



IES ROAD REPORT

PHOTOMETRIC FILENAME : AFL LW F UV 840.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB] Ningbo TengLi Testing Co., Ltd

[TESTDATE] 31 August 2017

[ISSUEDATE] 2017-09-13 09:55:17

[NEARFIELD]

[LAMPPOSITION] 0,0

[OTHER] EVERFINE GO-R5000_V2 SYSTEM

[MANUFAC] LumenFocus, LLC

[LUMINAIRE] AFL LW F UV 840

[OTHER]

[OTHER]	Gamma(deg)	Fz(lm)	Ft(lm)	%Lum	%Lamp
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[OTHER]	0- 10	239.41	239.41	1.98	1.92
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[OTHER]	10- 20	717.26	956.67	7.93	7.68
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[OTHER]	20- 30	1195.04	2151.71	17.83	17.27
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[OTHER]	30- 40	1634.54	3786.25	31.38	30.39
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[OTHER]	40- 50	1983.32	5769.57	47.81	46.30
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[OTHER]	50- 60	2225.96	7995.53	66.26	64.17
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[OTHER]	60- 70	2329.96	10325.49	85.57	82.87
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[OTHER]	70- 80	1479.71	11805.20	97.83	94.74
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[OTHER]	80- 90	243.95	12049.15	99.85	96.70
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[OTHER]	90-100	1.53	12050.68	99.86	96.71
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[OTHER]	100-110	2.47	12053.15	99.88	96.73
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[OTHER]	110-120	3.31	12056.45	99.91	96.76
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[OTHER]	120-130	3.00	12059.45	99.93	96.78
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[OTHER]	130-140	2.55	12062.00	99.96	96.80
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[OTHER]	140-150	2.16	12064.16	99.97	96.82
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[OTHER]	150-160	1.69	12065.85	99.99	96.83
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[OTHER]	160-170	1.12	12066.97	100.00	96.84
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[OTHER]	170-180	0.42	12067.38	100.00	96.85
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[OTHER]

CHARACTERISTICS

IES Classification

Type IV

Longitudinal Classification

Medium

Lumens Per Lamp

N.A. (absolute)

Total Lamp Lumens

N.A. (absolute)

Luminaire Lumens

12071

Downward Total Efficiency

N.A. (absolute)

Total Luminaire Efficiency

N.A. (absolute)

Luminaire Efficacy Rating (LER)

123

Total Luminaire Watts

97.8

Ballast Factor

1.00

Upward Waste Light Ratio

0.00

Maximum Candela

3944.77

Maximum Candela Angle

60H 71V

Maximum Candela (<90 Degrees Vertical)

3944.77

Maximum Candela Angle (<90 Degrees Vertical)

60H 71V

Maximum Candela At 90 Degrees Vertical

5.87 (0.0% Luminaire Lumens)

Maximum Candela from 80 to <90 Degrees Vertical

1914.88 (15.9% Luminaire Lumens)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1219.9	N.A.	10.1
FM - Front-Medium (30-60)	3559.5	N.A.	29.5
FH - Front-High (60-80)	2439.7	N.A.	20.2
FVH - Front-Very High (80-90)	158.0	N.A.	1.3
BL - Back-Low (0-30)	931.8	N.A.	7.7
BM - Back-Medium (30-60)	2285.4	N.A.	18.9
BH - Back-High (60-80)	1371.7	N.A.	11.4
BVH - Back-Very High (80-90)	86.3	N.A.	0.7
UL - Uplight-Low (90-100)	1.5	N.A.	0.0
UH - Uplight-High (100-180)	16.7	N.A.	0.1
Total	12070.5	N.A.	100.0
BUG Rating	B3-U2-G3		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	0	15	30	45	60	75	90	105	120	135
0	2509.58	2509.58	2509.58	2509.58	2509.58	2509.58	2509.58	2509.58	2509.58	2509.58
1	2536.48	2535.20	2535.07	2525.12	2520.30	2509.33	2506.14	2501.15	2493.38	2485.78
2	2567.70	2570.95	2553.58	2542.20	2524.14	2522.06	2504.14	2490.41	2477.86	2467.48
3	2596.65	2595.04	2581.24	2561.11	2546.91	2529.49	2503.70	2480.76	2458.77	2442.26
4	2624.21	2622.19	2611.10	2574.88	2551.29	2527.43	2498.64	2470.43	2443.45	2419.05
5	2658.24	2654.42	2631.47	2597.90	2567.19	2535.21	2495.44	2461.95	2425.83	2395.85
6	2692.45	2680.70	2659.32	2617.97	2579.27	2538.81	2492.80	2451.55	2410.65	2374.14
7	2717.26	2714.42	2690.35	2639.20	2593.04	2545.98	2489.86	2441.45	2395.48	2353.61
8	2749.38	2741.32	2707.29	2662.86	2606.05	2551.58	2486.44	2434.31	2380.90	2332.48
9	2783.00	2769.11	2729.08	2679.78	2613.54	2559.59	2481.87	2424.50	2367.27	2312.67
10	2810.48	2803.90	2758.81	2700.02	2626.29	2563.48	2481.60	2420.85	2353.66	2292.76
11	2839.64	2828.68	2781.19	2718.23	2642.68	2577.79	2483.04	2411.96	2342.54	2273.13
12	2870.66	2858.37	2808.63	2745.93	2659.15	2586.37	2483.47	2406.04	2326.73	2254.72
13	2898.60	2888.05	2831.96	2765.31	2674.59	2594.12	2488.26	2400.94	2317.95	2234.23
14	2925.56	2910.41	2861.10	2786.96	2693.08	2605.00	2491.15	2396.65	2309.20	2217.85
15	2953.84	2940.73	2885.82	2806.97	2709.71	2619.54	2492.29	2400.30	2297.89	2201.27
16	2976.65	2963.19	2906.80	2830.90	2729.60	2633.17	2494.71	2397.78	2289.42	2185.48
17	3004.68	2989.25	2931.87	2853.78	2750.38	2646.72	2500.85	2398.65	2281.35	2171.98
18	3030.17	3013.90	2959.55	2877.72	2772.48	2663.82	2510.55	2400.07	2273.73	2156.56
19	3058.44	3038.47	2979.25	2900.45	2790.45	2677.86	2521.15	2399.52	2267.85	2142.83
20	3081.03	3062.29	3007.12	2925.49	2814.28	2697.83	2532.46	2406.12	2260.95	2126.96
21	3101.88	3086.10	3027.40	2940.09	2838.03	2719.48	2545.24	2406.01	2254.74	2113.88
22	3118.78	3100.04	3039.73	2963.43	2855.87	2738.97	2559.06	2413.91	2250.00	2100.60
23	3140.09	3124.30	3059.80	2982.11	2876.28	2759.61	2569.83	2415.19	2243.52	2083.08
24	3155.62	3138.05	3076.14	2995.14	2898.38	2781.87	2585.63	2421.48	2238.54	2066.71
25	3165.61	3151.85	3088.60	3022.10	2914.39	2803.93	2605.75	2424.30	2231.05	2057.10
26	3175.72	3164.33	3107.33	3039.52	2929.06	2823.04	2611.50	2430.08	2225.67	2039.86
27	3187.70	3176.08	3114.30	3056.64	2950.68	2843.98	2624.22	2432.57	2218.45	2023.45
28	3194.03	3182.66	3123.25	3067.61	2965.32	2862.14	2648.67	2438.97	2214.81	2015.40
29	3199.79	3187.62	3137.48	3086.96	2987.09	2875.77	2659.43	2440.55	2205.95	1995.76
30	3201.54	3195.77	3150.35	3098.33	3000.51	2891.81	2692.39	2451.07	2199.04	1983.61
31	3202.15	3200.56	3153.32	3111.63	3020.28	2912.09	2711.45	2457.27	2190.45	1971.95
32	3205.28	3197.41	3158.43	3121.17	3036.81	2925.60	2746.28	2463.81	2178.77	1958.20
33	3203.36	3198.81	3157.72	3133.03	3050.84	2940.31	2768.42	2467.52	2174.96	1944.37
34	3201.04	3192.83	3161.30	3142.87	3069.08	2958.61	2788.26	2469.40	2168.71	1934.45
35	3190.44	3190.28	3164.52	3146.83	3081.30	2965.68	2816.59	2477.12	2166.63	1927.18
36	3180.00	3182.25	3163.16	3151.91	3093.75	2981.23	2836.53	2495.50	2163.50	1921.62
37	3169.32	3174.71	3163.71	3163.30	3105.31	2995.44	2855.78	2508.13	2171.90	1924.82
38	3151.76	3162.07	3156.13	3163.80	3110.93	3009.97	2876.71	2528.93	2175.27	1917.44
39	3141.04	3146.40	3149.34	3162.41	3122.13	3025.08	2897.46	2549.26	2172.23	1897.91
40	3122.30	3130.65	3140.15	3167.47	3140.31	3042.79	2925.16	2567.12	2158.29	1874.52
41	3095.90	3109.78	3133.67	3172.83	3156.36	3062.51	2945.15	2569.30	2139.50	1850.48
42	3066.53	3082.92	3117.39	3175.76	3172.64	3085.36	2971.23	2578.76	2123.15	1831.29
43	3043.92	3054.59	3098.23	3175.29	3185.28	3111.06	2989.73	2588.00	2112.55	1813.79
44	3013.78	3028.30	3077.23	3176.68	3193.81	3138.08	2996.21	2593.48	2108.87	1800.93
45	2978.32	3000.14	3056.24	3171.09	3214.90	3162.12	3002.95	2603.34	2105.63	1789.18
46	2954.40	2972.09	3032.17	3159.05	3223.65	3176.48	3003.42	2613.49	2098.11	1775.01
47	2931.96	2950.33	3007.98	3151.42	3240.25	3174.89	3012.76	2619.66	2093.23	1762.49
48	2910.66	2924.60	2987.02	3149.48	3267.94	3172.63	3010.06	2627.71	2081.08	1742.66
49	2888.24	2897.96	2960.62	3145.44	3284.30	3178.22	3019.91	2632.51	2071.36	1729.67
50	2856.82	2867.32	2939.14	3147.94	3302.40	3193.92	3030.71	2646.29	2066.23	1708.61
51	2828.11	2835.86	2919.90	3143.50	3310.72	3218.45	3036.69	2646.89	2052.06	1694.72
52	2794.29	2802.58	2899.73	3140.28	3323.94	3237.34	3046.68	2656.67	2047.17	1674.73

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CANDELA TABULATION - (Cont.)

53	2753.87	2774.77	2881.88	3133.24	3331.65	3266.50	3058.88	2658.83	2034.60	1656.72
54	2721.72	2743.71	2859.97	3127.39	3345.03	3299.52	3085.56	2666.88	2030.64	1643.03
55	2687.33	2706.83	2843.44	3108.13	3367.31	3338.91	3102.06	2678.80	2022.44	1627.32
56	2646.01	2670.71	2825.59	3098.45	3394.98	3377.78	3122.94	2691.54	2010.07	1607.79
57	2601.09	2635.33	2795.83	3086.61	3427.75	3426.52	3149.08	2714.44	2002.80	1589.73
58	2558.29	2599.03	2769.79	3077.97	3455.74	3466.36	3200.10	2732.36	1989.05	1571.72
59	2507.23	2561.62	2737.03	3062.66	3486.77	3512.41	3236.98	2744.52	1983.00	1553.71
60	2449.73	2518.41	2709.15	3049.61	3510.67	3560.48	3266.97	2758.37	1978.49	1535.84
61	2388.31	2471.61	2678.18	3041.69	3549.66	3609.03	3292.09	2776.23	1971.53	1522.36
62	2322.68	2414.54	2638.05	3025.83	3577.01	3659.58	3310.14	2788.07	1951.61	1500.85
63	2250.83	2355.43	2592.77	3014.89	3617.33	3710.03	3325.08	2805.78	1947.21	1474.93
64	2165.92	2280.44	2552.43	3009.76	3661.82	3750.59	3326.30	2805.00	1925.11	1449.83
65	2063.08	2191.18	2502.30	2994.79	3708.56	3787.97	3317.70	2812.70	1899.89	1420.66
66	1942.99	2085.38	2446.80	2991.97	3752.65	3812.85	3294.91	2811.28	1872.66	1383.55
67	1811.55	1969.16	2376.99	2994.49	3791.97	3825.02	3244.37	2789.99	1833.78	1343.12
68	1666.63	1831.77	2305.00	2999.26	3840.59	3828.06	3179.90	2740.69	1792.73	1296.28
69	1515.19	1689.76	2219.31	2995.96	3887.98	3794.58	3072.42	2664.38	1737.01	1242.52
70	1379.87	1552.08	2124.75	2995.93	3927.49	3733.97	2927.05	2551.98	1646.25	1175.85
71	1240.88	1431.59	2032.98	2989.47	3944.77	3650.17	2734.53	2390.55	1555.50	1103.25
72	945.90	1266.45	1971.13	2976.54	3899.94	3543.25	2502.54	2189.16	1463.83	1020.32
73	674.96	939.95	1924.74	2950.14	3782.85	3386.99	2216.54	1906.42	1337.89	929.43
74	404.58	673.94	1789.77	2923.30	3533.96	3180.49	1938.46	1623.67	1206.25	841.94
75	134.19	408.54	1489.39	2926.93	3097.18	2991.69	1797.39	1340.92	1058.41	757.83
76	111.49	143.15	984.89	2921.12	2476.17	2918.54	1796.83	1060.97	896.34	671.23
77	98.80	113.23	704.41	2765.42	1787.45	2767.54	1899.11	910.39	751.19	574.09
78	85.28	98.36	429.12	2291.28	1114.72	1826.89	1713.33	914.51	630.74	477.87
79	74.45	85.31	153.84	1534.93	1406.54	1238.50	1527.56	1006.23	553.46	374.60
80	65.24	74.25	123.26	831.93	1828.14	1073.39	1341.86	1027.98	495.95	292.77
81	56.74	64.07	100.91	592.74	1282.12	962.00	1159.13	914.13	423.52	221.42
82	48.62	54.58	81.30	363.82	1028.67	847.13	1016.59	685.13	321.96	159.13
83	40.74	45.28	63.96	267.92	841.86	727.34	862.81	425.48	158.24	114.38
84	32.94	36.75	49.20	193.61	696.70	607.48	620.04	230.34	71.75	69.02
85	25.25	28.37	37.09	135.50	552.16	489.35	369.69	123.85	44.91	41.28
86	17.82	20.28	26.39	83.51	436.46	338.45	178.76	70.97	26.87	23.50
87	11.07	12.47	16.30	54.93	256.27	217.46	79.97	38.63	11.62	9.26
88	5.11	5.96	8.19	26.68	136.16	55.28	24.13	11.25	9.71	1.96
89	1.13	1.45	2.23	5.51	15.00	5.46	4.12	2.99	7.79	1.17
90	0.33	0.43	0.84	1.82	2.60	2.37	2.70	2.45	5.87	1.19
91	0.09	0.19	0.63	1.38	1.98	2.06	2.67	2.48	3.95	1.30
92	0.03	0.13	0.52	1.17	1.74	1.87	2.65	2.48	2.04	1.40
93	0.03	0.08	0.42	1.04	1.51	1.72	2.70	2.58	2.14	1.54
94	0.00	0.08	0.39	0.91	1.38	1.59	2.70	2.69	2.29	1.77
95	0.00	0.05	0.34	0.83	1.25	1.51	2.75	2.84	2.48	1.87
96	0.00	0.05	0.34	0.78	1.20	1.48	2.86	3.00	2.66	2.00
97	0.00	0.05	0.35	0.73	1.12	1.48	2.94	3.19	2.84	2.21
98	0.00	0.05	0.35	0.73	1.09	1.45	3.07	3.45	3.06	2.26
99	0.00	0.05	0.35	0.70	1.06	1.45	3.17	3.74	3.23	2.39
100	0.00	0.05	0.36	0.70	1.06	1.61	3.33	3.97	3.44	2.54
101	0.00	0.05	0.36	0.73	1.09	1.64	3.52	4.20	3.66	2.62
102	0.00	0.05	0.41	0.75	1.19	1.64	3.73	4.28	3.91	2.75
103	0.08	0.15	0.39	0.78	1.19	1.71	4.01	4.49	4.13	2.86
104	0.30	0.39	0.42	0.81	1.24	2.02	4.27	4.73	4.35	3.02
105	0.44	0.37	0.44	0.83	1.66	2.00	4.57	4.96	4.57	3.22
106	0.42	0.39	0.54	0.86	1.63	2.13	4.82	5.19	4.69	3.43
107	0.42	0.36	0.70	1.12	1.63	2.28	5.03	5.40	4.88	3.63
108	0.44	0.49	0.70	1.17	1.66	2.39	5.19	5.58	5.06	3.87

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CANDELA TABULATION - (Cont.)

109	0.49	0.60	0.73	1.14	1.81	2.49	5.35	5.66	5.19	4.08
110	0.67	0.70	0.80	1.25	2.05	2.75	5.48	5.67	5.27	4.23
111	0.70	0.73	0.86	1.28	2.05	2.80	5.49	5.68	5.40	4.34
112	0.73	0.75	1.04	1.32	2.08	2.86	5.51	5.70	5.40	4.41
113	0.80	0.83	1.17	1.35	2.15	2.96	5.52	5.71	5.35	4.39
114	0.88	0.91	1.22	1.38	2.33	3.17	5.54	5.72	5.31	4.41
115	0.99	1.17	1.25	1.42	2.36	3.17	5.55	5.73	5.26	4.38
116	1.19	1.22	1.27	1.45	2.36	3.22	5.47	5.74	5.22	4.26
117	1.22	1.23	1.30	1.49	2.41	3.30	5.45	5.68	5.17	4.23
118	1.22	1.24	1.32	1.52	2.41	3.30	5.45	5.53	5.13	4.18
119	1.22	1.24	1.35	1.56	2.44	3.30	5.42	5.42	5.08	4.07
120	1.23	1.25	1.39	1.59	2.44	3.30	5.44	5.37	4.93	4.07
121	1.23	1.25	1.44	1.63	2.44	3.30	5.08	5.31	4.85	4.06
122	1.23	1.26	1.48	1.64	2.45	3.31	4.95	5.03	4.59	4.05
123	1.23	1.27	1.53	1.65	2.45	3.31	4.87	4.88	4.54	4.04
124	1.24	1.27	1.57	1.67	2.45	3.31	4.84	4.90	4.51	4.03
125	1.24	1.28	1.59	1.68	2.46	3.31	4.69	4.75	4.32	4.03
126	1.24	1.29	1.61	1.69	2.46	3.31	4.61	4.64	4.17	4.02
127	1.24	1.29	1.64	1.74	2.46	3.32	4.55	4.62	4.17	4.01
128	1.25	1.30	1.66	1.84	2.47	3.32	4.50	4.57	4.17	4.00
129	1.30	1.61	1.68	2.00	2.47	3.32	4.44	4.57	4.17	3.99
130	1.60	1.62	1.69	2.03	2.47	3.32	4.39	4.54	4.17	3.99
131	1.61	1.63	1.69	2.03	2.47	3.32	4.33	4.56	4.17	3.99
132	1.62	1.64	1.70	2.04	2.48	3.33	4.27	4.51	4.17	4.00
133	1.63	1.65	1.71	2.04	2.48	3.27	4.22	4.45	4.17	4.01
134	1.64	1.65	1.72	2.04	2.48	3.17	4.21	4.40	4.17	4.02
135	1.65	1.66	1.73	2.05	2.49	3.16	4.20	4.34	4.17	4.02
136	1.66	1.67	1.73	2.05	2.49	3.16	4.19	4.29	4.17	4.05
137	1.67	1.68	1.74	2.06	2.49	3.15	4.19	4.23	4.17	4.07
138	1.68	1.69	1.75	2.06	2.50	3.14	4.18	4.18	4.18	4.05
139	1.69	1.69	1.76	2.06	2.50	3.13	4.17	4.12	4.18	4.07
140	1.70	1.70	1.76	2.07	2.50	3.14	4.16	4.17	4.18	4.13
141	1.71	1.71	1.95	2.07	2.50	3.15	4.16	4.23	4.19	4.13
142	1.74	1.72	1.96	2.08	2.51	3.15	4.15	4.28	4.19	4.18
143	1.95	1.79	1.98	2.08	2.51	3.15	4.14	4.31	4.20	4.21
144	2.02	1.84	2.00	2.13	2.51	3.15	4.13	4.38	4.22	4.26
145	2.08	1.88	2.01	2.18	2.52	3.15	4.13	4.41	4.25	4.31
146	2.10	1.92	2.03	2.21	2.57	3.15	4.12	4.46	4.30	4.31
147	2.12	1.96	2.04	2.29	2.65	3.15	4.11	4.43	4.33	4.36
148	2.14	2.00	2.06	2.31	2.83	3.15	4.14	4.45	4.35	4.36
149	2.16	2.04	2.08	2.33	2.84	3.15	4.14	4.46	4.38	4.41
150	2.18	2.08	2.10	2.34	2.84	3.15	4.19	4.47	4.43	4.46
151	2.18	2.16	2.21	2.36	2.85	3.15	4.19	4.48	4.41	4.52
152	2.31	2.24	2.29	2.38	2.86	3.15	4.22	4.49	4.41	4.54
153	2.35	2.36	2.36	2.39	2.87	3.15	4.27	4.49	4.43	4.54
154	2.39	2.39	2.42	2.42	2.87	3.14	4.29	4.50	4.43	4.59
155	2.43	2.42	2.39	2.39	2.88	3.15	4.31	4.51	4.46	4.61
156	2.47	2.40	2.41	2.42	2.86	3.15	4.34	4.51	4.46	4.63
157	2.52	2.39	2.42	2.42	2.85	3.16	4.36	4.52	4.51	4.65
158	2.62	2.47	2.49	2.47	2.91	3.16	4.38	4.53	4.51	4.66
159	2.87	2.52	2.54	2.52	2.93	3.17	4.40	4.54	4.56	4.68
160	2.92	2.73	2.75	2.75	2.95	3.18	4.41	4.55	4.56	4.70
161	2.97	2.86	2.85	2.86	2.97	3.18	4.42	4.56	4.67	4.70
162	3.02	2.86	2.83	2.91	2.99	3.19	4.44	4.57	4.69	4.75
163	3.06	2.89	2.83	2.96	3.01	3.19	4.45	4.58	4.69	4.72
164	3.11	2.99	2.91	3.02	3.03	3.20	4.46	4.59	4.72	4.73

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165	3.17	3.15	3.09	3.07	3.17	3.27	4.47	4.60	4.77	4.74
166	3.27	3.25	3.17	3.12	3.22	3.35	4.48	4.61	4.82	4.75
167	3.30	3.28	3.19	3.17	3.27	3.40	4.49	4.62	4.82	4.76
168	3.40	3.38	3.32	3.22	3.42	3.50	4.50	4.60	4.88	4.77
169	3.68	3.64	3.58	3.38	3.63	3.60	4.51	4.58	4.88	4.78
170	3.69	3.72	3.66	3.59	3.63	3.70	4.53	4.56	4.88	4.78
171	3.71	3.72	3.66	3.69	3.71	3.80	4.54	4.55	4.89	4.80
172	3.71	3.77	3.74	3.72	3.76	3.90	4.55	4.50	4.89	4.83
173	3.86	3.83	3.79	3.69	3.84	4.03	4.56	4.45	4.90	4.85
174	4.00	4.06	4.04	3.97	4.05	4.10	4.57	4.40	4.90	4.83
175	4.10	4.14	4.13	4.05	4.18	4.26	4.58	4.35	4.87	4.88
176	4.08	4.19	4.21	4.11	4.15	4.31	4.32	4.30	4.85	4.85
177	4.13	4.19	4.23	4.11	4.15	4.31	4.30	4.30	4.87	4.83
178	4.13	4.27	4.23	4.16	4.20	4.31	4.30	4.30	4.85	4.62
179	4.13	4.24	4.23	4.13	4.18	4.34	4.30	4.33	4.59	4.52
180	4.14	4.14	4.14	4.14	4.14	4.14	4.14	4.14	4.14	4.14

Vert. Angles	Horizontal Angles									
	<u>150</u>	<u>165</u>	<u>180</u>	<u>195</u>	<u>210</u>	<u>225</u>	<u>240</u>	<u>255</u>	<u>270</u>	<u>285</u>
0	2509.58	2509.58	2509.58	2509.58	2509.58	2509.58	2509.58	2509.58	2509.58	2509.58
1	2485.01	2479.03	2481.59	2485.20	2482.03	2482.32	2497.30	2507.62	2512.79	2521.90
2	2453.75	2448.93	2452.43	2453.14	2457.98	2462.42	2478.83	2495.56	2513.66	2533.03
3	2428.70	2421.25	2422.72	2426.71	2436.87	2446.17	2464.91	2493.78	2516.26	2540.58
4	2398.54	2389.15	2390.09	2394.35	2404.45	2429.95	2450.29	2486.92	2518.82	2552.19
5	2373.02	2354.84	2359.16	2367.70	2384.96	2408.23	2438.55	2484.84	2522.03	2560.49
6	2346.38	2327.01	2327.76	2341.32	2359.23	2385.87	2421.29	2480.64	2521.50	2569.24
7	2314.36	2295.92	2296.68	2307.20	2329.46	2360.17	2414.87	2474.59	2522.07	2577.93
8	2294.01	2269.09	2268.12	2280.78	2303.06	2346.00	2402.76	2471.02	2521.79	2584.94
9	2266.62	2239.53	2234.25	2250.36	2282.17	2328.05	2403.81	2464.55	2521.21	2593.93
10	2240.79	2213.36	2212.28	2230.51	2259.51	2314.81	2382.89	2460.11	2522.33	2603.27
11	2212.62	2185.72	2189.90	2203.16	2233.62	2296.89	2370.33	2465.22	2525.78	2615.70
12	2193.90	2160.10	2162.51	2175.00	2213.09	2277.47	2361.76	2457.64	2528.13	2628.75
13	2169.98	2137.56	2135.46	2154.84	2193.87	2263.42	2345.51	2451.62	2530.40	2638.94
14	2151.15	2112.62	2111.90	2127.56	2172.82	2251.23	2348.86	2463.85	2539.06	2656.32
15	2130.37	2091.46	2088.47	2104.96	2153.70	2235.72	2343.16	2458.78	2546.51	2670.15
16	2107.49	2069.62	2062.89	2080.57	2139.37	2227.11	2343.96	2472.35	2554.03	2689.20
17	2088.25	2049.07	2037.98	2058.83	2121.89	2209.37	2334.76	2472.91	2562.81	2707.19
18	2071.55	2024.95	2016.11	2041.83	2098.94	2198.11	2325.76	2475.29	2576.44	2725.58
19	2052.00	2002.19	1993.91	2019.50	2080.99	2187.59	2329.93	2480.71	2591.05	2747.03
20	2031.56	1981.48	1973.36	2001.85	2068.70	2176.11	2324.85	2482.40	2606.93	2767.84
21	2012.98	1960.45	1950.27	1982.41	2053.05	2166.29	2329.95	2488.82	2623.81	2792.55
22	1994.90	1943.06	1930.80	1964.54	2037.68	2159.68	2329.62	2497.64	2639.67	2819.11
23	1977.67	1919.18	1914.30	1945.04	2015.47	2147.04	2323.24	2509.78	2655.76	2841.66
24	1960.82	1902.89	1891.43	1926.67	1998.70	2134.28	2317.35	2518.55	2677.12	2866.82
25	1942.09	1883.16	1872.68	1904.58	1981.83	2124.27	2318.48	2530.55	2698.18	2889.08
26	1922.84	1860.31	1849.76	1886.31	1961.69	2118.01	2315.12	2543.88	2719.35	2909.14
27	1904.85	1836.14	1831.19	1863.57	1948.29	2108.96	2317.63	2552.46	2742.19	2929.32
28	1888.89	1822.03	1808.60	1847.61	1933.67	2095.14	2311.93	2566.68	2767.55	2947.54
29	1868.93	1799.14	1782.00	1827.00	1915.54	2085.16	2314.20	2571.16	2790.65	2965.78
30	1850.74	1777.84	1762.99	1803.94	1898.21	2076.53	2313.92	2589.93	2815.41	2982.47
31	1831.42	1754.23	1740.33	1783.72	1879.91	2063.18	2317.10	2599.71	2840.38	2998.39
32	1814.43	1729.95	1716.64	1764.49	1869.73	2049.45	2318.20	2613.98	2860.63	3011.61
33	1793.15	1709.69	1693.98	1743.64	1847.76	2036.82	2317.63	2627.00	2881.50	3032.53
34	1775.18	1688.00	1669.21	1721.66	1834.25	2031.07	2315.33	2640.99	2913.39	3053.56
35	1758.57	1663.19	1644.00	1701.04	1819.01	2021.60	2314.60	2643.07	2938.42	3072.79

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36	1753.69	1648.72	1626.43	1683.23	1802.72	2007.07	2302.45	2664.22	2961.55	3093.77
37	1748.38	1638.60	1601.73	1667.85	1788.64	1997.00	2300.93	2672.77	2983.74	3112.67
38	1733.41	1612.50	1583.92	1646.69	1777.77	1989.43	2295.30	2697.22	3003.04	3134.92
39	1701.83	1588.98	1556.89	1624.71	1761.33	1985.36	2295.85	2708.86	3022.06	3154.84
40	1680.79	1561.18	1529.86	1602.79	1741.84	1972.15	2289.97	2719.42	3041.74	3174.06
41	1652.27	1533.39	1502.81	1578.68	1725.93	1957.93	2296.45	2739.02	3058.29	3192.54
42	1632.15	1505.62	1474.86	1554.58	1705.34	1949.28	2296.64	2755.23	3077.02	3214.88
43	1611.15	1481.42	1449.97	1530.39	1691.82	1938.34	2292.28	2783.13	3097.27	3233.11
44	1596.94	1454.20	1421.93	1503.24	1679.90	1927.20	2296.05	2792.46	3110.76	3253.97
45	1576.70	1429.43	1397.07	1481.29	1662.55	1916.57	2290.34	2801.20	3125.23	3271.85
46	1556.46	1406.58	1373.10	1457.61	1647.37	1906.94	2287.19	2811.59	3137.56	3283.18
47	1536.15	1381.59	1345.96	1432.82	1627.05	1894.73	2276.64	2821.69	3150.29	3295.98
48	1511.57	1355.71	1323.56	1407.58	1605.85	1877.34	2274.74	2827.20	3158.94	3313.14
49	1487.76	1330.61	1297.39	1381.08	1583.12	1861.24	2267.79	2832.24	3162.55	3324.74
50	1458.84	1307.29	1272.29	1358.10	1561.87	1843.45	2266.79	2824.42	3175.17	3338.34
51	1434.11	1287.57	1250.80	1333.04	1540.62	1828.98	2259.67	2841.11	3179.01	3359.51
52	1409.07	1269.25	1232.34	1311.90	1519.36	1808.58	2244.04	2850.60	3186.32	3379.57
53	1388.47	1247.08	1213.28	1289.04	1496.37	1792.89	2244.80	2856.29	3196.20	3398.68
54	1368.75	1227.32	1192.00	1269.93	1475.74	1778.13	2241.32	2874.74	3218.81	3421.73
55	1349.67	1204.98	1168.18	1247.70	1455.48	1760.15	2231.91	2884.00	3240.92	3445.52
56	1331.48	1181.94	1144.92	1225.23	1439.14	1741.69	2228.07	2908.71	3258.95	3480.56
57	1315.35	1161.83	1124.02	1201.27	1418.74	1718.35	2221.10	2929.83	3274.38	3521.78
58	1298.29	1140.65	1105.47	1179.45	1396.55	1699.48	2220.62	2945.07	3304.22	3564.45
59	1276.87	1123.22	1083.42	1159.21	1380.64	1680.09	2213.30	2968.72	3336.11	3603.71
60	1255.00	1104.19	1059.60	1139.45	1356.35	1663.11	2202.48	2977.34	3364.59	3645.17
61	1233.69	1081.94	1040.41	1119.00	1331.05	1650.22	2201.48	2980.29	3391.39	3688.02
62	1217.06	1062.01	1019.14	1097.17	1305.10	1622.83	2187.51	2996.22	3406.84	3731.42
63	1195.27	1041.92	998.70	1075.43	1279.53	1602.27	2175.80	2996.47	3411.71	3778.35
64	1170.91	1018.80	976.75	1049.24	1247.43	1568.27	2149.58	2994.40	3406.09	3815.00
65	1144.88	993.87	952.87	1024.34	1219.35	1534.27	2121.87	2971.72	3385.29	3853.86
66	1112.09	968.14	928.23	995.25	1183.89	1500.19	2089.96	2958.45	3347.79	3877.49
67	1074.04	937.08	900.83	959.11	1144.89	1458.13	2038.75	2909.01	3286.30	3896.25
68	1032.34	899.77	862.13	919.30	1098.18	1408.34	1980.85	2847.03	3200.03	3902.58
69	980.14	852.87	815.10	873.48	1046.58	1351.65	1910.57	2737.71	3093.44	3888.95
70	921.93	796.31	756.47	818.51	988.63	1283.81	1830.60	2610.42	2955.66	3842.32
71	856.59	729.96	688.04	756.48	927.16	1205.89	1724.39	2434.21	2783.09	3770.49
72	785.58	656.10	612.35	684.15	859.73	1121.09	1585.34	2238.08	2587.03	3658.71
73	708.37	577.85	530.24	604.87	786.99	1031.59	1446.30	1995.62	2357.26	3514.41
74	627.86	480.85	396.26	526.06	710.02	940.12	1307.21	1729.97	2141.57	3313.94
75	549.59	356.47	273.65	430.70	630.43	845.30	1142.79	1464.33	2024.49	3069.03
76	471.86	265.23	231.65	326.64	556.75	750.19	971.30	1201.98	2045.53	2824.11
77	398.54	212.80	150.75	255.96	476.95	651.46	814.34	1092.05	2117.39	2588.71
78	323.05	125.02	81.50	213.68	388.01	558.83	709.19	1135.89	1879.25	2153.99
79	260.95	73.55	64.92	139.86	303.31	463.41	652.53	1237.33	1484.99	1538.21
80	203.75	58.02	51.63	76.26	235.77	368.11	633.46	1264.01	1227.56	1270.76
81	159.19	45.12	42.47	59.57	185.88	287.04	567.61	1098.90	1123.24	1105.15
82	122.84	36.44	34.68	44.90	156.16	195.12	453.47	841.56	1031.18	964.92
83	75.91	28.80	26.85	34.47	126.40	136.29	291.64	598.11	900.89	834.13
84	44.53	22.24	20.00	26.58	75.42	74.50	133.18	375.58	696.03	717.67
85	26.58	15.66	13.76	19.23	43.97	47.44	68.88	188.66	489.61	601.39
86	13.52	9.45	8.24	11.60	23.40	31.97	48.40	105.96	283.18	480.23
87	4.74	3.44	3.03	4.93	9.18	15.37	30.16	66.02	133.71	336.80
88	3.89	2.79	0.28	0.71	2.11	5.66	11.23	39.77	51.17	196.21
89	3.04	2.14	0.25	0.23	0.62	1.64	3.29	11.40	9.65	47.07
90	2.19	1.48	0.22	0.21	0.62	1.48	2.08	2.86	2.96	4.18
91	1.34	0.83	0.19	0.21	0.65	1.59	2.08	2.57	2.10	2.33

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92	0.49	0.18	0.16	0.23	0.70	1.74	2.16	2.60	1.97	2.07
93	0.52	0.21	0.13	0.26	0.81	1.88	2.23	2.65	1.91	1.88
94	0.60	0.21	0.13	0.31	0.96	2.01	2.39	2.75	1.86	1.80
95	0.73	0.29	0.21	0.37	1.15	2.16	2.65	2.83	1.89	1.75
96	0.89	0.36	0.26	0.52	1.33	2.29	2.88	2.96	1.86	1.79
97	1.07	0.49	0.39	0.63	1.51	2.45	3.09	3.07	1.86	1.83
98	1.25	0.60	0.55	0.76	1.72	2.60	3.32	3.27	1.89	1.88
99	1.46	0.75	0.65	0.91	1.82	2.78	3.53	3.48	1.99	1.92
100	1.77	0.94	0.78	1.07	2.03	2.99	3.76	3.69	2.09	1.96
101	1.82	1.12	0.94	1.22	2.24	3.10	3.95	3.87	2.10	2.00
102	1.95	1.30	1.06	1.44	2.47	3.25	4.11	4.03	2.40	2.04
103	2.08	1.51	1.28	1.72	2.62	3.41	4.29	4.16	2.85	2.09
104	2.19	1.74	1.48	2.01	2.78	3.61	4.52	4.31	3.01	2.34
105	2.32	1.85	1.71	2.32	2.99	3.91	4.72	4.44	3.24	2.37
106	2.47	2.00	1.85	2.55	3.17	4.16	4.80	4.57	3.56	2.50
107	2.60	2.16	2.13	2.71	3.35	4.45	4.93	4.73	3.74	2.76
108	2.73	2.34	2.39	2.86	3.56	4.71	5.06	4.94	3.85	2.82
109	2.89	2.60	2.62	3.00	3.69	4.97	5.25	5.12	4.01	2.97
110	3.07	2.86	2.81	3.15	3.82	5.04	5.40	5.16	4.14	3.15
111	3.20	3.06	2.99	3.31	3.95	5.04	5.53	5.21	4.27	3.23
112	3.33	3.22	3.19	3.55	4.10	5.07	5.56	5.25	4.58	3.36
113	3.46	3.41	3.40	3.72	4.15	5.04	5.59	5.29	4.56	3.47
114	3.62	3.56	3.58	3.91	4.29	4.99	5.62	5.33	4.56	3.70
115	3.82	3.74	3.74	4.04	4.32	4.94	5.65	5.38	4.56	3.70
116	3.84	3.87	3.77	4.17	4.34	4.86	5.68	5.35	4.55	3.70
117	3.86	3.87	3.80	4.19	4.37	4.89	5.60	5.35	4.55	3.70
118	3.87	3.87	3.83	4.29	4.40	4.86	5.50	5.17	4.55	3.70
119	3.89	3.87	3.85	4.27	4.43	4.89	5.40	4.99	4.54	3.70
120	3.91	3.87	3.88	4.27	4.46	4.81	5.29	4.91	4.54	3.70
121	3.92	3.88	3.91	4.30	4.49	4.58	5.29	4.90	4.54	3.69
122	3.94	3.88	3.94	4.32	4.52	4.57	5.01	4.70	4.53	3.69
123	3.95	3.88	3.97	4.40	4.54	4.56	4.85	4.65	4.48	3.69
124	3.93	3.88	4.00	4.45	4.55	4.55	4.82	4.60	4.45	3.67
125	3.95	3.88	4.01	4.53	4.55	4.54	4.75	4.55	4.43	3.66
126	3.96	3.88	4.02	4.56	4.56	4.53	4.59	4.49	4.40	3.65
127	3.98	3.88	4.03	4.58	4.56	4.52	4.56	4.44	4.35	3.63
128	3.99	3.89	4.04	4.57	4.56	4.51	4.53	4.39	4.32	3.61
129	4.01	3.89	4.05	4.55	4.57	4.50	4.50	4.34	4.32	3.59
130	4.02	3.89	4.06	4.53	4.57	4.49	4.46	4.28	4.24	3.57
131	4.04	3.89	4.06	4.52	4.57	4.48	4.43	4.15	4.19	3.54
132	4.05	3.89	4.07	4.50	4.58	4.47	4.41	4.08	4.14	3.52
133	4.07	3.89	4.05	4.50	4.58	4.47	4.38	4.00	4.06	3.44
134	4.08	3.89	4.02	4.49	4.59	4.46	4.36	3.95	3.98	3.42
135	4.10	3.90	4.05	4.49	4.59	4.46	4.33	3.95	3.88	3.37
136	4.11	3.95	4.07	4.48	4.59	4.45	4.31	3.95	3.90	3.36
137	4.14	4.08	4.09	4.48	4.60	4.45	4.28	3.96	3.85	3.35
138	4.16	4.10	4.11	4.45	4.60	4.50	4.26	3.96	3.85	3.34
139	4.16	4.15	4.13	4.50	4.65	4.50	4.26	3.96	3.80	3.33
140	4.19	4.18	4.15	4.53	4.70	4.50	4.31	3.96	3.80	3.33
141	4.27	4.21	4.23	4.61	4.70	4.50	4.34	3.97	3.77	3.32
142	4.32	4.23	4.28	4.66	4.75	4.51	4.39	3.97	3.77	3.31
143	4.40	4.28	4.28	4.69	4.78	4.51	4.41	3.97	3.75	3.30
144	4.48	4.31	4.31	4.71	4.78	4.51	4.44	3.98	3.72	3.29
145	4.53	4.36	4.39	4.74	4.78	4.51	4.41	3.98	3.71	3.28
146	4.61	4.39	4.41	4.74	4.78	4.52	4.46	3.99	3.70	3.28
147	4.63	4.44	4.44	4.75	4.78	4.52	4.49	3.99	3.70	3.27

IES ROAD REPORT
PHOTOMETRIC FILENAME : AFL LW F UV 840.IES

CANDELA TABULATION - (Cont.)

148	4.66	4.47	4.47	4.77	4.78	4.52	4.54	4.00	3.69	3.26
149	4.68	4.52	4.52	4.78	4.78	4.53	4.54	4.00	3.68	3.25
150	4.69	4.57	4.52	4.79	4.78	4.53	4.54	4.05	3.67	3.24
151	4.70	4.57	4.52	4.80	4.78	4.53	4.54	4.05	3.66	3.24
152	4.70	4.62	4.52	4.79	4.78	4.53	4.54	4.08	3.66	3.18
153	4.71	4.60	4.53	4.78	4.78	4.54	4.54	4.10	3.65	3.16
154	4.72	4.60	4.53	4.76	4.78	4.54	4.54	4.11	3.64	3.03
155	4.72	4.65	4.53	4.76	4.78	4.54	4.53	4.18	3.63	2.95
156	4.73	4.67	4.53	4.76	4.78	4.54	4.53	4.24	3.62	2.96
157	4.73	4.65	4.53	4.76	4.78	4.55	4.53	4.29	3.62	2.96
158	4.74	4.67	4.54	4.76	4.78	4.55	4.53	4.39	3.59	2.97
159	4.76	4.67	4.54	4.76	4.78	4.55	4.53	4.44	3.61	2.97
160	4.76	4.70	4.54	4.76	4.78	4.55	4.53	4.52	3.66	2.98
161	4.74	4.73	4.54	4.76	4.78	4.56	4.53	4.55	3.70	2.99
162	4.74	4.73	4.54	4.76	4.78	4.56	4.53	4.54	3.75	2.99
163	4.75	4.73	4.55	4.76	4.78	4.56	4.53	4.54	3.79	3.00
164	4.76	4.74	4.55	4.76	4.78	4.56	4.53	4.54	3.83	3.18
165	4.76	4.74	4.55	4.76	4.78	4.57	4.52	4.53	3.88	3.28
166	4.77	4.75	4.55	4.76	4.78	4.57	4.52	4.53	4.03	3.59
167	4.78	4.75	4.55	4.73	4.78	4.57	4.52	4.52	4.03	3.63
168	4.79	4.76	4.56	4.70	4.75	4.57	4.52	4.52	4.16	3.75
169	4.79	4.76	4.56	4.67	4.72	4.57	4.52	4.52	4.34	3.94
170	4.80	4.76	4.56	4.63	4.70	4.57	4.52	4.51	4.58	4.04
171	4.81	4.77	4.56	4.60	4.67	4.57	4.52	4.51	4.64	4.20
172	4.81	4.74	4.56	4.57	4.65	4.57	4.52	4.51	4.70	4.48
173	4.81	4.72	4.57	4.56	4.62	4.57	4.52	4.50	4.76	4.51
174	4.84	4.70	4.57	4.55	4.59	4.57	4.53	4.50	4.81	4.61
175	4.92	4.67	4.54	4.54	4.57	4.57	4.53	4.50	4.87	4.82
176	4.86	4.65	4.49	4.53	4.54	4.50	4.54	4.49	4.87	4.88
177	4.81	4.59	4.46	4.52	4.49	4.45	4.54	4.49	4.77	4.93
178	4.68	4.52	4.43	4.22	4.47	4.44	4.33	4.31	4.64	4.93
179	4.55	4.44	4.20	4.14	4.26	4.24	4.15	4.18	4.51	4.88
180	4.14	4.14	4.14	4.14	4.14	4.14	4.14	4.14	4.14	4.14

**Vert.
Angles**

Horizontal Angles

	300	315	330	345	360
0	2509.58	2509.58	2509.58	2509.58	2509.58
1	2528.03	2531.75	2536.89	2536.80	2536.48
2	2546.06	2553.21	2559.35	2567.64	2567.70
3	2559.58	2576.96	2588.31	2595.14	2596.65
4	2577.90	2598.35	2617.64	2629.32	2624.21
5	2593.55	2619.46	2643.41	2656.85	2658.24
6	2607.51	2641.43	2669.96	2687.62	2692.45
7	2621.08	2664.11	2696.74	2718.67	2717.26
8	2636.89	2687.85	2721.22	2745.38	2749.38
9	2655.21	2711.69	2748.42	2775.67	2783.00
10	2671.53	2735.65	2776.57	2804.50	2810.48
11	2691.36	2758.47	2803.51	2836.43	2839.64
12	2709.10	2780.06	2830.51	2863.06	2870.66
13	2727.91	2803.91	2857.95	2890.70	2898.60
14	2747.73	2830.15	2884.37	2916.76	2925.56
15	2772.77	2856.51	2912.68	2945.50	2953.84
16	2794.84	2882.45	2939.02	2971.30	2976.65
17	2820.32	2909.56	2964.53	2997.46	3004.68
18	2842.88	2933.42	2991.59	3024.11	3030.17

IES ROAD REPORT
PHOTOMETRIC FILENAME : AFL LW F UV 840.IES

CANDELA TABULATION - (Cont.)

19	2869.39	2955.13	3014.37	3047.38	3058.44
20	2893.36	2979.35	3037.72	3071.84	3081.03
21	2916.80	3000.75	3058.60	3092.65	3101.88
22	2940.02	3021.50	3080.35	3112.37	3118.78
23	2962.96	3040.57	3098.23	3129.59	3140.09
24	2982.27	3060.54	3117.14	3145.66	3155.62
25	3004.70	3079.87	3138.22	3162.38	3165.61
26	3024.65	3096.40	3153.18	3175.78	3175.72
27	3042.18	3115.15	3165.40	3186.56	3187.70
28	3059.17	3131.47	3173.94	3197.78	3194.03
29	3076.01	3145.11	3182.36	3201.77	3199.79
30	3089.80	3156.47	3190.82	3206.98	3201.54
31	3105.04	3168.63	3195.58	3206.17	3202.15
32	3121.83	3177.84	3198.44	3204.46	3205.28
33	3135.57	3184.27	3204.93	3202.73	3203.36
34	3151.33	3193.83	3201.34	3196.56	3201.04
35	3164.29	3200.56	3200.20	3193.87	3190.44
36	3180.26	3205.65	3197.33	3183.51	3180.00
37	3195.15	3208.02	3192.31	3172.32	3169.32
38	3213.16	3214.32	3185.67	3159.31	3151.76
39	3226.46	3217.16	3176.43	3145.78	3141.04
40	3235.37	3219.77	3166.29	3126.43	3122.30
41	3248.73	3220.07	3155.79	3106.79	3095.90
42	3262.26	3217.57	3140.10	3080.85	3066.53
43	3269.95	3210.40	3118.71	3051.79	3043.92
44	3279.85	3195.97	3093.50	3024.75	3013.78
45	3284.08	3183.90	3068.79	2994.44	2978.32
46	3291.54	3172.90	3049.88	2968.32	2954.40
47	3295.40	3159.98	3027.82	2943.55	2931.96
48	3307.84	3150.87	3006.90	2917.72	2910.66
49	3320.60	3143.54	2984.92	2891.85	2888.24
50	3336.25	3140.24	2960.91	2863.68	2856.82
51	3347.05	3135.31	2936.61	2833.35	2828.11
52	3362.64	3124.43	2914.04	2805.56	2794.29
53	3379.91	3112.23	2886.73	2773.43	2753.87
54	3397.37	3099.52	2862.09	2740.40	2721.72
55	3414.78	3090.28	2836.69	2705.25	2687.33
56	3431.25	3077.74	2812.59	2674.16	2646.01
57	3442.95	3065.09	2788.29	2638.01	2601.09
58	3461.13	3048.61	2764.57	2598.83	2558.29
59	3482.98	3031.10	2735.94	2560.04	2507.23
60	3507.92	3014.70	2705.04	2513.20	2449.73
61	3531.41	3001.71	2669.55	2469.75	2388.31
62	3560.18	2986.84	2626.44	2410.61	2322.68
63	3587.23	2974.54	2582.20	2348.47	2250.83
64	3614.24	2964.88	2533.91	2269.27	2165.92
65	3643.24	2953.70	2479.74	2174.37	2063.08
66	3677.58	2936.44	2411.64	2061.89	1942.99
67	3711.73	2922.49	2330.55	1937.58	1811.55
68	3737.11	2908.36	2234.67	1802.17	1666.63
69	3757.21	2891.07	2122.05	1654.24	1515.19
70	3777.63	2865.56	2002.83	1519.96	1379.87
71	3774.64	2838.37	1896.65	1407.96	1240.88
72	3719.81	2806.89	1816.26	1230.99	945.90
73	3593.25	2770.98	1725.92	841.22	674.96
74	3377.30	2744.10	1556.24	508.46	404.58

IES ROAD REPORT
PHOTOMETRIC FILENAME : AFL LW F UV 840.IES

CANDELA TABULATION - (Cont.)

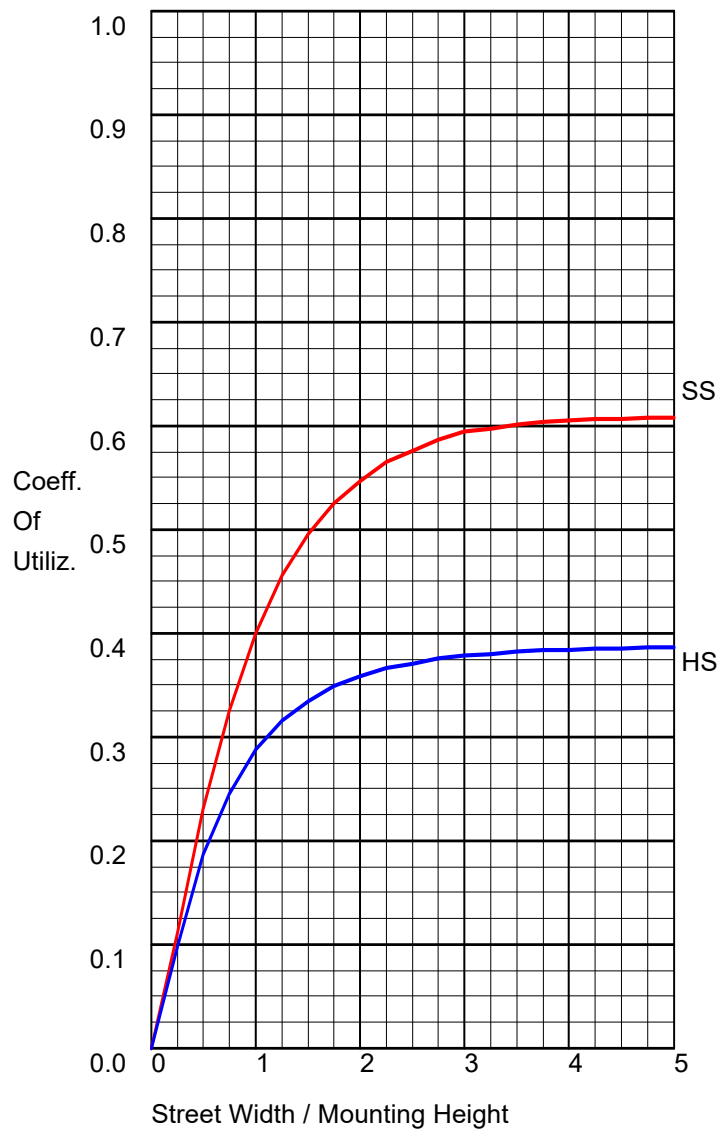
75	3027.81	2743.13	1200.46	177.60	134.19
76	2566.77	2742.56	729.75	130.68	111.49
77	2000.58	2602.69	456.86	112.18	98.80
78	1412.84	2192.92	189.73	98.26	85.28
79	1271.72	1421.21	152.29	85.82	74.45
80	1914.88	699.76	127.18	75.07	65.24
81	1757.86	481.71	105.24	65.31	56.74
82	1185.82	270.50	88.22	56.08	48.62
83	925.44	193.83	72.80	47.03	40.74
84	757.20	143.11	56.94	38.54	32.94
85	591.42	104.14	42.53	30.23	25.25
86	425.64	71.83	30.12	22.24	17.82
87	302.17	47.51	19.57	14.52	11.07
88	182.70	26.68	10.64	7.05	5.11
89	70.70	9.65	3.53	1.80	1.13
90	4.38	2.11	1.05	0.55	0.33
91	2.07	1.25	0.56	0.16	0.09
92	1.75	1.04	0.42	0.13	0.03
93	1.54	0.91	0.36	0.08	0.03
94	1.39	0.81	0.31	0.08	0.00
95	1.31	0.73	0.29	0.05	0.00
96	1.31	0.70	0.26	0.05	0.00
97	1.32	0.71	0.23	0.05	0.00
98	1.33	0.72	0.23	0.05	0.00
99	1.34	0.73	0.26	0.05	0.00
100	1.35	0.74	0.31	0.05	0.00
101	1.36	0.75	0.39	0.08	0.00
102	1.37	0.76	0.44	0.08	0.00
103	1.38	0.77	0.42	0.36	0.08
104	1.67	0.78	0.44	0.40	0.30
105	1.64	0.88	0.49	0.43	0.44
106	1.64	1.17	0.70	0.47	0.42
107	1.80	1.22	0.70	0.51	0.42
108	2.03	1.22	0.75	0.55	0.44
109	2.03	1.55	0.86	0.68	0.49
110	2.21	1.66	0.99	0.70	0.67
111	2.37	1.64	1.05	0.70	0.70
112	2.42	1.66	1.11	0.78	0.73
113	2.48	1.69	1.17	0.83	0.80
114	2.61	1.69	1.23	0.93	0.88
115	2.86	1.71	1.29	1.14	0.99
116	2.86	1.73	1.36	1.19	1.19
117	2.86	1.76	1.42	1.19	1.22
118	2.86	1.78	1.48	1.19	1.22
119	2.87	1.81	1.59	1.19	1.22
120	2.87	1.83	1.64	1.18	1.23
121	2.87	1.85	1.66	1.18	1.23
122	2.87	1.88	1.66	1.18	1.23
123	2.85	1.90	1.67	1.17	1.23
124	2.83	1.92	1.67	1.17	1.24
125	2.82	1.95	1.68	1.17	1.24
126	2.80	1.97	1.68	1.24	1.24
127	2.78	2.00	1.68	1.27	1.24
128	2.76	2.02	1.69	1.42	1.25
129	2.69	2.03	1.69	1.66	1.30
130	2.63	2.04	1.69	1.66	1.60

IES ROAD REPORT
PHOTOMETRIC FILENAME : AFL LW F UV 840.IES

CANDELA TABULATION - (Cont.)

131	2.61	2.05	1.70	1.66	1.61
132	2.53	2.06	1.70	1.66	1.62
133	2.48	2.07	1.71	1.66	1.63
134	2.47	2.08	1.71	1.66	1.64
135	2.47	2.09	1.71	1.66	1.65
136	2.47	2.10	1.72	1.66	1.66
137	2.46	2.10	1.74	1.66	1.67
138	2.46	2.11	1.87	1.66	1.68
139	2.46	2.12	2.05	1.66	1.69
140	2.47	2.13	2.08	1.69	1.70
141	2.47	2.14	2.06	1.71	1.71
142	2.48	2.15	2.06	1.79	1.74
143	2.48	2.18	2.08	1.84	1.95
144	2.49	2.23	2.08	1.90	2.02
145	2.49	2.36	2.11	1.95	2.08
146	2.49	2.39	2.18	2.00	2.10
147	2.50	2.39	2.29	2.05	2.12
148	2.50	2.41	2.39	2.13	2.14
149	2.55	2.44	2.40	2.23	2.16
150	2.58	2.44	2.41	2.28	2.18
151	2.66	2.51	2.42	2.34	2.18
152	2.79	2.54	2.44	2.36	2.31
153	2.82	2.65	2.47	2.34	2.35
154	2.85	2.70	2.49	2.39	2.39
155	2.89	2.80	2.51	2.41	2.43
156	2.93	2.90	2.53	2.52	2.47
157	2.97	2.88	2.55	2.52	2.52
158	3.00	2.88	2.73	2.77	2.62
159	3.04	2.91	2.86	2.86	2.87
160	3.08	2.96	2.84	2.86	2.92
161	3.12	3.06	2.86	2.88	2.97
162	3.15	3.14	2.89	2.88	3.02
163	3.18	3.17	2.94	2.96	3.06
164	3.28	3.29	3.09	3.14	3.11
165	3.44	3.50	3.22	3.14	3.17
166	3.73	3.71	3.35	3.27	3.27
167	3.70	3.69	3.51	3.30	3.30
168	3.88	3.71	3.66	3.43	3.40
169	4.04	3.81	3.67	3.65	3.68
170	4.12	3.97	3.77	3.66	3.69
171	4.22	4.07	3.93	3.71	3.71
172	4.50	4.15	3.98	3.79	3.71
173	4.52	4.20	4.06	3.87	3.86
174	4.53	4.43	4.29	3.97	4.00
175	4.54	4.49	4.55	4.07	4.10
176	4.55	4.52	4.53	4.15	4.08
177	4.56	4.57	4.53	4.18	4.13
178	4.56	4.57	4.53	4.21	4.13
179	4.56	4.57	4.53	4.21	4.13
180	4.14	4.14	4.14	4.14	4.14

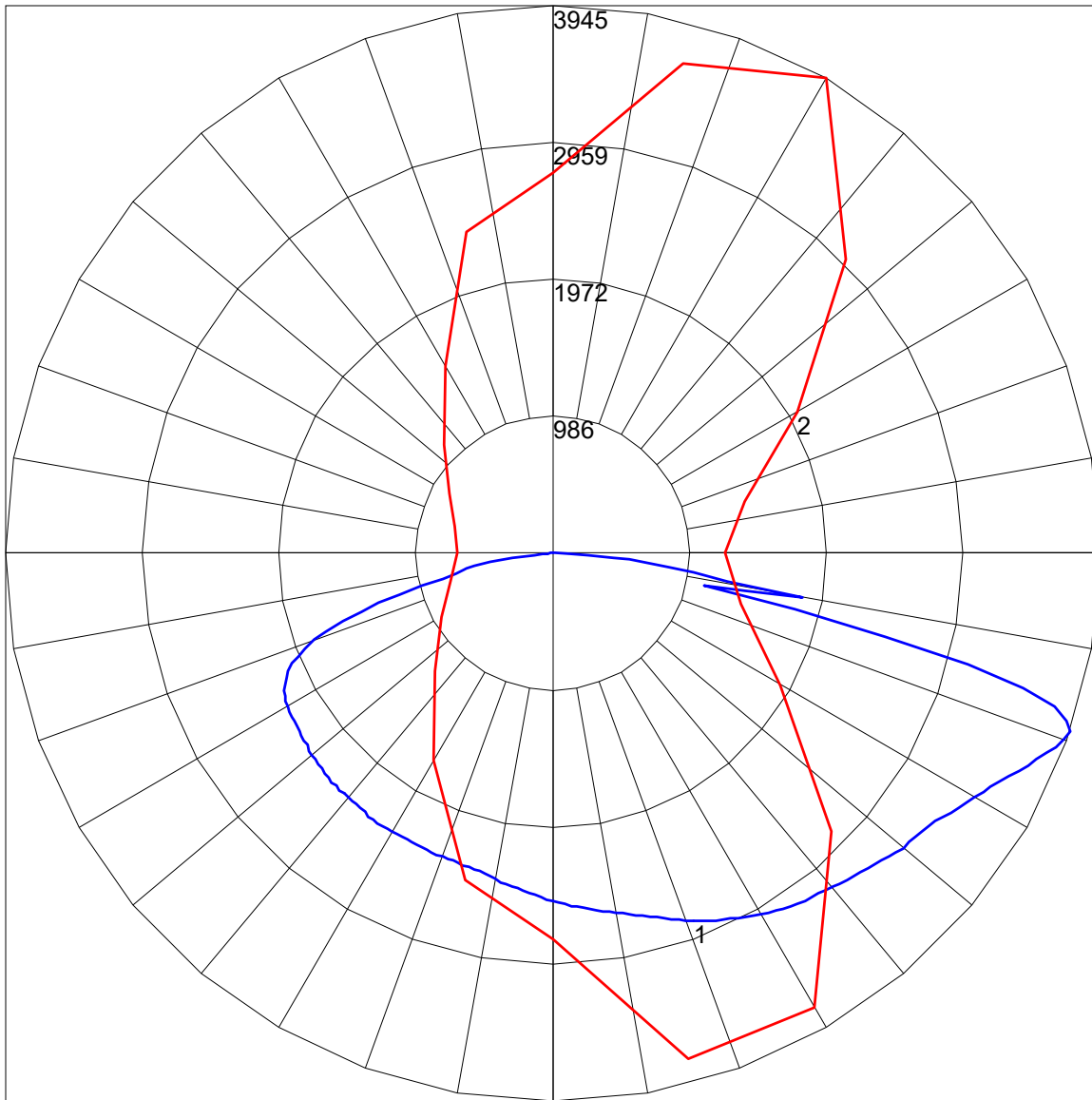
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

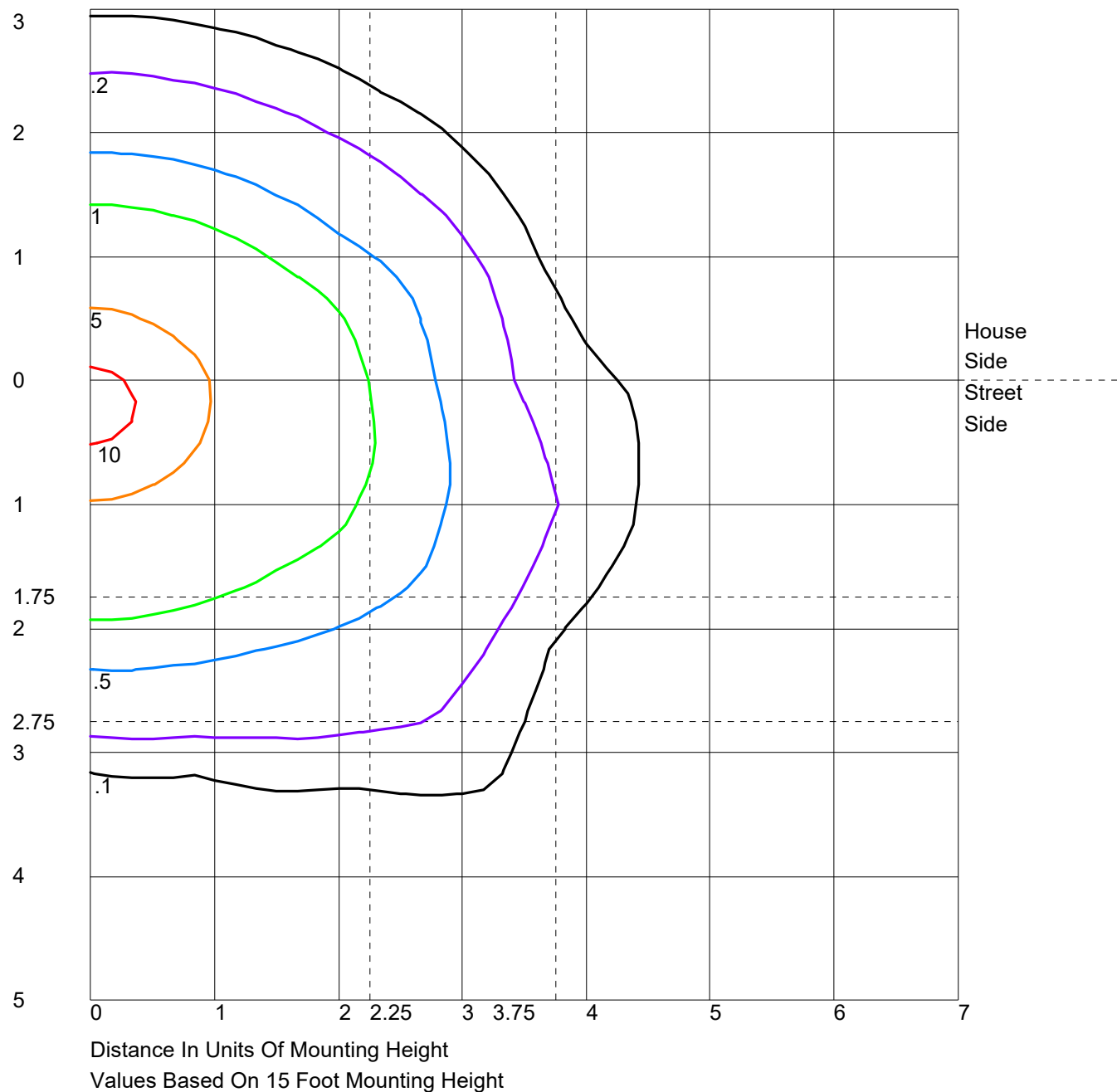
	Lumens	Percent Of Luminaire
Downward Street Side	7377.1	61.1
Downward House Side	4675.3	38.7
Downward Total	12052.4	99.8
Upward Street Side	6.3	0.1
Upward House Side	11.9	0.1
Upward Total	18.2	0.2
Total Flux	12070.6	100.0

POLAR GRAPH

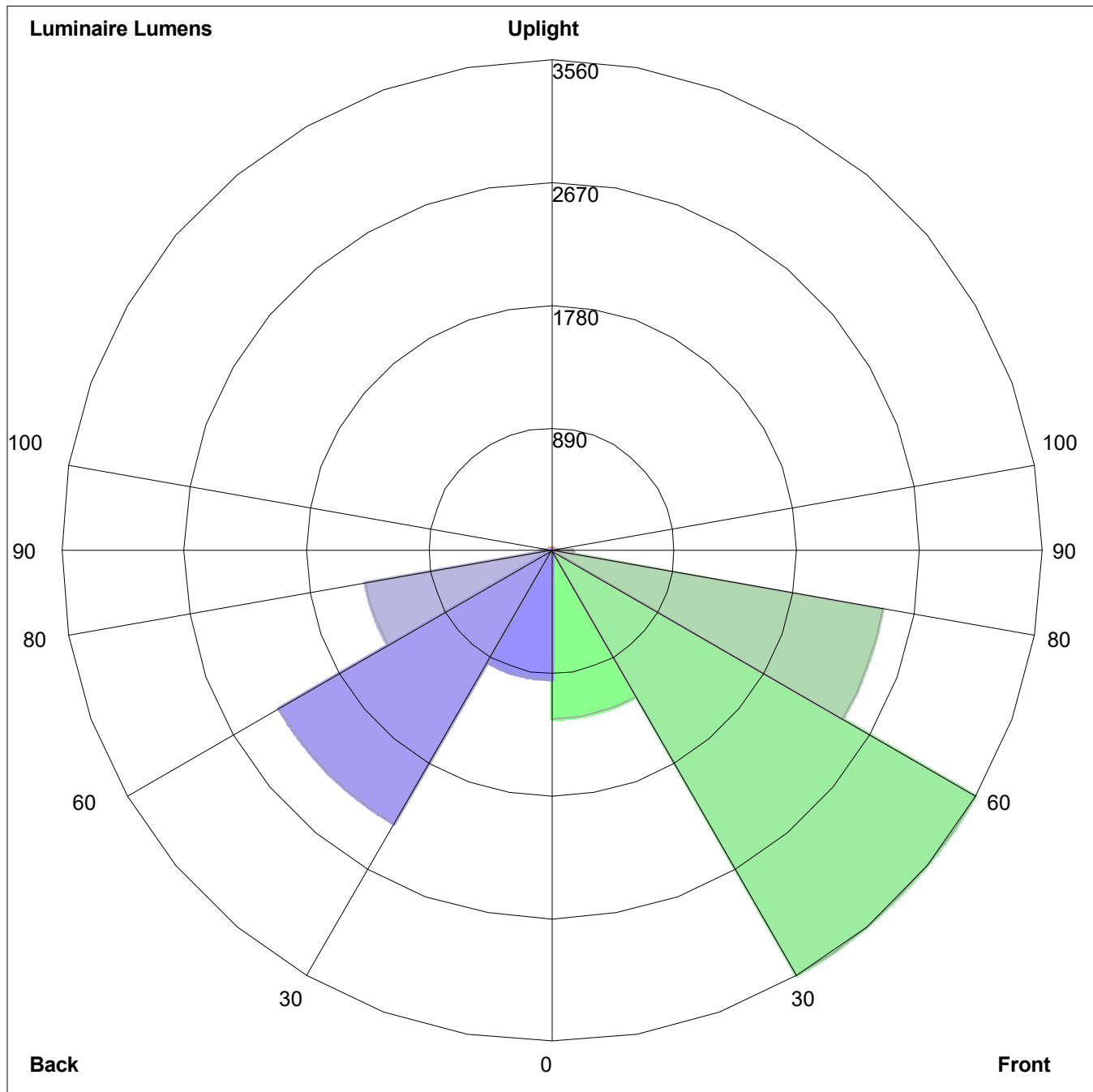


Maximum Candela = 3944.77 Located At Horizontal Angle = 60, Vertical Angle = 71
1 - Vertical Plane Through Horizontal Angles (60 - 240) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (71) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=1219.9, Medium=3559.5, High=2439.7, Very High=158.0
Back: Low=931.8, Medium=2285.4, High=1371.7, Very High=86.3
Uplight: Low=1.5, High=16.7

BUG Rating : B3-U2-G3