



IES FLOOD REPORT

PHOTOMETRIC FILENAME : FLL 2 HI F UV 740.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB] UL Verification Services (Guangzhou) Co., Ltd.

[TESTDATE] 2/28/2015

[ISSUEDATE] 2/28/2015

[MANUFAC] LumenFocus, LLC

[LUMCAT] FLL 2 HI F UV 740

[LUMINAIRE]

[LAMPCAT]

[LAMP]

Note: Candela values converted from Type-C to Type-B

CHARACTERISTICS

NEMA Type	7 H x 6 V
Maximum Candela	3918.758
Maximum Candela Angle	13H -7V
Horizontal Beam Angle (50%)	99.5
Vertical Beam Angle (50%)	93.4
Horizontal Field Angle (10%)	130.8
Vertical Field Angle (10%)	121.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	6393
Beam Efficiency	N.A.
Field Lumens	7932
Field Efficiency	N.A.
Spill Lumens	192
Luminaire Lumens	8123
Total Efficiency	N.A.
Total Luminaire Watts	75.25
Ballast Factor	1.00

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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	.104	90	.104
85	.518	85	.104
75	11.979	75	.66
65	528.637	65	121.605
55	1728.625	55	224.82
47.5	2250.787	47.5	1928.321
42.5	2671.676	42.5	2206.755
37.5	2983.782	37.5	2494.255
33	3264.806	33	2688.511
29	3302.363	29	2913.849
25.5	3383.95	25.5	3150.842
22.5	3470.718	22.5	3280.347
19.5	3573.027	19.5	3374.885
17	3661.09	17	3409.851
15	3731.022	15	3466.833
13	3753.038	13	3535.47
11	3737.497	11	3623.533
9	3699.941	9	3703.826
7	3740.087	7	3791.889
5	3790.594	5	3808.725
3	3819.085	3	3788.004
1	3811.315	1	3763.398
0	3755.019	0	3755.019
-1	3788.004	-1	3724.547
-3	3733.612	-3	3742.677
-5	3740.087	-5	3798.364
-7	3767.283	-7	3839.806
-9	3775.053	-9	3837.216
-11	3686.99	-11	3755.628
-13	3576.912	-13	3680.515
-15	3459.063	-15	3657.205
-17	3383.95	-17	3635.189
-19.5	3338.624	-19.5	3551.011
-22.5	3263.511	-22.5	3396.901
-25.5	3238.905	-25.5	3262.216
-29	3213.004	-29	3136.597
-33	3026.518	-33	2919.03
-37.5	2798.59	-37.5	2706.642
-42.5	2373.816	-42.5	2488.686
-47.5	1976.237	-47.5	2149.255
-55	1153.884	-55	1254.639
-65	207.466	-65	154.706
-75	7.123	-75	101.337
-85	.181	-85	6.76
-90	.104	-90	.466

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CANDELA TABULATION

Maximum Candela = 3918.758

Beam Edge = 1959.379 Cd (50% of Max.)

Field Edge = 391.8758 Cd (10% of Max.)

* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	<u>-90.0</u>	<u>-85.0</u>	<u>-75.0</u>	<u>-65.0</u>	<u>-55.0</u>	<u>-47.5</u>	<u>-42.5</u>	<u>-37.5</u>	<u>-33.0</u>	<u>-29.0</u>
90.0	0.104	0.098	0.087	0.082	0.100	0.113	0.115	0.113	0.110	0.108
85.0	0.104	0.111	0.099	0.102	0.095	0.113	0.110	0.104	0.112	0.121
75.0	0.104	0.097	0.114	0.171	0.237	0.266	0.302	0.343	0.622	1.139
65.0	0.104	0.104	0.187	0.630	5.819	36.173	45.626	51.256	67.096	83.742
55.0	0.104	0.101	0.412	4.985	31.740	62.540	80.511	79.418	316.711	439.153 *
47.5	0.104	0.113	1.804	11.252	87.553	273.853	663.141 *	1101.840	*1188.336	*1219.981 *
42.5	0.104	0.120	2.396	16.545	279.526	630.683 *	1098.415	*1374.635	*1518.226	*1692.987 *
37.5	0.104	0.126	3.118	25.948	463.390 *	965.602 *	1398.891	*1620.252	*1866.059	*2016.706 *
33.0	0.104	0.141	3.898	38.207	542.242 *	1261.956	*1594.877	*1882.705	*2108.408	*2263.738 *
29.0	0.104	0.154	4.673	53.604	611.364 *	1474.023	*1761.416	*2071.162	*2317.816	*2474.335 *
25.5	0.104	0.165	5.390	71.572	675.380 *	1584.619	*1905.106	*2244.901	*2469.101	*2643.787 *
22.5	0.104	0.168	5.803	91.065	758.035 *	1678.988	*2013.516	*2386.196	*2604.838	*2779.131 *
19.5	0.104	0.171	6.151	105.899	877.930 *	1743.095	*2098.591	*2488.805	*2719.400	*2887.644 *
17.0	0.104	0.173	6.393	126.798	953.403 *	1800.013	*2167.021	*2553.182	*2808.806	*2977.950 *
15.0	0.104	0.174	6.583	142.909	1004.992	*1841.065	*2239.303	*2613.302	*2866.187	*3048.089 *
13.0	0.104	0.176	6.700	158.296	1053.300	*1876.681	*2278.741	*2648.861	*2900.899	*3125.502 *
11.0	0.104	0.179	6.815	170.923	1090.901	*1905.886	*2302.963	*2682.806	*2940.917	*3171.685 *
9.0	0.104	0.180	6.910	186.095	1122.378	*1929.797	*2329.163	*2719.895	*2969.499	*3197.915 *
7.0	0.104	0.180	6.986	197.639	1142.757	*1948.444	*2349.223	*2751.165	*2990.847	*3209.235 *
5.0	0.104	0.180	7.088	205.413	1155.693	*1962.009	*2364.604	*2769.421	*3008.848	*3215.549 *
3.0	0.104	0.181	7.102	213.960	1170.071	*1975.763	*2383.223	*2785.752	*3020.006	*3220.213 *
1.0	0.104	0.181	7.116	209.632	1159.284	*1976.079	*2376.956	*2796.790	*3026.164	*3218.920 *
0.0	0.104	0.181	7.123	207.466	1153.884	*1976.237	*2373.816	*2798.590	*3026.518	*3213.004 *
-1.0	0.104	0.181	7.244	212.270	1165.857	*1981.816	*2382.081	*2805.414	*3038.657	*3228.885 *
-3.0	0.104	0.185	7.485	221.869	1189.773	*1992.957	*2398.576	*2811.441	*3057.271	*3251.157 *
-5.0	0.104	0.188	7.726	218.902	1189.476	*1990.676	*2390.048	*2811.680	*3070.295	*3270.150 *
-7.0	0.104	0.191	7.879	216.920	1191.277	*1988.548	*2384.601	*2809.341	*3076.253	*3291.878 *
-9.0	0.104	0.194	8.056	211.563	1186.837	*1981.492	*2379.014	*2783.302	*3079.415	*3311.733 *
-11.0	0.104	0.197	8.213	203.075	1176.384	*1969.489	*2370.460	*2756.187	*3064.377	*3324.062 *
-13.0	0.104	0.195	8.349	186.609	1163.092	*1948.340	*2364.004	*2731.626	*3037.293	*3327.647 *
-15.0	0.104	0.196	8.480	161.876	1134.182	*1921.273	*2344.066	*2705.618	*3013.571	*3239.116 *
-17.0	0.104	0.196	8.536	147.364	1095.399	*1889.259	*2298.014	*2653.176	*2961.940	*3142.977 *
-19.5	0.104	0.196	8.596	142.452	1035.586	*1842.468	*2228.610	*2580.346	*2883.729	*3040.063 *
-22.5	0.104	0.196	8.617	152.958	961.018 *	1787.397	*2151.829	*2507.863	*2767.654	*2935.535 *
-25.5	0.104	0.193	8.582	147.237	891.411 *	1724.754	*2060.913	*2402.223	*2601.615	*2845.735 *
-29.0	0.104	0.185	8.360	95.595	776.425 *	1625.864	*1933.607	*2243.568	*2482.962	*2697.489 *
-33.0	0.104	0.172	8.144	57.238	617.221 *	1486.105	*1789.176	*2086.379	*2300.875	*2461.481 *
-37.5	0.104	0.158	7.540	43.179	543.762 *	1228.185	*1581.359	*1873.248	*2106.202	*2239.900 *
-42.5	0.104	0.146	6.436	30.794	405.816 *	927.717 *	1332.116	*1568.998	*1815.389	*1971.256 *
-47.5	0.104	0.135	4.850	20.339	202.351	569.369 *	1043.598	*1340.561	*1454.865	*1630.886 *
-55.0	0.104	0.126	2.345	14.984	49.994	121.876	205.396	537.349 *	744.204 *	721.303 *
-65.0	0.104	0.123	0.856	8.102	36.126	47.642	51.112	64.796	83.244	104.158
-75.0	0.104	0.114	0.243	1.905	13.389	31.164	44.237	55.404	66.588	77.112
-85.0	0.104	0.134	0.150	0.206	0.316	0.455	0.656	0.926	1.460	2.061
-90.0	0.104	0.115	0.138	0.165	0.206	0.236	0.259	0.285	0.309	0.330

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CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	<u>-25.5</u>	<u>-22.5</u>	<u>-19.5</u>	<u>-17.0</u>	<u>-15.0</u>	<u>-13.0</u>	<u>-11.0</u>	<u>-9.0</u>	<u>-7.0</u>	<u>-5.0</u>
90.0	0.106	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104
85.0	0.128	0.127	0.123	0.120	0.117	0.115	0.110	0.109	0.108	0.107
75.0	1.084	0.647	0.526	0.563	0.593	0.620	0.645	0.663	0.673	0.690
65.0	99.022	112.480	121.852	122.773	123.382	123.745	123.953	123.976	123.771	123.362
55.0	414.747 *	332.113	210.252	194.570	279.947	423.691 *	442.070 *	438.831 *	391.929 *	345.051
47.5	1345.358	*1468.982	*1581.356	*1659.995	*1684.569	*1715.136	*1750.519	*1795.382	*1836.086	*1866.514 *
42.5	1806.221	*1864.453	*1892.508	*1915.573	*1963.539	*2023.710	*2064.515	*2103.879	*2137.507	*2168.843 *
37.5	2116.399	*2191.107	*2275.410	*2346.990	*2390.329	*2422.159	*2452.548	*2477.794	*2494.555	*2498.605 *
33.0	2379.941	*2474.373	*2561.851	*2612.452	*2640.936	*2661.582	*2692.248	*2706.019	*2709.148	*2710.177 *
29.0	2595.173	*2691.659	*2766.896	*2816.172	*2844.399	*2873.004	*2898.345	*2926.296	*2935.820	*2938.713 *
25.5	2765.960	*2865.197	*2931.736	*2991.525	*3033.022	*3066.616	*3099.473	*3125.877	*3151.377	*3162.931 *
22.5	2904.619	*2991.575	*3066.454	*3114.510	*3156.705	*3209.564	*3263.153	*3317.816	*3334.159	*3331.686 *
19.5	3028.161	*3126.761	*3164.815	*3218.784	*3268.739	*3322.229	*3382.773	*3437.640	*3456.782	*3441.354 *
17.0	3141.727	*3219.037	*3260.984	*3283.091	*3323.066	*3384.124	*3439.119	*3491.901	*3540.756	*3519.321 *
15.0	3220.309	*3282.940	*3334.676	*3360.842	*3373.574	*3422.954	*3492.814	*3551.588	*3597.933	*3586.948 *
13.0	3293.897	*3339.980	*3409.156	*3444.015	*3459.238	*3484.286	*3566.204	*3629.358	*3663.094	*3658.313 *
11.0	3343.581	*3406.543	*3489.574	*3524.606	*3548.339	*3595.310	*3659.437	*3726.871	*3755.002	*3726.758 *
9.0	3343.913	*3446.888	*3569.244	*3599.184	*3630.003	*3689.273	*3762.244	*3838.001	*3828.300	*3788.547 *
7.0	3331.429	*3426.450	*3558.777	*3650.425	*3707.033	*3764.650	*3838.748	*3886.231	*3893.974	*3835.400 *
5.0	3310.261	*3393.282	*3508.258	*3586.263	*3678.517	*3789.092	*3884.432	*3918.449	*3895.475	*3837.392 *
3.0	3284.152	*3347.065	*3445.435	*3512.264	*3599.825	*3714.997	*3828.222	*3899.367	*3888.540	*3820.296 *
1.0	3253.740	*3293.229	*3375.813	*3429.646	*3510.970	*3628.916	*3739.849	*3817.399	*3805.464	*3776.450 *
0.0	3238.905	*3263.511	*3338.624	*3383.950	*3459.063	*3576.912	*3686.990	*3775.053	*3767.283	*3740.087 *
-1.0	3262.907	*3296.561	*3374.189	*3425.321	*3502.605	*3615.480	*3715.044	*3774.691	*3751.452	*3715.413 *
-3.0	3311.188	*3358.265	*3441.237	*3500.260	*3577.233	*3678.261	*3760.873	*3781.275	*3737.158	*3692.516 *
-5.0	3353.937	*3415.168	*3504.384	*3569.771	*3645.510	*3739.817	*3803.218	*3820.652	*3782.287	*3721.963 *
-7.0	3377.185	*3465.140	*3562.809	*3630.798	*3691.047	*3767.038	*3833.923	*3870.772	*3852.864	*3808.026 *
-9.0	3388.794	*3510.058	*3594.953	*3630.005	*3686.569	*3765.333	*3851.457	*3910.022	*3867.750	*3823.228 *
-11.0	3401.618	*3506.897	*3563.620	*3606.030	*3662.582	*3741.993	*3837.982	*3853.277	*3825.909	*3794.046 *
-13.0	3394.069	*3460.000	*3520.195	*3571.034	*3611.042	*3690.724	*3762.206	*3787.966	*3772.869	*3737.168 *
-15.0	3354.816	*3394.695	*3475.291	*3526.780	*3564.495	*3625.896	*3706.497	*3747.452	*3749.608	*3724.793 *
-17.0	3292.938	*3339.034	*3422.602	*3460.419	*3525.955	*3586.466	*3654.506	*3715.184	*3750.488	*3719.490 *
-19.5	3181.580	*3260.167	*3330.255	*3404.593	*3461.511	*3524.703	*3589.745	*3646.413	*3672.949	*3651.117 *
-22.5	3034.153	*3114.883	*3208.789	*3302.729	*3368.081	*3414.414	*3463.913	*3532.323	*3522.020	*3499.040 *
-25.5	2900.140	*2982.782	*3081.589	*3173.108	*3229.729	*3300.794	*3353.976	*3366.224	*3357.273	*3336.920 *
-29.0	2823.329	*2871.627	*2943.895	*3013.049	*3068.244	*3116.892	*3155.704	*3164.784	*3167.718	*3168.544 *
-33.0	2574.789	*2723.344	*2793.930	*2833.899	*2882.394	*2921.839	*2946.464	*2952.938	*2949.609	*2946.274 *
-37.5	2351.940	*2451.620	*2544.744	*2577.053	*2591.475	*2675.475	*2695.682	*2713.757	*2719.342	*2720.533 *
-42.5	2045.636	*2137.542	*2205.118	*2260.229	*2312.104	*2361.717	*2403.524	*2433.445	*2452.615	*2468.885 *
-47.5	1761.576	*1825.784	*1868.808	*1884.763	*1923.749	*1962.974	*2002.101	*2040.011	*2073.039	*2101.020 *
-55.0	788.023 *	875.822 *	960.327 *	1044.825	*1106.938	*1171.408	*1208.080	*1240.427	*1266.005	*1278.475 *
-65.0	124.425	140.399	150.822	152.206	153.150	153.816	154.390	154.854	155.154	155.275
-75.0	85.826	93.392	96.958	98.664	100.184	100.738	101.295	101.671	101.875	102.362
-85.0	2.617	3.030	3.539	3.981	4.339	4.698	5.387	5.637	5.887	6.136
-90.0	0.348	0.364	0.377	0.389	0.398	0.407	0.416	0.425	0.434	0.443

Vert. Angles	Horizontal Angles									
	<u>-3.0</u>	<u>-1.0</u>	<u>0.0</u>	<u>1.0</u>	<u>3.0</u>	<u>5.0</u>	<u>7.0</u>	<u>9.0</u>	<u>11.0</u>	<u>13.0</u>
90.0	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104
85.0	0.106	0.105	0.104	0.105	0.107	0.110	0.112	0.114	0.117	0.122
75.0	0.678	0.666	0.660	1.055	1.843	2.632	2.997	3.321	3.391	3.152
65.0	122.919	122.043	121.605	122.278	123.624	124.607	125.608	126.499	127.282	127.784

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CANDELA TABULATION - (Cont.)

55.0	299.281	249.650	224.820	254.920	315.084	362.056	403.245 *	432.100 *	476.758 *	523.527 *
47.5	1899.068	*1918.563	*1928.321	*1925.511	*1919.896	*1901.491	*1885.370	*1858.486	*1826.323	*1801.550 *
42.5	2198.840	*2204.114	*2206.755	*2206.670	*2206.500	*2186.020	*2167.399	*2146.178	*2121.548	*2098.639 *
37.5	2500.285	*2497.847	*2494.255	*2498.982	*2503.741	*2504.520	*2503.087	*2490.770	*2473.868	*2453.232 *
33.0	2705.428	*2695.801	*2688.511	*2697.280	*2710.009	*2718.232	*2719.737	*2716.285	*2704.683	*2683.117 *
29.0	2934.294	*2923.462	*2913.849	*2925.124	*2938.864	*2945.114	*2947.421	*2944.523	*2931.028	*2917.044 *
25.5	3164.740	*3158.860	*3150.842	*3156.722	*3159.266	*3156.549	*3148.719	*3139.073	*3117.084	*3102.757 *
22.5	3318.218	*3294.928	*3280.347	*3281.700	*3280.924	*3276.096	*3265.559	*3251.956	*3259.607	*3246.292 *
19.5	3420.076	*3392.114	*3374.885	*3372.990	*3363.750	*3350.600	*3335.533	*3347.401	*3361.669	*3364.484 *
17.0	3482.542	*3436.202	*3409.851	*3408.868	*3401.835	*3388.721	*3374.753	*3433.398	*3464.593	*3463.939 *
15.0	3544.872	*3495.924	*3466.833	*3469.498	*3462.643	*3443.862	*3455.714	*3505.337	*3549.189	*3569.525 *
13.0	3617.514	*3566.882	*3535.470	*3543.132	*3544.272	*3531.153	*3561.374	*3602.592	*3637.605	*3660.943 *
11.0	3685.463	*3648.202	*3623.533	*3633.461	*3632.324	*3632.466	*3657.597	*3693.537	*3735.303	*3733.140 *
9.0	3742.340	*3720.683	*3703.826	*3714.087	*3715.943	*3722.986	*3734.087	*3760.843	*3795.099	*3812.479 *
7.0	3787.462	*3792.358	*3791.889	*3799.865	*3792.963	*3790.159	*3796.531	*3808.698	*3846.860	*3878.401 *
5.0	3794.593	*3798.947	*3808.725	*3813.288	*3816.925	*3812.484	*3795.606	*3828.403	*3886.089	*3907.858 *
3.0	3760.808	*3776.401	*3788.004	*3797.261	*3787.431	*3797.395	*3779.654	*3788.000	*3834.370	*3844.927 *
1.0	3789.064	*3764.654	*3763.398	*3764.623	*3822.944	*3801.633	*3756.850	*3725.276	*3767.323	*3783.892 *
0.0	3733.612	*3788.004	*3755.019	*3811.315	*3819.085	*3790.594	*3740.087	*3699.941	*3737.497	*3753.038 *
-1.0	3712.793	*3693.516	*3724.547	*3748.486	*3820.481	*3797.736	*3750.331	*3716.228	*3757.282	*3779.911 *
-3.0	3667.650	*3737.228	*3742.677	*3744.631	*3765.902	*3789.122	*3758.623	*3759.655	*3806.946	*3836.621 *
-5.0	3748.461	*3784.024	*3798.364	*3793.149	*3806.057	*3805.953	*3789.521	*3810.093	*3872.122	*3900.092 *
-7.0	3810.615	*3827.139	*3839.806	*3841.683	*3852.800	*3838.315	*3831.978	*3861.356	*3896.213	*3918.758 *
-9.0	3818.093	*3832.818	*3837.216	*3843.812	*3846.985	*3833.479	*3848.069	*3896.626	*3912.937	*3905.290 *
-11.0	3773.744	*3764.653	*3755.628	*3767.060	*3775.203	*3779.868	*3804.869	*3853.704	*3903.660	*3882.788 *
-13.0	3718.207	*3695.327	*3680.515	*3689.198	*3695.020	*3676.385	*3722.171	*3785.920	*3835.281	*3854.700 *
-15.0	3696.682	*3670.751	*3657.205	*3655.206	*3649.032	*3640.201	*3665.584	*3722.509	*3766.325	*3774.657 *
-17.0	3685.671	*3652.691	*3635.189	*3633.616	*3627.740	*3621.499	*3620.404	*3669.755	*3694.064	*3693.477 *
-19.5	3616.619	*3575.476	*3551.011	*3559.109	*3569.190	*3576.424	*3575.787	*3577.922	*3588.493	*3589.562 *
-22.5	3463.801	*3422.304	*3396.901	*3410.730	*3429.919	*3444.933	*3454.445	*3456.790	*3465.735	*3460.854 *
-25.5	3312.045	*3280.658	*3262.216	*3275.713	*3297.920	*3315.455	*3327.953	*3335.175	*3334.223	*3331.464 *
-29.0	3161.406	*3147.991	*3136.597	*3147.278	*3158.372	*3160.868	*3155.020	*3149.157	*3144.187	*3137.030 *
-33.0	2940.067	*2928.750	*2919.030	*2929.278	*2941.191	*2946.793	*2948.878	*2952.005	*2945.334	*2929.056 *
-37.5	2718.423	*2711.936	*2706.642	*2712.976	*2721.654	*2726.244	*2727.875	*2723.981	*2709.345	*2689.527 *
-42.5	2485.265	*2487.545	*2488.686	*2491.625	*2497.494	*2489.692	*2482.280	*2473.133	*2458.452	*2441.750 *
-47.5	2127.350	*2141.948	*2149.255	*2149.333	*2149.489	*2140.028	*2130.423	*2115.247	*2092.472	*2051.702 *
-55.0	1291.617	*1266.970	*1254.639	*1278.191	*1325.266	*1340.463	*1360.650	*1375.508	*1381.839	*1387.477 *
-65.0	155.449	154.954	154.706	155.281	156.432	156.804	157.150	157.172	156.845	155.872
-75.0	101.952	101.542	101.337	102.075	103.550	105.025	105.823	106.931	108.003	109.060
-85.0	6.386	6.635	6.760	6.869	7.088	7.306	7.524	7.743	7.961	7.601
-90.0	0.453	0.462	0.466	0.463	0.458	0.452	0.446	0.440	0.435	0.429

**Vert.
Angles**

Horizontal Angles

	<u>15.0</u>	<u>17.0</u>	<u>19.5</u>	<u>22.5</u>	<u>25.5</u>	<u>29.0</u>	<u>33.0</u>	<u>37.5</u>	<u>42.5</u>	<u>47.5</u>
90.0	0.104	0.103	0.103	0.103	0.103	0.104	0.104	0.104	0.104	0.104
85.0	0.126	0.129	0.134	0.139	0.138	0.130	0.122	0.117	0.117	0.121
75.0	2.726	2.227	1.373	1.860	6.009	8.952	9.345	6.228	2.106	0.903
65.0	128.164	128.349	128.485	117.665	102.071	83.247	64.455	45.976	36.596	43.581
55.0	572.424 *	429.702 *	243.066	387.171	508.935 *	572.623 *	543.857 *	320.287	136.156	160.085
47.5	1779.244	*1764.375	*1727.621	*1650.724	*1533.339	*1374.171	*1318.792	*1309.904	*948.403 *	486.890 *
42.5	2064.400	*2028.865	*2008.796	*1995.018	*1961.608	*1844.475	*1687.704	*1545.631	*1387.846	*991.987 *
37.5	2420.672	*2398.336	*2362.735	*2303.434	*2255.856	*2172.630	*2057.734	*1815.971	*1599.875	*1384.370 *
33.0	2668.188	*2653.386	*2631.299	*2598.274	*2529.124	*2424.376	*2283.099	*2100.785	*1804.609	*1556.369 *
29.0	2879.584	*2853.603	*2814.705	*2774.841	*2720.859	*2647.713	*2470.177	*2281.907	*1985.181	*1698.809 *
25.5	3077.116	*3054.507	*3004.036	*2919.166	*2862.383	*2775.457	*2634.288	*2422.781	*2157.872	*1834.899 *

IES FLOOD REPORT
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CANDELA TABULATION - (Cont.)

22.5	3226.348	*3190.313	*3144.689	*3081.412	*2999.937	*2901.652	*2748.167	*2527.841	*2274.327	*1911.357 *
19.5	3360.308	*3322.495	*3273.678	*3197.020	*3129.852	*3029.994	*2856.702	*2649.622	*2351.034	*1987.683 *
17.0	3453.197	*3431.908	*3375.572	*3292.688	*3204.877	*3139.088	*2945.808	*2712.820	*2419.226	*2048.199 *
15.0	3540.920	*3503.383	*3459.708	*3372.964	*3265.444	*3197.861	*3017.685	*2765.646	*2467.790	*2096.198 *
13.0	3635.413	*3581.373	*3522.416	*3444.694	*3332.560	*3241.108	*3070.468	*2806.596	*2507.531	*2133.156 *
11.0	3709.513	*3665.042	*3589.595	*3511.789	*3388.036	*3266.898	*3127.756	*2840.953	*2533.652	*2164.144 *
9.0	3789.718	*3734.691	*3660.306	*3545.174	*3411.747	*3286.806	*3167.879	*2878.606	*2553.797	*2189.503 *
7.0	3867.222	*3789.184	*3674.705	*3542.826	*3423.426	*3300.805	*3197.556	*2919.727	*2569.759	*2211.100 *
5.0	3864.722	*3772.294	*3658.181	*3530.263	*3420.166	*3308.331	*3224.183	*2942.441	*2609.701	*2229.640 *
3.0	3817.471	*3739.148	*3631.127	*3511.310	*3410.387	*3307.983	*3244.782	*2963.343	*2657.377	*2249.523 *
1.0	3762.338	*3690.802	*3595.113	*3486.271	*3394.805	*3303.712	*3260.907	*2979.282	*2666.903	*2250.365 *
0.0	3731.022	*3661.090	*3573.027	*3470.718	*3383.950	*3302.363	*3264.806	*2983.782	*2671.676	*2250.787 *
-1.0	3762.767	*3693.058	*3606.156	*3501.408	*3411.570	*3321.461	*3281.818	*2996.756	*2682.729	*2259.789 *
-3.0	3820.221	*3747.853	*3665.312	*3557.115	*3461.431	*3361.684	*3307.689	*3015.808	*2704.790	*2277.763 *
-5.0	3868.512	*3796.627	*3717.582	*3607.547	*3507.335	*3399.094	*3329.484	*3029.979	*2687.171	*2275.379 *
-7.0	3892.678	*3845.358	*3761.507	*3642.853	*3547.210	*3429.334	*3347.220	*3042.312	*2675.999	*2273.291 *
-9.0	3872.587	*3837.369	*3782.031	*3682.177	*3571.405	*3455.950	*3365.105	*3043.285	*2689.593	*2266.718 *
-11.0	3850.715	*3806.936	*3749.835	*3685.152	*3595.416	*3479.498	*3371.847	*3042.131	*2698.108	*2254.826 *
-13.0	3809.030	*3764.820	*3703.004	*3650.329	*3550.729	*3505.550	*3350.620	*3031.149	*2698.063	*2235.054 *
-15.0	3762.351	*3715.036	*3663.316	*3590.485	*3496.795	*3485.926	*3312.651	*3018.780	*2684.760	*2207.822 *
-17.0	3682.997	*3661.376	*3614.809	*3524.936	*3440.399	*3432.663	*3239.834	*3000.840	*2631.595	*2175.381 *
-19.5	3586.275	*3571.778	*3515.244	*3434.525	*3375.563	*3330.781	*3151.558	*2960.407	*2564.297	*2120.103 *
-22.5	3450.245	*3429.616	*3382.392	*3304.813	*3266.239	*3167.618	*3051.719	*2822.251	*2520.567	*2052.873 *
-25.5	3302.264	*3270.830	*3227.203	*3167.432	*3111.669	*3051.359	*2932.566	*2708.713	*2373.508	*1976.326 *
-29.0	3121.643	*3098.393	*3059.728	*3011.825	*2982.726	*2930.772	*2709.849	*2526.936	*2209.841	*1877.290 *
-33.0	2916.617	*2896.598	*2877.478	*2863.999	*2810.318	*2620.899	*2530.243	*2338.957	*2047.810	*1748.519 *
-37.5	2674.980	*2674.921	*2644.631	*2560.166	*2521.174	*2432.522	*2313.195	*2120.099	*1845.134	*1572.719 *
-42.5	2406.117	*2370.389	*2329.256	*2269.262	*2216.873	*2134.386	*2067.823	*1846.688	*1599.659	*1272.741 *
-47.5	2003.877	*1952.392	*1948.024	*1946.251	*1927.138	*1846.727	*1697.587	*1530.409	*1314.957	*950.060 *
-55.0	1368.351	*1352.965	*1266.716	*1138.680	*1059.399	*1004.623	*970.616 *	1058.990	*682.282 *	311.391
-65.0	154.367	152.660	150.429	157.507	157.662	125.577	95.079	74.774	57.153	54.845
-75.0	110.223	110.745	111.804	110.301	100.363	89.929	79.078	68.495	58.340	44.777
-85.0	7.636	7.649	7.635	7.568	7.650	7.620	7.598	7.763	7.175	5.388
-90.0	0.423	0.417	0.410	0.401	0.391	0.379	0.365	0.350	0.333	0.308

**Vert.
Angles**

Horizontal Angles

	<u>55.0</u>	<u>65.0</u>	<u>75.0</u>	<u>85.0</u>	<u>90.0</u>
90.0	0.104	0.104	0.104	0.104	0.104
85.0	0.132	0.134	0.136	0.100	0.104
75.0	0.901	0.389	0.232	0.150	0.104
65.0	30.332	3.728	1.149	0.161	0.104
55.0	73.404	22.187	2.586	0.173	0.104
47.5	313.861	40.407	4.080	0.201	0.104
42.5	431.367 *	61.051	5.385	0.246	0.104
37.5	582.866 *	100.751	7.226	0.310	0.104
33.0	756.970 *	187.628	9.120	0.330	0.104
29.0	1063.627	*274.832	10.473	0.348	0.104
25.5	1226.961	*312.197	11.430	0.365	0.104
22.5	1338.818	*317.850	12.347	0.395	0.104
19.5	1434.917	*432.422 *	12.975	0.422	0.104
17.0	1501.485	*456.433 *	13.271	0.442	0.104
15.0	1545.338	*473.516 *	13.466	0.457	0.104
13.0	1587.739	*485.832 *	13.434	0.470	0.104
11.0	1617.984	*496.814 *	13.398	0.507	0.104
9.0	1647.408	*505.673 *	13.287	0.509	0.104

IES FLOOD REPORT
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CANDELA TABULATION - (Cont.)

7.0	1673.337	*513.180	* 13.106	0.511	0.104
5.0	1695.083	*519.322	* 13.026	0.513	0.104
3.0	1718.261	*525.652	* 12.608	0.515	0.104
1.0	1725.167	*527.641	* 12.189	0.518	0.104
0.0	1728.625	*528.637	* 11.979	0.518	0.104
-1.0	1730.531	*529.241	* 12.216	0.527	0.104
-3.0	1734.339	*530.448	* 12.690	0.545	0.104
-5.0	1722.002	*527.308	* 13.163	0.563	0.104
-7.0	1711.155	*524.345	* 13.227	0.581	0.104
-9.0	1696.254	*520.001	* 13.385	0.599	0.104
-11.0	1676.994	*514.285	* 13.429	0.617	0.104
-13.0	1656.520	*505.652	* 13.347	0.594	0.104
-15.0	1624.941	*495.228	* 13.228	0.597	0.104
-17.0	1592.140	*480.168	* 13.058	0.598	0.104
-19.5	1537.614	*458.851	* 12.809	0.595	0.104
-22.5	1481.881	*343.940	12.281	0.586	0.104
-25.5	1358.978	*349.111	11.516	0.571	0.104
-29.0	1202.689	*328.611	10.933	0.572	0.104
-33.0	1005.576	*205.443	10.204	0.570	0.104
-37.5	739.885	* 150.186	9.114	0.566	0.104
-42.5	576.567	* 69.433	8.585	0.502	0.104
-47.5	407.077	* 44.914	8.112	0.445	0.104
-55.0	121.409	21.651	5.920	0.363	0.104
-65.0	37.134	12.401	3.371	0.274	0.104
-75.0	24.467	5.586	1.390	0.217	0.104
-85.0	2.271	0.713	0.343	0.122	0.104
-90.0	0.261	0.197	0.156	0.121	0.104

IES FLOOD REPORT
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LUMEN TABULATION

Average Of Right And Left Sides

Total Luminaire Lumens (one side of beam only) = 4061.62

Total Field Lumens (one side of beam only) = 3965.84

* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	<u>0</u>	<u>1</u>	<u>3</u>	<u>5</u>	<u>7</u>	<u>9</u>	<u>11</u>	<u>13</u>	<u>15</u>	<u>17</u>
90										
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00
65	0.19	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.37	0.46
55	0.55	1.23	1.38	1.51	1.63	1.72	1.76	1.70	1.45	1.43
47.5	2.47 *	5.01 *	5.08 *	5.11 *	5.11 *	5.07 *	5.01 *	4.87 *	4.59 *	5.30 *
42.5	3.15 *	6.27 *	6.21 *	6.12 *	6.01 *	5.87 *	5.74 *	5.59 *	5.44 *	6.59 *
37.5	3.58 *	7.16 *	7.13 *	7.07 *	6.98 *	6.87 *	6.74 *	6.59 *	6.42 *	7.79 *
33	3.56 *	7.13 *	7.13 *	7.11 *	7.06 *	6.99 *	6.89 *	6.76 *	6.63 *	8.07 *
29	3.42 *	6.86 *	6.87 *	6.85 *	6.82 *	6.76 *	6.66 *	6.55 *	6.43 *	7.85 *
25.5	3.24 *	6.49 *	6.49 *	6.46 *	6.42 *	6.35 *	6.26 *	6.15 *	6.03 *	7.35 *
22.5	2.94 *	5.89 *	5.89 *	5.87 *	5.82 *	5.75 *	5.67 *	5.57 *	5.46 *	6.64 *
19.5	3.04 *	6.10 *	6.10 *	6.09 *	6.05 *	5.99 *	5.90 *	5.80 *	5.68 *	6.91 *
17	2.59 *	5.19 *	5.20 *	5.19 *	5.17 *	5.13 *	5.06 *	4.98 *	4.88 *	5.95 *
15	2.10 *	4.22 *	4.23 *	4.23 *	4.22 *	4.19 *	4.14 *	4.07 *	3.99 *	4.88 *
13	2.14 *	4.30 *	4.31 *	4.32 *	4.31 *	4.28 *	4.23 *	4.16 *	4.08 *	4.99 *
11	2.19 *	4.39 *	4.41 *	4.42 *	4.42 *	4.39 *	4.33 *	4.26 *	4.18 *	5.10 *
9	2.24 *	4.49 *	4.50 *	4.52 *	4.52 *	4.50 *	4.44 *	4.36 *	4.28 *	5.21 *
7	2.29 *	4.58 *	4.58 *	4.60 *	4.61 *	4.58 *	4.53 *	4.45 *	4.36 *	5.29 *
5	2.32 *	4.63 *	4.63 *	4.64 *	4.65 *	4.63 *	4.59 *	4.50 *	4.38 *	5.28 *
3	2.31 *	4.62 *	4.62 *	4.64 *	4.64 *	4.63 *	4.57 *	4.47 *	4.33 *	5.22 *
1	2.30 *	4.61 *	4.61 *	4.61 *	4.59 *	4.56 *	4.49 *	4.38 *	4.25 *	5.14 *
0	1.15 *	2.31 *	2.30 *	2.29 *	2.27 *	2.25 *	2.21 *	2.16 *	2.10 *	2.54 *
-1	1.14 *	2.29 *	2.29 *	2.28 *	2.26 *	2.24 *	2.21 *	2.16 *	2.09 *	2.54 *
-3	2.27 *	4.55 *	4.55 *	4.54 *	4.53 *	4.51 *	4.46 *	4.37 *	4.25 *	5.14 *
	2.30 *	4.57 *	4.56 *	4.56 *	4.56 *	4.56 *	4.53 *	4.44 *	4.32 *	5.23 *

IES FLOOD REPORT
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LUMENS TABULATION - (Cont.)

-5	2.32 *	4.64 *	4.62 *	4.61 *	4.62 *	4.61 *	4.58 *	4.50 *	4.38 *	5.31 *
-7	2.34 *	4.67 *	4.65 *	4.65 *	4.67 *	4.65 *	4.60 *	4.51 *	4.40 *	5.36 *
-9	2.31 *	4.63 *	4.63 *	4.63 *	4.65 *	4.65 *	4.59 *	4.49 *	4.39 *	5.35 *
-11	2.27 *	4.55 *	4.55 *	4.56 *	4.59 *	4.59 *	4.55 *	4.45 *	4.35 *	5.29 *
-13	2.24 *	4.49 *	4.49 *	4.50 *	4.52 *	4.52 *	4.47 *	4.39 *	4.29 *	5.23 *
-15	2.22 *	4.46 *	4.46 *	4.47 *	4.47 *	4.45 *	4.39 *	4.32 *	4.23 *	5.16 *
-17	2.74 *	5.50 *	5.52 *	5.53 *	5.51 *	5.46 *	5.39 *	5.29 *	5.19 *	6.32 *
-19.5	3.18 *	6.40 *	6.44 *	6.45 *	6.43 *	6.37 *	6.28 *	6.17 *	6.06 *	7.36 *
-22.5	3.05 *	6.14 *	6.18 *	6.19 *	6.19 *	6.14 *	6.06 *	5.95 *	5.83 *	7.07 *
-25.5	3.42 *	6.87 *	6.89 *	6.89 *	6.87 *	6.83 *	6.75 *	6.62 *	6.48 *	7.87 *
-29	3.70 *	7.41 *	7.42 *	7.40 *	7.37 *	7.32 *	7.24 *	7.12 *	6.98 *	8.50 *
-33	3.86 *	7.74 *	7.75 *	7.73 *	7.70 *	7.64 *	7.55 *	7.41 *	7.26 *	8.89 *
-37.5	3.96 *	7.93 *	7.91 *	7.87 *	7.81 *	7.73 *	7.61 *	7.45 *	7.27 *	8.86 *
-42.5	3.53 *	7.05 *	7.01 *	6.94 *	6.86 *	6.76 *	6.62 *	6.45 *	6.26 *	7.60 *
-47.5	3.90 *	7.84 *	7.84 *	7.78 *	7.69 *	7.57 *	7.41 *	7.19 *	6.94 *	8.32 *
-55	2.16 *	4.40 *	4.45 *	4.45 *	4.42 *	4.37 *	4.30 *	4.18 *	4.02 *	4.73 *
-65	0.39	0.78	0.79	0.79	0.78	0.78	0.77	0.77	0.76	0.93
-75	0.16	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.32	0.40
-85	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
-90	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Total	101.22	203.09	203.39	203.18	202.55	201.01	198.28	194.30	189.41	229.48

Vert. Horizontal Angles

Angles	19.5	22.5	25.5	29	33	37.5	42.5	47.5	55	65
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.01	0.01	0.02	0.03	0.02	0.01	0.01	0.00	0.00	0.00
75	0.52	0.46	0.46	0.42	0.34	0.27	0.22	0.21	0.08	0.01
65	1.76	2.16	2.73	2.83	2.08	1.16	0.81	0.79	0.33	0.05
55	6.08 *	5.98 *	6.58 *	6.83 *	6.48 *	5.07 *	2.84 *	2.00	0.83	0.09
47.5	7.57 *	7.11 *	7.57 *	7.73 *	7.73 *	6.87 *	4.36 *	3.12 *	1.18	0.09

IES FLOOD REPORT
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LUMENS TABULATION - (Cont.)

42.5	9.01 *	8.61 *	9.40 *	9.70 *	9.43 *	8.63 *	6.36 *	5.12 *	1.86	0.14
37.5	9.31 *	8.85 *	9.68 *	10.10 *	9.91 *	9.07 *	7.00 *	6.04 *	2.31 *	0.22
33	9.09 *	8.67 *	9.49 *	9.91 *	9.80 *	9.03 *	7.07 *	6.41 *	2.68 *	0.30
29	8.50 *	8.11 *	8.91 *	9.33 *	9.26 *	8.59 *	6.78 *	6.36 *	2.85 *	0.34
25.5	7.68 *	7.32 *	8.04 *	8.44 *	8.41 *	7.84 *	6.20 *	5.90 *	2.73 *	0.32
22.5	8.01 *	7.66 *	8.41 *	8.82 *	8.81 *	8.22 *	6.48 *	6.29 *	3.06 *	0.38
19.5	6.91 *	6.61 *	7.27 *	7.62 *	7.60 *	7.09 *	5.59 *	5.51 *	2.80 *	0.38
17	5.67 *	5.43 *	5.97 *	6.27 *	6.23 *	5.81 *	4.60 *	4.57 *	2.36 *	0.32
15	5.79 *	5.54 *	6.09 *	6.39 *	6.35 *	5.93 *	4.69 *	4.69 *	2.45 *	0.34
13	5.91 *	5.65 *	6.20 *	6.49 *	6.44 *	6.01 *	4.76 *	4.80 *	2.53 *	0.35
11	6.02 *	5.72 *	6.26 *	6.56 *	6.53 *	6.08 *	4.82 *	4.88 *	2.60 *	0.36
9	6.06 *	5.73 *	6.28 *	6.61 *	6.60 *	6.14 *	4.87 *	4.95 *	2.66 *	0.38
7	6.03 *	5.71 *	6.28 *	6.65 *	6.66 *	6.20 *	4.91 *	5.01 *	2.70 *	0.38
5	5.98 *	5.68 *	6.27 *	6.67 *	6.70 *	6.26 *	4.96 *	5.06 *	2.74 *	0.39
3	5.90 *	5.63 *	6.25 *	6.68 *	6.74 *	6.30 *	4.99 *	5.08 *	2.76 *	0.39
1	2.92 *	2.79 *	3.12 *	3.34 *	3.38 *	3.16 *	2.50 *	2.54 *	1.38 *	0.20
0	2.92 *	2.80 *	3.12 *	3.35 *	3.38 *	3.16 *	2.50 *	2.54 *	1.38 *	0.20
-1	5.93 *	5.67 *	6.30 *	6.75 *	6.80 *	6.36 *	5.03 *	5.12 *	2.78 *	0.40
-3	6.03 *	5.75 *	6.38 *	6.80 *	6.84 *	6.37 *	5.04 *	5.13 *	2.79 *	0.40
-5	6.12 *	5.83 *	6.44 *	6.84 *	6.86 *	6.37 *	5.02 *	5.12 *	2.78 *	0.40
-7	6.18 *	5.88 *	6.49 *	6.88 *	6.87 *	6.36 *	5.02 *	5.11 *	2.76 *	0.39
-9	6.20 *	5.91 *	6.52 *	6.91 *	6.86 *	6.35 *	5.01 *	5.08 *	2.73 *	0.39
-11	6.15 *	5.89 *	6.53 *	6.91 *	6.82 *	6.33 *	4.99 *	5.03 *	2.69 *	0.38
-13	6.07 *	5.82 *	6.48 *	6.86 *	6.77 *	6.29 *	4.95 *	4.96 *	2.63 *	0.36
-15	5.98 *	5.73 *	6.37 *	6.74 *	6.69 *	6.22 *	4.89 *	4.87 *	2.56 *	0.35
-17	7.32 *	7.00 *	7.77 *	8.22 *	8.19 *	7.62 *	5.97 *	5.93 *	3.08 *	0.41
-19.5	8.49 *	8.13 *	9.00 *	9.53 *	9.54 *	8.89 *	6.97 *	6.87 *	3.49 *	0.45
-22.5	8.15 *	7.79 *	8.64 *	9.14 *	9.15 *	8.55 *	6.72 *	6.56 *	3.24 *	0.40

IES FLOOD REPORT
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LUMENS TABULATION - (Cont.)

-25.5	9.09 *	8.71 *	9.68 *	10.17 *	10.09 *	9.42 *	7.43 *	7.15 *	3.43 *	0.44
-29	9.87 *	9.46 *	10.38 *	10.83 *	10.75 *	10.02 *	7.92 *	7.39 *	3.26 *	0.38
-33	10.30 *	9.79 *	10.67 *	11.16 *	11.12 *	10.29 *	8.05 *	7.19 *	2.88 *	0.29
-37.5	10.21 *	9.68 *	10.61 *	11.15 *	10.99 *	10.04 *	7.64 *	6.49 *	2.43	0.21
-42.5	8.81 *	8.42 *	9.20 *	9.54 *	9.32 *	8.44 *	6.06 *	4.74 *	1.67	0.13
-47.5	9.46 *	8.86 *	9.54 *	9.86 *	9.79 *	8.43 *	5.25 *	3.66 *	1.26	0.12
-55	5.16 *	4.63 *	4.84 *	5.02 *	5.08 *	3.98 *	2.06	1.39	0.57	0.09
-65	1.08	1.01	1.02	0.94	0.82	0.69	0.52	0.52	0.26	0.04
-75	0.46	0.43	0.44	0.43	0.40	0.35	0.26	0.22	0.09	0.01
-85	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00
-90	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00
Total	264.71	252.63	277.73	291.46	288.66	264.30	202.17	190.42	91.70	11.68

Vert. Angles	Horizontal Angles			
	<u>75</u>	<u>85</u>	<u>90</u>	<u>Total</u>
90	0.00	0.00	0.01	
85	0.00	0.00	0.17	
75	0.00	0.00	6.67	
65	0.00	0.00	29.07	
55	0.00	0.00	90.40	
47.5	0.00	0.00	110.31	
42.5	0.01	0.00	134.60	
37.5	0.01	0.00	139.81	
33	0.01	0.00	137.54	
29	0.01	0.00	130.28	
25.5	0.01	0.00	118.41	
22.5	0.01	0.00	123.81	
19.5	0.01	0.00	106.71	
17	0.01	0.00	87.49	
15	0.01	0.00	89.40	

IES FLOOD REPORT
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LUMENS TABULATION - (Cont.)

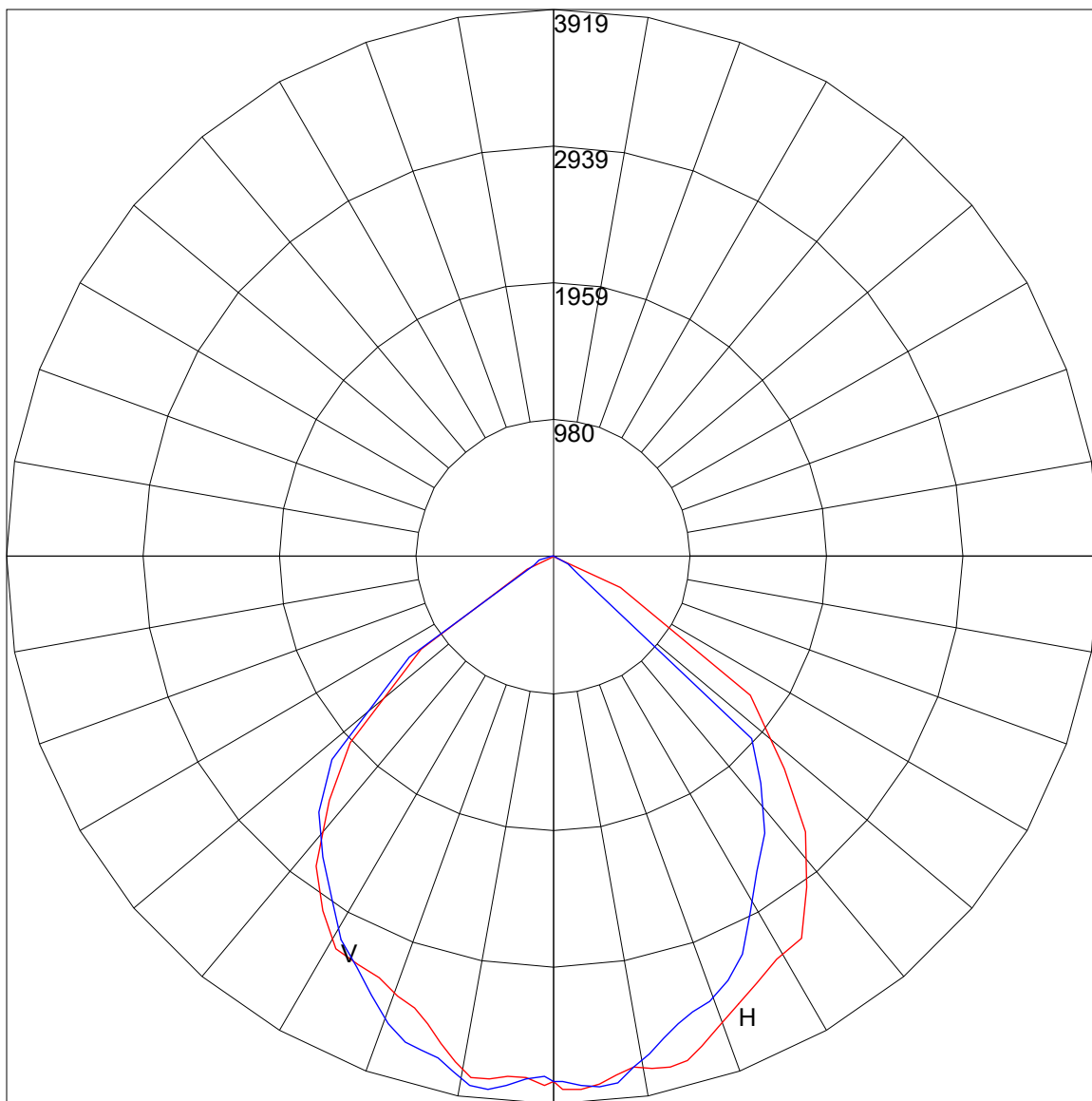
13	0.01	0.00	91.24
11	0.01	0.00	92.89
9	0.01	0.00	94.15
7	0.01	0.00	94.79
5	0.01	0.00	94.77
3	0.01	0.00	94.28
1	0.00	0.00	46.87
0	0.00	0.00	46.86
-1	0.01	0.00	94.33
-3	0.01	0.00	95.17
-5	0.01	0.00	95.97
-7	0.01	0.00	96.44
-9	0.01	0.00	96.27
-11	0.01	0.00	95.47
-13	0.01	0.00	94.34
-15	0.01	0.00	93.03
-17	0.01	0.00	113.99
-19.5	0.01	0.00	132.52
-22.5	0.01	0.00	127.16
-25.5	0.01	0.00	141.08
-29	0.01	0.00	150.74
-33	0.01	0.00	155.27
-37.5	0.01	0.00	153.86
-42.5	0.01	0.00	131.43
-47.5	0.01	0.00	138.72
-55	0.01	0.00	74.32
-65	0.00	0.00	14.46
-75	0.00	0.00	6.32

IES FLOOD REPORT
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LUMENS TABULATION - (Cont.)

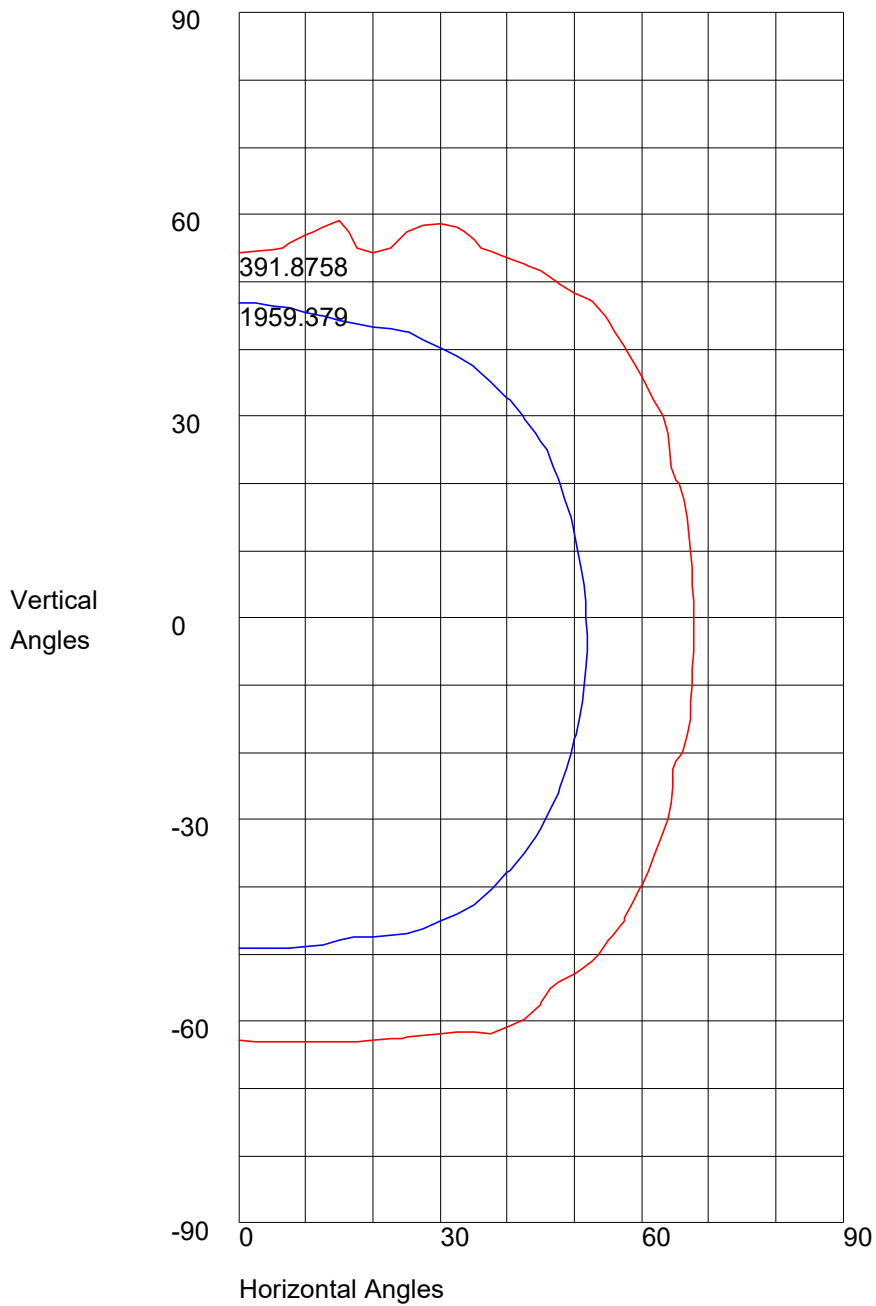
-85	0.00	0.00	0.20
-90			
Total	0.26	0.00	4061.63

AXIAL CANDELA DISPLAY



Maximum Candela = 3918.758 Located At Horizontal Angle = 13, Vertical Angle = -7
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 3918.758 Located At Horizontal Angle = 13, Vertical Angle = -7
50% Maximum Candela = 1959.379
10% Maximum Candela = 391.8758