.A.	43.4
FH - Front-High (60-80)	912.7	N.A.	13.1
FVH - Front-Very High (80-90)	6.6	N.A.	0.1
BL - Back-Low (0-30)	732.4	N.A.	10.5
BM - Back-Medium (30-60)	795.4	N.A.	11.4
BH - Back-High (60-80)	193.1	N.A.	2.8
BVH - Back-Very High (80-90)	7.5	N.A.	0.1
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	6957.1	N.A.	100.0
BUG Rating	B2-U0-G1		

IES ROAD REPORT
PHOTOMETRIC FILENAME : WPSLL-06L-40.IES

CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>	<u>112.5</u>	<u>135.0</u>	<u>157.5</u>	<u>180.0</u>	<u>202.5</u>
0.0	2649.907	2649.907	2649.907	2649.907	2649.907	2649.907	2649.907	2649.907	2649.907	2649.907
2.5	2719.598	2780.322	2754.200	2713.642	2663.480	2611.539	2565.240	2534.047	2443.856	2534.047
5.0	2846.172	2894.207	2838.036	2753.542	2652.022	2548.247	2460.386	2401.561	2299.620	2401.561
7.5	2968.753	3003.874	2916.413	2785.188	2632.385	2478.599	2349.414	2264.909	2154.422	2264.909
10.0	3090.202	3108.717	2987.625	2810.037	2605.216	2400.287	2232.691	2124.783	2003.021	2124.783
12.5	3203.322	3201.617	3052.730	2827.376	2570.937	2316.635	2111.544	1980.935	1847.035	1980.935
15.0	3299.382	3289.110	3111.005	2838.435	2529.526	2225.872	1986.103	1830.537	1676.299	1830.537
17.5	3394.752	3369.817	3161.630	2842.762	2479.020	2129.390	1857.868	1665.271	1452.553	1665.271
20.0	3486.832	3446.651	3208.447	2838.986	2421.975	2028.161	1725.931	1464.896	1205.231	1464.896
22.5	3562.521	3506.987	3250.311	2827.592	2357.226	1922.724	1580.054	1234.762	962.754	1234.762
25.0	3604.202	3541.999	3287.934	2808.634	2286.057	1809.799	1406.329	1010.315	827.602	1010.315
27.5	3627.788	3556.145	3314.617	2781.110	2204.972	1690.131	1219.430	854.879	776.438	854.879
30.0	3616.351	3540.144	3321.933	2744.328	2116.971	1566.276	1035.908	781.638	699.949	781.638
32.5	3560.072	3496.262	3309.438	2702.399	2020.458	1442.194	873.750	716.522	618.347	716.522
35.0	3521.100	3444.180	3278.903	2654.590	1915.280	1316.030	771.064	637.326	564.301	637.326
37.5	3473.755	3393.026	3219.226	2601.515	1803.099	1186.371	715.152	571.768	541.643	571.768
40.0	3414.228	3330.144	3139.382	2539.766	1684.369	1053.096	650.975	534.889	527.228	534.889
42.5	3329.442	3250.408	3047.130	2467.647	1560.752	921.311	574.044	515.672	512.090	515.672
45.0	3274.188	3176.520	2951.598	2379.744	1433.519	799.916	508.875	499.498	492.561	499.498
47.5	3234.806	3115.472	2840.949	2272.030	1301.561	697.705	469.352	480.584	466.482	480.584
50.0	3188.281	3055.913	2713.329	2138.270	1163.809	624.109	445.981	456.814	434.857	456.814
52.5	3141.777	2990.657	2586.151	1980.385	1022.788	566.923	425.147	426.128	399.791	426.128
55.0	3085.304	2915.776	2456.836	1804.556	884.583	504.365	401.496	391.418	364.206	391.418
57.5	3014.070	2826.664	2329.410	1622.738	748.568	432.980	373.313	355.111	326.615	355.111
60.0	2902.095	2692.753	2191.302	1438.763	621.034	360.246	339.163	317.152	288.247	317.152
62.5	2557.623	2417.950	2043.332	1259.255	504.645	301.043	300.957	278.299	249.728	278.299
65.0	2015.894	1946.732	1876.178	1079.898	409.911	261.424	260.895	239.132	212.794	239.132
67.5	1400.428	1375.557	1655.884	897.865	343.663	228.731	220.401	201.120	177.210	201.120
70.0	816.230	810.814	1320.131	692.580	279.518	192.704	180.674	164.996	142.715	164.996
72.5	346.943	368.328	878.249	489.000	212.762	153.732	142.176	131.030	111.360	131.030
75.0	142.262	136.867	450.902	326.291	148.207	114.802	107.206	99.384	80.642	99.384
77.5	50.776	52.481	164.521	201.498	89.544	79.347	75.506	69.238	52.017	69.238
80.0	23.964	19.950	45.630	94.431	45.867	49.126	48.230	43.083	28.517	43.083
82.5	13.261	9.635	12.753	33.826	18.591	26.089	25.377	22.205	12.117	22.205
85.0	4.607	3.420	4.596	7.574	6.204	10.552	10.013	8.491	3.463	8.491
87.5	1.273	0.626	1.003	1.208	1.521	2.590	2.611	1.888	0.205	1.888
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

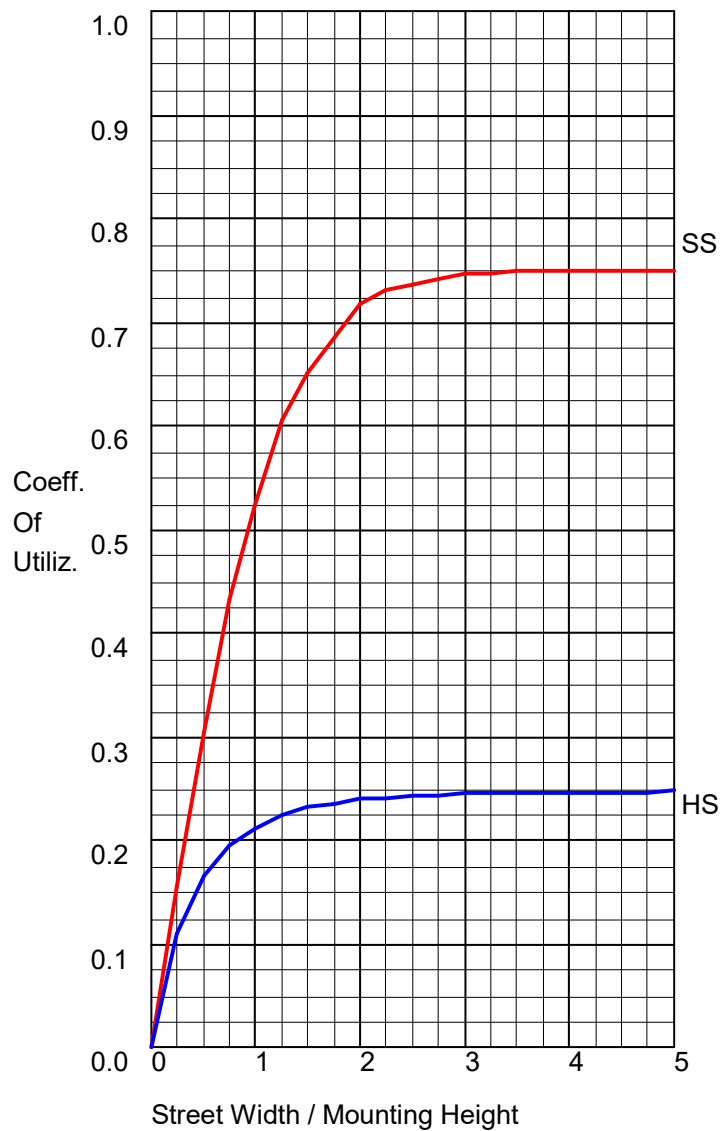
Vert. Angles	Horizontal Angles						
	<u>225.0</u>	<u>247.5</u>	<u>270.0</u>	<u>292.5</u>	<u>315.0</u>	<u>337.5</u>	<u>360.0</u>
0.0	2649.907	2649.907	2649.907	2649.907	2649.907	2649.907	2649.907
2.5	2565.240	2611.539	2663.480	2713.642	2754.200	2780.322	2719.598
5.0	2460.386	2548.247	2652.022	2753.542	2838.036	2894.207	2846.172
7.5	2349.414	2478.599	2632.385	2785.188	2916.413	3003.874	2968.753
10.0	2232.691	2400.287	2605.216	2810.037	2987.625	3108.717	3090.202
12.5	2111.544	2316.635	2570.937	2827.376	3052.730	3201.617	3203.322
15.0	1986.103	2225.872	2529.526	2838.435	3111.005	3289.110	3299.382
17.5	1857.868	2129.390	2479.020	2842.762	3161.630	3369.817	3394.752
20.0	1725.931	2028.161	2421.975	2838.986	3208.447	3446.651	3486.832
22.5	1580.054	1922.724	2357.226	2827.592	3250.311	3506.987	3562.521
25.0	1406.329	1809.799	2286.057	2808.634	3287.934	3541.999	3604.202
27.5	1219.430	1690.131	2204.972	2781.110	3314.617	3556.145	3627.788

IES ROAD REPORT
PHOTOMETRIC FILENAME : WPSLL-06L-40.IES

CANDELA TABULATION - (Cont.)

30.0	1035.908	1566.276	2116.971	2744.328	3321.933	3540.144	3616.351
32.5	873.750	1442.194	2020.458	2702.399	3309.438	3496.262	3560.072
35.0	771.064	1316.030	1915.280	2654.590	3278.903	3444.180	3521.100
37.5	715.152	1186.371	1803.099	2601.515	3219.226	3393.026	3473.755
40.0	650.975	1053.096	1684.369	2539.766	3139.382	3330.144	3414.228
42.5	574.044	921.311	1560.752	2467.647	3047.130	3250.408	3329.442
45.0	508.875	799.916	1433.519	2379.744	2951.598	3176.520	3274.188
47.5	469.352	697.705	1301.561	2272.030	2840.949	3115.472	3234.806
50.0	445.981	624.109	1163.809	2138.270	2713.329	3055.913	3188.281
52.5	425.147	566.923	1022.788	1980.385	2586.151	2990.657	3141.777
55.0	401.496	504.365	884.583	1804.556	2456.836	2915.776	3085.304
57.5	373.313	432.980	748.568	1622.738	2329.410	2826.664	3014.070
60.0	339.163	360.246	621.034	1438.763	2191.302	2692.753	2902.095
62.5	300.957	301.043	504.645	1259.255	2043.332	2417.950	2557.623
65.0	260.895	261.424	409.911	1079.898	1876.178	1946.732	2015.894
67.5	220.401	228.731	343.663	897.865	1655.884	1375.557	1400.428
70.0	180.674	192.704	279.518	692.580	1320.131	810.814	816.230
72.5	142.176	153.732	212.762	489.000	878.249	368.328	346.943
75.0	107.206	114.802	148.207	326.291	450.902	136.867	142.262
77.5	75.506	79.347	89.544	201.498	164.521	52.481	50.776
80.0	48.230	49.126	45.867	94.431	45.630	19.950	23.964
82.5	25.377	26.089	18.591	33.826	12.753	9.635	13.261
85.0	10.013	10.552	6.204	7.574	4.596	3.420	4.607
87.5	2.611	2.590	1.521	1.208	1.003	0.626	1.273
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000

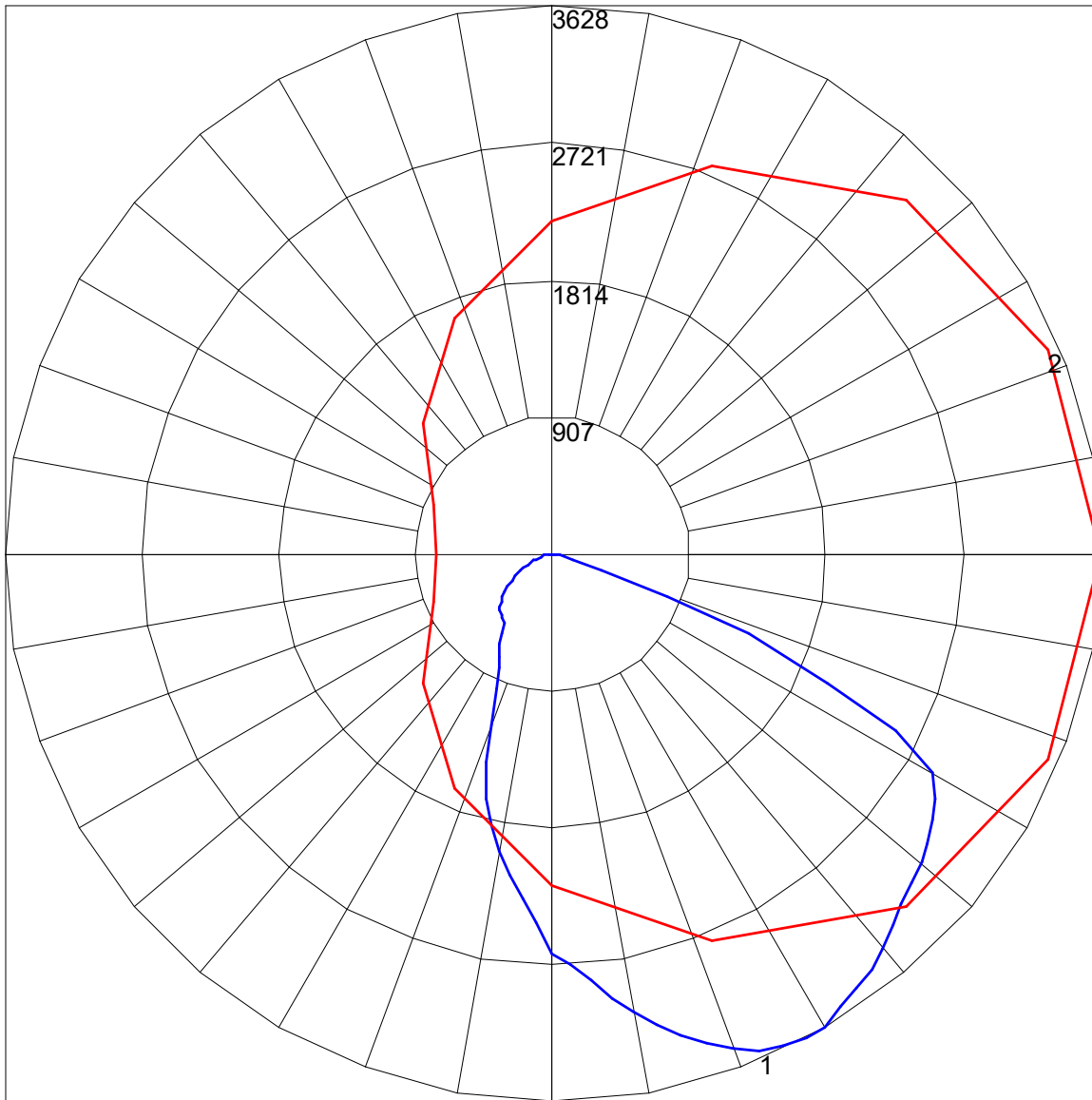
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

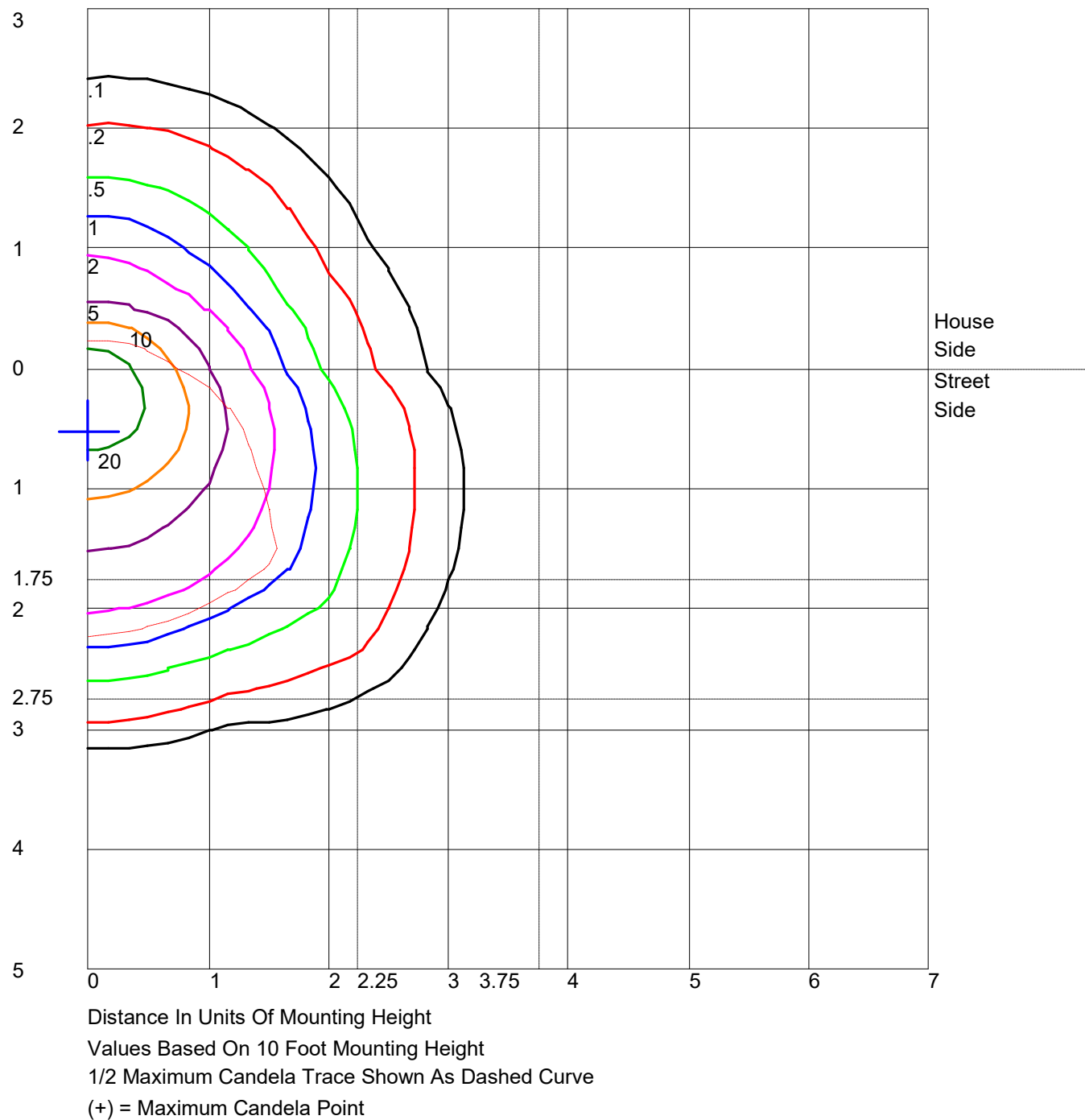
	Lumens	Percent Of Luminaire
Downward Street Side	5228.7	75.2
Downward House Side	1728.3	24.8
Downward Total	6957.0	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	6957.0	100.0

POLAR GRAPH

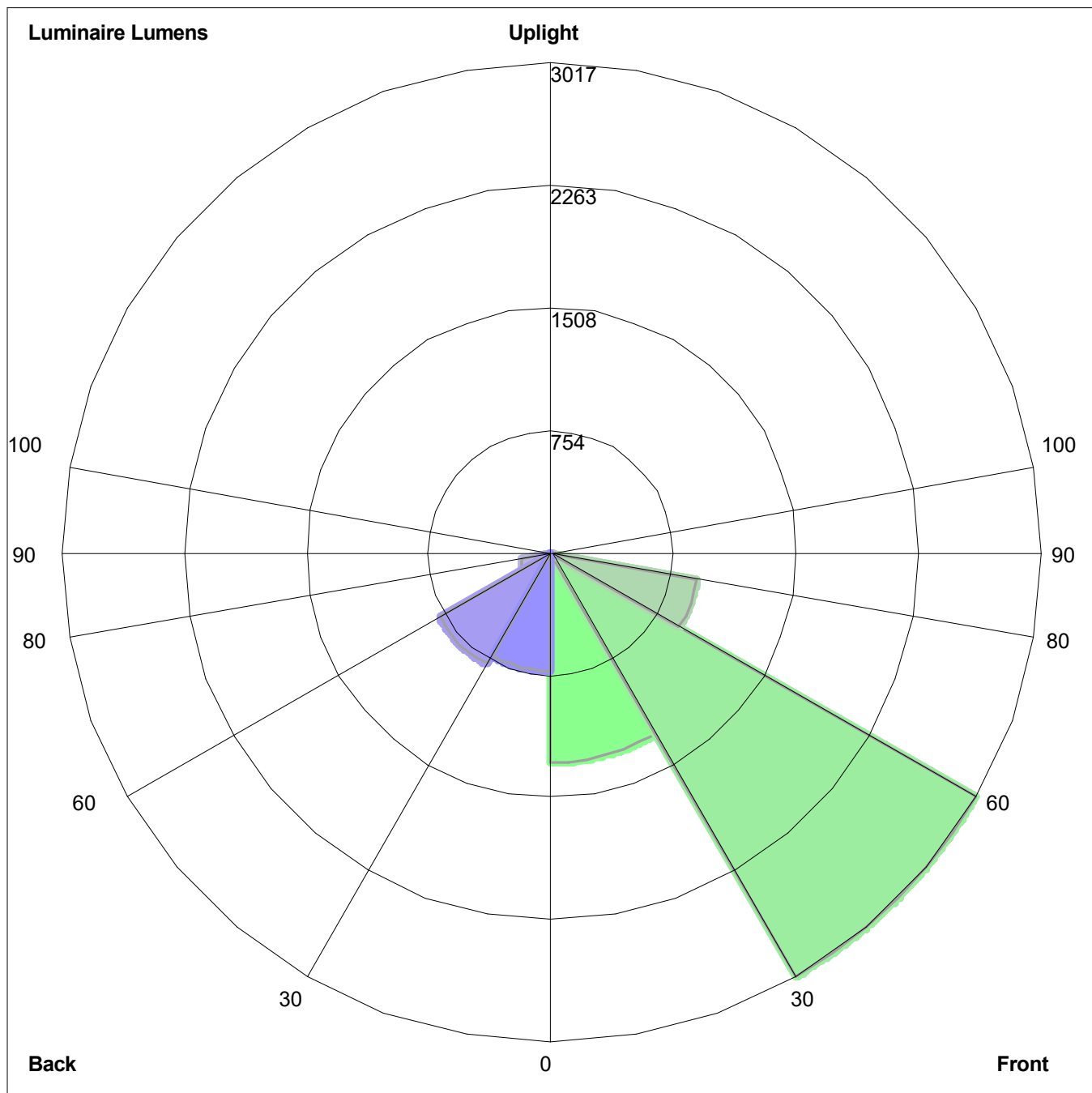


Maximum Candela = 3627.788 Located At Horizontal Angle = 360, Vertical Angle = 27.5
1 - Vertical Plane Through Horizontal Angles (360 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (27.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=1292.7, Medium=3016.7, High=912.7, Very High=6.6
Back: Low=732.4, Medium=795.4, High=193.1, Very High=7.5
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G1