



**IES FLOOD REPORT
PHOTOMETRIC FILENAME : FL4-40L-50-8-N6-U-Y-GM.IES**

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 1265262
 [TESTLAB] UL Verification Services Inc.
 [ISSUE DATE] 7/13/2016
 [MANUFAC] Eye Lighting International of North America
 [LUMCAT] FL2-40L-50-8-N6-U-Y-GM
 [LUMINAIRE] Formed aluminum housing / heatsink, frosted plastic lens,
 [MORE] specular plastic reflector
 [LAMP] 10 white LEDs
 [BALLAST] Two Meanwell HLG-185H-C1050A
 [OTHER] 24 C, 119.98 V, 3.236 A, 385.8 W, 0.9937 PF, 60 Hz
 [OTHER] This test was performed using the calibrated photodetector met
 [MORE] hod of absolute photometry.

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

CHARACTERISTICS

NEMA Type	6 H x 6 V
Maximum Candela	28852.801
Maximum Candela Angle	0H 1V
Horizontal Beam Angle (50%)	46.2
Vertical Beam Angle (50%)	46.6
Horizontal Field Angle (10%)	109.4
Vertical Field Angle (10%)	110.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	9944
Beam Efficiency	N.A.
Field Lumens	23996
Field Efficiency	N.A.
Spill Lumens	4537
Luminaire Lumens	28533
Total Efficiency	N.A.
Total Luminaire Watts	385.8
Ballast Factor	1.00



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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	236.628	90	297.325
85	373.3	85	435.2
75	993.3	75	1073.8
65	1786.3	65	1873.6
55	2839.7	55	2909.7
47.5	3984.7	47.5	4039.45
42.5	5072.75	42.5	5098.75
37.5	6637.4	37.5	6643.7
33	8589	33	8598.4
29	10829.6	29	10763.5
25.5	12960.8	25.5	12992.9
22.5	14856.95	22.5	14946.85
19.5	16819.901	19.5	16926.2
17	18519.801	17	18623.699
15	19946.801	15	20045.4
13	21458.4	13	21546.6
11	23064.699	11	23149
9	24693.5	9	24790.9
7	26219.5	7	26339.199
5	27497.199	5	27597.1
3	28382.6	3	28441.801
1	28826.5	1	28852.801
0	28846.699	0	28846.699
-1	28826.5	-1	28828.699
-3	28382.6	-3	28363.699
-5	27497.199	-5	27469.199
-7	26219.5	-7	26179.5
-9	24693.5	-9	24621.301
-11	23064.699	-11	22987.699
-13	21458.4	-13	21397.5
-15	19946.801	-15	19913.5
-17	18519.801	-17	18504.699
-19.5	16819.901	-19.5	16854.301
-22.5	14856.95	-22.5	14921.55
-25.5	12960.8	-25.5	12993.15
-29	10829.6	-29	10822.4
-33	8589	-33	8622.1
-37.5	6637.4	-37.5	6662.2
-42.5	5072.75	-42.5	5101.5
-47.5	3984.7	-47.5	4028.75
-55	2839.7	-55	2899.5
-65	1786.3	-65	1863.3
-75	993.3	-75	1072.2
-85	373.3	-85	437.7
-90	236.628	-90	289.845

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CANDELA TABULATION

Maximum Candela = 28852.801
 Beam Edge = 14426.4005 Cd (50% of Max.)
 Field Edge = 2885.2801 Cd (10% of Max.)
 * Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	-90.0	-85.0	-75.0	-65.0	-55.0	-47.5	-42.5	-37.5	-33.0	-29.0
90.0	236.504	238.311	248.331	260.049	266.364	269.066	269.423	269.731	270.563	271.445
85.0	236.515	243.653	265.495	292.494	314.482	331.419	340.586	349.792	357.464	364.698
75.0	236.537	256.354	331.833	447.567	568.384	662.044	719.218	772.051	819.487	858.819
65.0	236.557	273.304	437.785	675.459	924.894	1110.002	1224.951	1328.512	1419.670	1493.753
55.0	236.576	293.559	561.979	925.756	1312.552	1593.003	1777.742	1955.820	2105.768	2236.277
47.5	236.589	310.083	655.626	1112.007	1601.701	1976.129	2234.572	2500.229	2731.830	2934.689 *
42.5	236.597	320.664	715.606	1229.829	1793.799	2246.351	2573.363	2903.451	*3216.948	*3495.087 *
37.5	236.604	331.466	771.585	1341.542	1980.212	2522.107	2917.606	*3347.929	*3772.906	*4178.176 *
33.0	236.609	339.363	817.595	1433.392	2139.091	2773.236	3253.795	*3790.342	*4334.819	*4878.766 *
29.0	236.614	346.810	854.479	1507.281	2274.875	2991.508	*3555.384	*4219.653	*4893.243	*5635.450 *
25.5	236.617	352.628	883.811	1565.913	2388.394	3175.122	*3819.582	*4595.529	*5439.987	*6342.624 *
22.5	236.620	357.077	906.081	1612.399	2477.900	3326.675	*4050.827	*4928.151	*5940.840	*7066.676 *
19.5	236.622	361.012	925.834	1652.144	2561.241	3471.768	*4253.468	*5262.609	*6445.335	*7745.503 *
17.0	236.624	363.891	941.157	1682.466	2623.050	3583.937	*4425.307	*5529.408	*6861.313	*8333.333 *
15.0	236.625	365.926	952.149	1704.110	2667.351	3666.308	*4553.918	*5733.078	*7174.991	*8790.177 *
13.0	236.626	367.719	961.876	1723.347	2709.273	3742.000	*4689.987	*5933.404	*7479.023	*9213.340 *
11.0	236.626	373.128	970.324	1739.853	2742.566	3809.825	*4779.901	*6113.590	*7761.050	*9603.770 *
9.0	236.627	373.159	977.477	1754.445	2772.669	3862.901	*4870.977	*6275.630	*8042.711	*9971.384 *
7.0	236.627	373.190	983.319	1766.401	2796.943	3906.670	*4940.048	*6425.095	*8233.414	*10281.027 *
5.0	236.628	373.221	992.042	1775.599	2816.624	3941.257	*4994.944	*6506.686	*8397.041	*10526.499 *
3.0	236.628	373.253	992.545	1785.210	2837.140	3967.409	*5038.982	*6580.263	*8510.047	*10698.692 *
1.0	236.628	373.284	993.048	1785.936	2838.846	3981.878	*5066.315	*6626.847	*8582.257	*10813.694 *
0.0	236.628	373.300	993.300	1786.300	2839.700	3984.700	*5072.750	*6637.400	*8589.000	*10829.600 *
-1.0	236.628	373.300	993.873	1787.615	2841.660	3986.443	*5073.958	*6643.628	*8605.410	*10849.509 *
-3.0	236.628	373.694	995.019	1790.242	2845.576	3981.153	*5061.493	*6630.183	*8579.133	*10802.820 *
-5.0	236.628	373.955	996.163	1783.930	2830.663	3964.325	*5031.042	*6576.458	*8503.836	*10676.159 *
-7.0	236.627	374.216	989.054	1777.981	2816.551	3935.639	*4988.831	*6505.949	*8369.082	*10469.821 *
-9.0	236.626	374.476	984.815	1769.190	2797.263	3895.955	*4931.493	*6372.206	*8203.360	*10197.513 *
-11.0	236.626	374.735	979.240	1757.337	2771.877	3846.114	*4846.543	*6225.497	*7948.437	*9892.525 *
-13.0	236.625	369.585	972.338	1742.927	2743.044	3786.179	*4762.551	*6065.001	*7698.193	*9530.607 *
-15.0	236.624	368.061	964.119	1725.446	2705.254	3718.725	*4636.864	*5887.074	*7418.228	*9125.074 *
-17.0	236.622	366.288	954.594	1705.649	2664.552	3643.852	*4520.372	*5695.726	*7120.449	*8676.525 *
-19.5	236.621	363.726	940.874	1677.521	2606.834	3542.540	*4359.458	*5432.128	*6706.147	*8101.025 *
-22.5	236.618	360.152	921.939	1639.932	2528.300	3408.503	*4171.760	*5101.039	*6198.795	*7454.013 *
-25.5	236.616	356.041	900.376	1595.459	2441.925	3262.782	*3945.563	*4764.720	*5707.173	*6723.090 *
-29.0	236.612	350.586	871.817	1539.097	2334.109	3081.092	*3677.396	*4394.421	*5157.376	*5987.153 *
-33.0	236.607	343.505	835.846	1467.074	2202.085	2864.941	3373.573	*3964.282	*4571.738	*5167.530 *
-37.5	236.602	335.978	790.809	1376.826	2043.821	2615.947	3043.676	*3516.121	*3972.425	*4418.156 *
-42.5	236.594	325.371	736.723	1268.457	1859.018	2340.839	2696.693	3053.717	*3390.825	*3698.819 *
-47.5	236.587	314.900	677.046	1153.008	1671.447	2073.644	2354.354	2633.851	2886.585	*3112.143 *
-55.0	236.573	298.279	584.672	969.197	1382.899	1685.430	1885.665	2076.595	2243.251	2388.649
-65.0	236.554	277.294	458.728	717.608	990.676	1195.480	1318.969	1434.838	1536.049	1619.444
-75.0	236.533	259.113	348.384	481.095	625.087	732.017	798.206	860.024	915.443	962.224
-85.0	236.511	245.151	273.993	309.045	343.659	369.798	382.523	396.859	410.174	422.653
-90.0	236.500	239.212	252.839	267.266	276.493	280.866	282.075	283.336	284.950	287.018

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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	273.055	275.386	277.927	280.125	281.883	282.808	283.733	284.793	285.987	287.181
85.0	370.730	376.587	382.437	387.461	391.262	394.565	401.184	402.351	402.873	403.400
75.0	888.275	912.715	936.122	954.571	967.900	979.050	988.701	996.664	1002.414	1010.961
65.0	1552.739	1599.643	1642.545	1676.084	1701.181	1723.465	1741.805	1757.385	1768.664	1777.395
55.0	2348.481	2434.274	2514.901	2578.147	2625.070	2669.568	2705.017	2737.300	2759.868	2774.243
47.5	3109.975	*3255.821	*3390.578	*3494.967	*3571.330	*3646.430	*3714.376	*3768.554	*3813.255	*3844.881 *
42.5	3736.024	*3962.245	*4149.790	*4301.648	*4420.723	*4548.274	*4640.472	*4729.240	*4799.563	*4850.596 *
37.5	4517.267	*4825.794	*5143.369	*5387.993	*5571.253	*5745.402	*5909.542	*6058.711	*6195.293	*6268.737 *
33.0	5386.033	*5837.220	*6308.516	*6710.765	*6996.817	*7262.783	*7508.906	*7780.770	*7947.593	*8088.054 *
29.0	6322.903	*7000.128	*7617.339	*8188.473	*8626.174	*9020.682	*9373.670	*9686.559	*9952.862	*10161.528 *
25.5	7259.254	*8114.949	*8977.596	*9686.575	*10263.998	*10793.501	*11250.735	*11635.864	*11959.879	*12236.292 *
22.5	8134.307	*9173.454	*10223.582	*10792.210	*11724.879	*12387.046	*12941.738	*13400.059	*13787.877	*14128.435 *
19.5	9052.242	*10244.981	*11497.414	*12521.719	*13287.578	*13971.126	*14646.841	*15190.760	*15609.844	*15997.649 *
17.0	9803.587	*11154.459	*12529.490	*13675.559	*14534.842	*15316.498	*16023.774	*16672.767	*17195.388	*17602.157 *
15.0	10388.427	*11860.079	*13330.957	*14545.970	*15537.107	*16342.071	*17119.396	*17840.202	*18472.109	*18924.507 *
13.0	10935.469	*12520.401	*14094.265	*15386.084	*16368.833	*17339.028	*18211.900	*18994.422	*19751.478	*20302.976 *
11.0	11439.658	*13123.684	*14797.606	*16169.389	*17253.441	*18257.158	*19296.358	*20222.633	*21055.476	*21803.270 *
9.0	11897.409	*13651.577	*15423.639	*16879.640	*18039.571	*19173.208	*20277.502	*21385.674	*22369.165	*23206.409 *
7.0	12293.200	*14089.842	*15924.135	*17464.373	*18713.074	*19975.519	*21231.025	*22445.379	*23626.083	*24595.230 *
5.0	12614.386	*14461.896	*16324.985	*17935.483	*19260.548	*20628.890	*22093.860	*23429.274	*24737.395	*25911.754 *
3.0	12811.695	*14681.281	*16601.932	*18274.111	*19670.407	*21116.780	*22616.736	*24158.885	*25609.085	*26834.298 *
1.0	12931.242	*14817.122	*16773.020	*18490.397	*19911.026	*21396.839	*22978.361	*24609.127	*26157.229	*27449.784 *
0.0	12960.800	*14856.950	*16819.901	*18519.801	*19946.801	*21458.400	*23064.699	*24693.500	*26219.500	*27497.199 *
-1.0	12980.071	*14872.121	*16834.217	*18560.705	*19992.414	*21519.355	*23123.109	*24760.274	*26288.809	*27563.608 *
-3.0	12937.617	*14812.284	*16747.322	*18425.775	*19838.483	*21309.324	*22849.858	*24449.700	*25939.408	*27186.022 *
-5.0	12771.902	*14637.442	*16507.364	*18140.106	*19521.124	*20954.814	*22446.342	*23871.954	*25288.130	*26474.256 *
-7.0	12517.424	*14334.158	*16192.089	*17786.472	*19080.704	*20384.082	*21723.211	*23055.975	*24271.808	*25357.465 *
-9.0	12212.162	*13981.357	*15759.493	*17261.585	*18455.743	*19672.240	*20873.779	*222031.752	*23106.041	*24020.400 *
-11.0	11829.213	*13532.724	*15220.161	*16639.027	*17768.323	*18857.481	*19918.496	*20918.436	*21849.601	*22665.539 *
-13.0	11365.220	*12971.200	*14599.654	*15941.539	*16977.625	*17955.300	*18895.573	*19801.305	*20540.865	*21192.668 *
-15.0	10825.801	*12364.620	*13917.659	*15167.187	*16170.264	*17015.013	*17864.755	*18620.540	*19249.499	*19836.283 *
-17.0	10270.622	*11716.173	*13168.582	*14328.665	*15210.908	*16045.043	*16799.291	*17456.182	*18038.047	*18522.480 *
-19.5	9561.178	*10852.560	*12149.189	*13217.701	*14031.694	*14786.278	*15444.141	*16028.804	*16540.151	*16937.673 *
-22.5	8647.136	*9758.922	*10885.155	*11823.485	*12556.452	*13211.245	*13788.886	*14300.710	*14742.054	*15077.256 *
-25.5	7737.977	*8674.702	*9629.719	*10422.869	*11032.192	*11594.995	*12097.465	*12550.761	*12914.266	*13191.392 *
-29.0	6731.897	*7497.676	*8238.070	*8852.462	*9323.605	*9762.800	*10167.844	*10528.561	*10817.928	*11023.612 *
-33.0	5734.361	*6263.440	*6815.671	*7256.807	*7587.079	*7903.474	*8192.359	*8492.906	*8667.840	*8815.695 *
-37.5	4810.508	*5166.236	*5521.676	*5810.701	*6029.756	*6245.268	*6429.880	*6592.312	*6742.728	*6828.153 *
-42.5	3980.468	*4227.329	*4439.955	*4621.539	*4758.737	*4902.539	*5000.057	*5094.346	*5167.305	*5231.971 *
-47.5	3307.333	*3469.260	*3621.044	*3741.084	*3830.110	*3910.441	*3982.761	*4040.426	*4088.531	*4126.922 *
-55.0	2510.283	*2604.213	*2694.822	*2766.363	*2816.470	*2863.613	*2900.835	*2934.570	*2961.419	*2982.067 *
-65.0	1684.685	*1736.477	*1785.357	*1822.702	*1849.266	*1872.716	*1892.200	*1908.824	*1922.481	*1933.255
-75.0	996.389	*1024.082	*1050.213	*1070.271	*1084.876	*1096.885	*1107.053	*1115.627	*1122.565	*1132.567
-85.0	431.810	*440.323	*448.653	*455.523	*460.740	*463.777	*470.980	*472.350	*474.117	*475.883
-90.0	288.987	*291.174	*293.560	*295.968	*297.894	*299.372	*300.849	*301.910	*302.555	*303.199

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	291.238	295.296	297.325	295.296	291.238	287.181	285.987	284.793	283.733	282.808
85.0	416.047	428.816	435.200	428.816	416.047	403.400	402.873	402.351	401.184	394.565
75.0	1034.793	1060.797	1073.800	1060.797	1034.793	1010.961	1002.414	996.664	988.701	979.050
65.0	1815.750	1854.313	1873.600	1854.313	1815.750	1777.395	1768.664	1757.385	1741.805	1723.465

CANDELA TABULATION - (Cont.)

55.0	2822.869	2880.745	2909.700	*2880.745	2822.869	2774.243	2759.868	2737.300	2705.017	2669.568
47.5	3895.794	*3994.318	*4039.450	*3994.318	*3895.793	*3844.881	*3813.255	*3768.554	*3714.377	*3646.430 *
42.5	4905.935	*5039.014	*5098.750	*5039.014	*4905.936	*4850.596	*4799.563	*4729.240	*4640.472	*4548.274 *
37.5	6328.311	*6546.085	*6643.700	*6546.085	*6328.311	*6268.737	*6195.293	*6058.711	*5909.542	*5745.402 *
33.0	8163.307	*8458.157	*8598.400	*8458.158	*8163.307	*8088.054	*7947.593	*7780.770	*7508.906	*7262.783 *
29.0	10284.868	*10597.387	*10763.500	*10597.387	*10284.868	*10161.528	*9952.862	*9686.559	*9373.670	*9020.682 *
25.5	12387.576	*12737.712	*12992.900	*12737.713	*12387.575	*12236.292	*11959.879	*11635.864	*11250.735	*10793.501 *
22.5	14312.635	*14653.177	*14946.850	*14653.178	*14312.635	*14128.435	*13787.877	*13400.059	*12941.738	*12387.046 *
19.5	16254.765	*16584.516	*16926.200	*16584.516	*16254.765	*15997.649	*15609.844	*15190.760	*14646.841	*13971.126 *
17.0	17926.801	*18248.147	*18623.699	*18248.148	*17926.801	*17602.157	*17195.388	*16672.767	*16023.774	*15316.499 *
15.0	19315.314	*19611.577	*20045.400	*19611.578	*19315.314	*18924.507	*18472.109	*17840.202	*17119.396	*16342.071 *
13.0	20754.557	*21039.010	*21546.600	*21039.009	*20754.557	*20302.976	*19751.478	*18994.422	*18211.900	*17339.028 *
11.0	22250.353	*22551.964	*23149.000	*22551.964	*22250.353	*21803.270	*21055.476	*20222.633	*19296.358	*18257.158 *
9.0	23792.206	*24184.319	*24790.900	*24184.319	*23792.206	*23206.409	*22369.165	*21385.674	*20277.502	*19173.208 *
7.0	25325.277	*25785.865	*26339.199	*25785.865	*25325.277	*24595.230	*23626.083	*22445.379	*21231.025	*19975.518 *
5.0	26648.497	*27164.417	*27597.100	*27164.417	*26648.497	*25911.754	*24737.395	*23429.274	*22093.860	*20628.890 *
3.0	27659.126	*28061.612	*28441.801	*28061.612	*27659.126	*26834.298	*25609.085	*24158.885	*22616.736	*21116.780 *
1.0	28271.663	*28651.496	*28852.801	*28651.496	*28271.663	*27449.784	*26157.229	*24609.127	*22978.361	*21396.839 *
0.0	28382.600	*28826.500	*28846.699	*28826.500	*28382.600	*27497.199	*26219.500	*24693.500	*23064.699	*21458.400 *
-1.0	28397.607	*28771.511	*28828.699	*28771.511	*28397.607	*27563.608	*26288.809	*24760.274	*23123.109	*21519.355 *
-3.0	28031.517	*28458.906	*28363.699	*28458.906	*28031.517	*27186.022	*25939.408	*24449.700	*22849.858	*21309.324 *
-5.0	27276.146	*27765.928	*27469.199	*27765.928	*27276.146	*26474.256	*25288.130	*23871.954	*22446.342	*20954.814 *
-7.0	26133.470	*26591.111	*26179.500	*26591.111	*26133.470	*25357.465	*24271.808	*23055.975	*21723.211	*20384.082 *
-9.0	24740.534	*25121.515	*24621.301	*25121.515	*24740.534	*24020.400	*23106.041	*22031.752	*20873.779	*19672.240 *
-11.0	23212.258	*23522.457	*22987.699	*23522.457	*23212.258	*22665.539	*21849.601	*20918.436	*19918.496	*18857.481 *
-13.0	21677.122	*21875.361	*21397.500	*21875.361	*21677.122	*21192.668	*20540.865	*19801.305	*18895.573	*17955.300 *
-15.0	20203.512	*20312.057	*19913.500	*20312.057	*20203.512	*19836.283	*19249.499	*18620.540	*17864.755	*17015.013 *
-17.0	18809.924	*18844.650	*18504.699	*18844.650	*18809.924	*18522.480	*18038.047	*17456.182	*16799.291	*16045.043 *
-19.5	17167.107	*17119.247	*16854.301	*17119.247	*17167.107	*16937.673	*16540.151	*16028.804	*15444.141	*14786.278 *
-22.5	15271.831	*15157.239	*14921.550	*15157.239	*15271.831	*15077.256	*14742.054	*14300.710	*13788.886	*13211.245 *
-25.5	13366.855	*13201.878	*12993.150	*13201.878	*13366.855	*13191.392	*12914.266	*12550.761	*12097.465	*11594.995 *
-29.0	11163.049	*10996.101	*10822.400	*10996.101	*11163.049	*11023.612	*10817.928	*10528.561	*10167.844	*9762.800 *
-33.0	8921.783	*8754.192	*8622.100	*8754.192	*8921.783	*8815.695	*8667.840	*8492.906	*8192.359	*7903.474 *
-37.5	6898.766	*6748.795	*6662.200	*6748.795	*6898.766	*6828.153	*6742.728	*6592.312	*6429.880	*6245.268 *
-42.5	5254.532	*5157.753	*5101.500	*5157.753	*5254.532	*5231.971	*5167.305	*5094.346	*5000.057	*4902.539 *
-47.5	4127.136	*4064.657	*4028.750	*4064.657	*4127.136	*4126.922	*4088.531	*4040.426	*3982.761	*3910.441 *
-55.0	2974.764	*2924.598	*2899.500	*2924.598	*2974.764	*2982.067	*2961.419	*2934.570	*2900.835	*2863.613 *
-65.0	1915.855	1880.821	1863.300	1880.821	1915.855	1933.255	1922.481	1908.824	1892.200	1872.716
-75.0	1109.778	1084.727	1072.200	1084.727	1109.778	1132.567	1122.565	1115.627	1107.053	1096.885
-85.0	460.707	445.369	437.700	445.369	460.707	475.883	474.117	472.350	470.980	463.777
-90.0	297.858	292.516	289.845	292.516	297.858	303.199	302.555	301.910	300.849	299.372

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	281.883	280.125	277.927	275.386	273.055	271.445	270.563	269.731	269.423	269.066
85.0	391.262	387.461	382.437	376.587	370.730	364.698	357.464	349.792	340.586	331.419
75.0	967.900	954.571	936.122	912.715	888.275	858.819	819.487	772.051	719.218	662.044
65.0	1701.181	1676.084	1642.545	1599.643	1552.739	1493.753	1419.670	1328.512	1224.951	1110.002
55.0	2625.070	2578.147	2514.901	2434.274	2348.481	2236.277	2105.768	1955.820	1777.742	1593.003
47.5	3571.330	*3494.967	*3390.578	*3255.821	*3109.975	*2934.689	*2731.830	2500.229	2234.572	1976.129
42.5	4420.723	*4301.648	*4149.790	*3962.245	*3736.024	*3495.087	*3216.948	*2903.451	*2573.363	2246.351
37.5	5571.253	*5387.993	*5143.369	*4825.794	*4517.267	*4178.176	*3772.906	*3347.929	*2917.606	*2522.107
33.0	6996.817	*6710.765	*6308.516	*5837.220	*5386.033	*4878.766	*4334.819	*3790.342	*3253.795	*2773.236
29.0	8626.174	*8188.473	*7617.340	*7000.127	*6322.903	*5635.450	*4893.243	*4219.653	*3555.384	*2991.508 *
25.5	10263.998	*9686.575	*8977.596	*8114.949	*7259.254	*6342.624	*5439.987	*4595.529	*3819.582	*3175.122 *

CANDELA TABULATION - (Cont.)

22.5	11724.879	11079.210	10223.582	9173.454	8134.307	7066.676	5940.840	4928.151	4050.827	3326.675	*
19.5	13287.579	12521.719	11497.414	10244.981	9052.242	7745.503	6445.335	5262.609	4253.468	3471.768	*
17.0	14534.842	13675.559	12529.490	11154.459	9803.587	8333.333	6861.313	5529.408	4425.307	3583.937	*
15.0	15537.107	14545.970	13330.957	11860.079	10388.427	8790.177	7174.991	5733.078	4553.918	3666.308	*
13.0	16368.833	15386.084	14094.265	12520.401	10935.469	9213.340	7479.023	5933.404	4689.987	3742.000	*
11.0	17253.441	16169.389	14797.606	13123.684	11439.658	9603.770	7761.050	6113.590	4779.901	3809.825	*
9.0	18039.571	16879.640	15423.639	13651.577	11897.409	9971.384	8042.712	6275.630	4870.977	3862.901	*
7.0	18713.074	17464.373	15924.135	14089.842	12293.200	10281.027	8233.414	6425.095	4940.048	3906.670	*
5.0	19260.548	17935.483	16324.985	14461.896	12614.386	10526.499	8397.041	6506.686	4994.944	3941.257	*
3.0	19670.407	18274.111	16601.932	14681.281	12811.695	10698.692	8510.047	6580.263	5038.982	3967.409	*
1.0	19911.026	18490.397	16773.020	14817.122	12931.242	10813.695	8582.257	6626.848	5066.315	3981.878	*
0.0	19946.801	18519.801	16819.901	14856.950	12960.800	10829.600	8589.000	6637.400	5072.750	3984.700	*
-1.0	19992.414	18560.705	16834.216	14872.121	12980.071	10849.509	8605.410	6643.628	5073.958	3986.443	*
-3.0	19838.483	18425.775	16747.322	14812.284	12937.617	10802.820	8579.133	6630.183	5061.492	3981.153	*
-5.0	19521.123	18140.106	16507.364	14637.442	12771.902	10676.159	8503.836	6576.458	5031.042	3964.325	*
-7.0	19080.704	17786.472	16192.089	14334.158	12517.424	10469.821	8369.082	6505.949	4988.831	3935.639	*
-9.0	18455.743	17261.585	15759.493	13981.357	12212.162	10197.513	8203.360	6372.206	4931.493	3895.955	*
-11.0	17768.323	16639.027	15220.161	13532.724	11829.213	9892.525	7948.437	6225.497	4846.543	3846.114	*
-13.0	16977.625	15941.539	14599.654	12971.200	11365.220	9530.607	7698.193	6065.001	4762.551	3786.179	*
-15.0	16170.264	15167.187	13917.659	12364.620	10825.801	9125.074	7418.228	5887.074	4636.864	3718.725	*
-17.0	15210.908	14328.665	13168.582	11716.173	10270.622	8676.525	7120.449	5695.726	4520.372	3643.852	*
-19.5	14031.694	13217.701	12149.189	10852.560	9561.178	8101.025	6706.147	5432.128	4359.458	3542.540	*
-22.5	12556.452	11823.485	10885.155	9758.922	8647.136	7454.013	6198.795	5101.039	4171.760	3408.503	*
-25.5	11032.192	10422.869	9629.719	8674.702	7737.977	6723.090	5707.173	4764.720	3945.563	3262.782	*
-29.0	9323.605	8852.462	8238.070	7497.676	6731.897	5987.153	5157.376	4394.421	3677.396	3081.092	*
-33.0	7587.079	7256.807	6815.671	6263.440	5734.361	5167.530	4571.738	3964.282	3373.573	2864.941	
-37.5	6029.756	5810.701	5521.676	5166.236	4810.508	4418.156	3972.425	3516.121	3043.676	2615.947	
-42.5	4758.737	4621.539	4439.955	4227.329	3980.468	3698.819	3390.825	3053.717	2696.693	2340.839	
-47.5	3830.110	3741.084	3621.044	3469.260	3307.333	3112.143	2886.585	2633.851	2354.354	2073.644	
-55.0	2816.470	2766.363	2694.822	2604.213	2510.283	2388.649	2243.251	2076.595	1885.665	1685.430	
-65.0	1849.266	1822.702	1785.357	1736.477	1684.685	1619.444	1536.049	1434.838	1318.969	1195.480	
-75.0	1084.876	1070.271	1050.213	1024.082	996.389	962.224	915.443	860.024	798.206	732.017	
-85.0	460.740	455.523	448.653	440.323	431.810	422.653	410.174	396.859	382.523	369.798	
-90.0	297.894	295.968	293.560	291.174	288.987	287.018	284.950	283.336	282.075	280.866	

Vert. Angles	Horizontal Angles				
	55.0	65.0	75.0	85.0	90.0
90.0	266.364	260.049	248.331	238.311	236.504
85.0	314.482	292.494	265.495	243.653	236.515
75.0	568.384	447.567	331.833	256.354	236.537
65.0	924.894	675.459	437.785	273.304	236.557
55.0	1312.552	925.756	561.979	293.559	236.576
47.5	1601.701	1112.007	655.626	310.083	236.589
42.5	1793.799	1229.829	715.606	320.664	236.597
37.5	1980.212	1341.542	771.585	331.466	236.604
33.0	2139.091	1433.392	817.595	339.363	236.609
29.0	2274.875	1507.281	854.479	346.810	236.614
25.5	2388.394	1565.913	883.811	352.628	236.617
22.5	2477.900	1612.399	906.081	357.077	236.620
19.5	2561.241	1652.144	925.834	361.012	236.622
17.0	2623.050	1682.466	941.157	363.891	236.624
15.0	2667.351	1704.110	952.149	365.926	236.625
13.0	2709.273	1723.347	961.876	367.719	236.626
11.0	2742.566	1739.853	970.324	373.128	236.626
9.0	2772.669	1754.445	977.477	373.159	236.627

IES FLOOD REPORT
PHOTOMETRIC FILENAME : FL4-40L-50-8-N6-U-Y-GM.IES

CANDELA TABULATION - (Cont.)

7.0	2796.943	1766.401	983.319	373.190	236.627
5.0	2816.624	1775.599	992.042	373.221	236.628
3.0	2837.140	1785.210	992.545	373.253	236.628
1.0	2838.846	1785.936	993.048	373.284	236.628
0.0	2839.700	1786.300	993.300	373.300	236.628
-1.0	2841.660	1787.615	993.873	373.300	236.628
-3.0	2845.576	1790.242	995.019	373.694	236.628
-5.0	2830.663	1783.930	996.163	373.955	236.628
-7.0	2816.551	1777.981	989.054	374.216	236.627
-9.0	2797.263	1769.190	984.815	374.476	236.626
-11.0	2771.877	1757.337	979.240	374.735	236.626
-13.0	2743.044	1742.927	972.338	369.585	236.625
-15.0	2705.254	1725.446	964.119	368.061	236.624
-17.0	2664.552	1705.649	954.594	366.288	236.622
-19.5	2606.834	1677.521	940.874	363.727	236.621
-22.5	2528.300	1639.932	921.939	360.152	236.618
-25.5	2441.925	1595.459	900.376	356.041	236.616
-29.0	2334.109	1539.097	871.817	350.586	236.612
-33.0	2202.085	1467.074	835.846	343.505	236.607
-37.5	2043.821	1376.826	790.809	335.978	236.602
-42.5	1859.018	1268.457	736.723	325.371	236.594
-47.5	1671.447	1153.008	677.046	314.900	236.587
-55.0	1382.899	969.197	584.672	298.279	236.573
-65.0	990.676	717.608	458.728	277.294	236.554
-75.0	625.087	481.095	348.384	259.113	236.533
-85.0	343.659	309.045	273.993	245.151	236.511
-90.0	276.493	267.266	252.839	239.212	236.500

IES FLOOD REPORT
PHOTOMETRIC FILENAME : FL4-40L-50-8-N6-U-Y-GM.IES

LUMEN TABULATION

Average Of Right And Left Sides
 Total Luminaire Lumens (one side of beam only) = 14266.28
 Total Field Lumens (one side of beam only) = 11997.83
 * 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	0.55	1.09	1.06	1.04	1.04	1.03	1.01	1.00	0.98	1.20
75	2.28	4.48	4.35	4.27	4.23	4.18	4.12	4.04	3.95	4.81
65	4.46	8.78	8.57	8.42	8.33	8.23	8.09	7.94	7.76	9.42
55	7.25	14.27	13.96	13.75	13.61	13.41	13.17	12.89	12.56	15.21
47.5	7.90 *	15.52 *	15.20 *	14.99 *	14.79 *	14.54 *	14.23 *	13.87 *	13.47 *	16.24 *
42.5	6.92 *	13.57 *	13.29 *	13.11 *	12.90 *	12.64 *	12.33 *	11.96 *	11.56 *	13.86 *
37.5	8.88 *	17.37 *	16.98 *	16.75 *	16.43 *	16.00 *	15.53 *	14.99 *	14.41 *	17.16 *
33	10.36 *	20.20 *	19.72 *	19.43 *	18.99 *	18.40 *	17.72 *	17.01 *	16.25 *	19.16 *
29	11.70 *	22.83 *	22.30 *	21.90 *	21.34 *	20.61 *	19.76 *	18.86 *	17.87 *	20.85 *
25.5	12.55 *	24.51 *	23.97 *	23.49 *	22.82 *	22.02 *	21.08 *	20.02 *	18.84 *	21.81 *
22.5	12.64 *	24.70 *	24.19 *	23.68 *	22.98 *	22.15 *	21.17 *	20.03 *	18.78 *	21.68 *
19.5	14.42 *	28.22 *	27.66 *	27.05 *	26.24 *	25.28 *	24.11 *	22.77 *	21.35 *	24.58 *
17	13.40 *	26.26 *	25.75 *	25.15 *	24.38 *	23.45 *	22.33 *	21.10 *	19.77 *	22.70 *
15	11.66 *	22.86 *	22.42 *	21.87 *	21.17 *	20.30 *	19.31 *	18.24 *	17.07 *	19.56 *
13	12.53 *	24.57 *	24.10 *	23.46 *	22.64 *	21.65 *	20.56 *	19.38 *	18.11 *	20.74 *
11	13.45 *	26.36 *	25.86 *	25.12 *	24.14 *	23.02 *	21.78 *	20.46 *	19.08 *	21.86 *
9	14.42 *	28.24 *	27.67 *	26.79 *	25.65 *	24.35 *	22.94 *	21.49 *	20.01 *	22.88 *
7	15.40 *	30.16 *	29.45 *	28.41 *	27.09 *	25.60 *	24.03 *	22.43 *	20.82 *	23.75 *
5	16.28 *	31.94 *	31.14 *	29.95 *	28.43 *	26.76 *	25.01 *	23.22 *	21.48 *	24.46 *
3	16.95 *	33.34 *	32.53 *	31.23 *	29.54 *	27.69 *	25.76 *	23.84 *	22.00 *	25.00 *
1	17.36 *	34.29 *	33.49 *	32.13 *	30.32 *	28.31 *	26.25 *	24.26 *	22.35 *	25.36 *
0	8.77 *	17.37 *	16.96 *	16.26 *	15.34 *	14.30 *	13.24 *	12.22 *	11.25 *	12.76 *
-1	8.78 *	17.41 *	16.99 *	16.29 *	15.38 *	14.35 *	13.28 *	12.25 *	11.28 *	12.79 *
-3	17.43 *	34.60 *	33.78 *	32.41 *	30.60 *	28.55 *	26.46 *	24.43 *	22.49 *	25.52 *
	17.07 *	33.95 *	33.11 *	31.77 *	30.03 *	28.08 *	26.09 *	24.12 *	22.23 *	25.25 *

IES FLOOD REPORT
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LUMENS TABULATION - (Cont.)

-5	16.45 *	32.81 *	31.98 *	30.71 *	29.10 *	27.33 *	25.48 *	23.63 *	21.82 *	24.81 *
-7	15.61 *	31.23 *	30.46 *	29.31 *	27.89 *	26.30 *	24.63 *	22.93 *	21.25 *	24.23 *
-9	14.66 *	29.41 *	28.76 *	27.76 *	26.52 *	25.12 *	23.63 *	22.09 *	20.53 *	23.46 *
-11	13.67 *	27.48 *	26.97 *	26.13 *	25.07 *	23.86 *	22.53 *	21.15 *	19.71 *	22.56 *
-13	12.72 *	25.59 *	25.19 *	24.48 *	23.59 *	22.55 *	21.37 *	20.13 *	18.81 *	21.56 *
-15	11.81 *	23.80 *	23.51 *	22.92 *	22.13 *	21.22 *	20.18 *	19.05 *	17.82 *	20.46 *
-17	13.58 *	27.37 *	27.13 *	26.52 *	25.66 *	24.65 *	23.49 *	22.19 *	20.78 *	23.89 *
-19.5	14.63 *	29.55 *	29.38 *	28.76 *	27.88 *	26.80 *	25.58 *	24.20 *	22.68 *	26.08 *
-22.5	12.86 *	26.03 *	25.94 *	25.41 *	24.66 *	23.73 *	22.66 *	21.45 *	20.13 *	23.19 *
-25.5	12.80 *	25.96 *	25.92 *	25.42 *	24.71 *	23.80 *	22.75 *	21.58 *	20.31 *	23.50 *
-29	11.94 *	24.25 *	24.26 *	23.83 *	23.23 *	22.43 *	21.47 *	20.44 *	19.34 *	22.54 *
-33	10.55 *	21.45 *	21.51 *	21.17 *	20.70 *	20.05 *	19.29 *	18.46 *	17.58 *	20.67 *
-37.5	9.01 *	18.31 *	18.39 *	18.15 *	17.79 *	17.34 *	16.82 *	16.21 *	15.53 *	18.44 *
-42.5	6.99 *	14.16 *	14.24 *	14.10 *	13.87 *	13.59 *	13.26 *	12.86 *	12.41 *	14.85 *
-47.5	7.95 *	16.09 *	16.19 *	16.08 *	15.86 *	15.59 *	15.26 *	14.87 *	14.44 *	17.39 *
-55	7.29	14.76	14.90	14.84	14.67	14.45	14.20	13.89	13.55	16.40
-65	4.49	9.12	9.25	9.26	9.15	9.03	8.89	8.72	8.53	10.36
-75	2.31	4.72	4.83	4.85	4.80	4.75	4.68	4.59	4.50	5.47
-85	0.56	1.14	1.17	1.18	1.17	1.16	1.14	1.12	1.11	1.35
-90										
Total	483.28	960.13	944.48	919.60	886.87	848.63	806.65	762.42	716.58	829.80

Vert. Horizontal Angles

Angles	<u>19.5</u>	<u>22.5</u>	<u>25.5</u>	<u>29</u>	<u>33</u>	<u>37.5</u>	<u>42.5</u>	<u>47.5</u>	<u>55</u>	<u>65</u>
90	1.40	1.35	1.52	1.65	1.75	1.79	1.63	2.11	2.16	1.39
85	5.56	5.32	5.88	6.27	6.43	6.36	5.53	6.70	6.17	3.48
75	10.86	10.34	11.36	11.99	12.14	11.79	10.00	11.67	9.95	4.92
65	17.47	16.56	18.08	18.94	19.05	18.33	15.36	17.65	14.60	6.77
55	18.55 *	17.45	18.89	19.60	19.50	18.52	15.30	17.37	14.12	6.35
47.5	15.74 *	14.67 *	15.73 *	16.16 *	15.88	14.89	12.15	13.61	10.91	4.83

IES FLOOD REPORT
PHOTOMETRIC FILENAME : FL4-40L-50-8-N6-U-Y-GM.IES

LUMENS TABULATION - (Cont.)

42.5	19.28 *	17.78 *	18.87 *	19.14 *	18.52 *	17.12 *	13.81	15.26	12.07	5.28
37.5	21.22 *	19.31 *	20.21 *	20.16 *	19.20 *	17.46 *	13.89	15.14	11.80	5.11
33	22.83 *	20.49 *	21.06 *	20.62 *	19.29 *	17.28 *	13.54 *	14.55	11.19	4.80
29	23.67 *	20.96 *	21.20 *	20.39 *	18.75 *	16.52 *	12.76 *	13.54	10.30	4.38
25.5	23.35 *	20.46 *	20.47 *	19.41 *	17.55 *	15.22 *	11.61 *	12.18	9.18	3.88
22.5	26.32 *	22.92 *	22.74 *	21.30 *	18.95 *	16.18 *	12.20 *	12.69 *	9.47	3.98
19.5	24.22 *	21.00 *	20.69 *	19.18 *	16.86 *	14.19 *	10.59 *	10.93 *	8.10	3.38
17	20.85 *	18.03 *	17.68 *	16.27 *	14.16 *	11.80 *	8.74 *	8.96 *	6.60	2.75
15	22.10 *	19.08 *	18.64 *	17.05 *	14.73 *	12.19 *	8.96 *	9.13 *	6.70	2.78
13	23.26 *	20.04 *	19.52 *	17.78 *	15.27 *	12.55 *	9.16 *	9.29 *	6.78	2.81
11	24.31 *	20.92 *	20.33 *	18.47 *	15.78 *	12.85 *	9.33 *	9.42 *	6.85	2.83
9	25.20 *	21.68 *	21.06 *	19.07 *	16.21 *	13.13 *	9.46 *	9.53 *	6.91	2.85
7	25.93 *	22.31 *	21.66 *	19.55 *	16.54 *	13.34 *	9.57 *	9.62 *	6.96	2.87
5	26.47 *	22.78 *	22.11 *	19.91 *	16.78 *	13.48 *	9.66 *	9.69 *	7.01	2.89
3	26.82 *	23.06 *	22.39 *	20.16 *	16.95 *	13.60 *	9.72 *	9.74 *	7.03	2.89
1	13.49 *	11.60 *	11.26 *	10.13 *	8.52 *	6.82 *	4.87 *	4.87 *	3.52	1.45
0	13.52 *	11.62 *	11.28 *	10.15 *	8.53 *	6.83 *	4.88 *	4.88 *	3.52	1.45
-1	26.98 *	23.21 *	22.54 *	20.28 *	17.04 *	13.65 *	9.75 *	9.76 *	7.05	2.90
-3	26.75 *	23.02 *	22.36 *	20.13 *	16.95 *	13.59 *	9.71 *	9.73 *	7.04	2.90
-5	26.30 *	22.65 *	22.00 *	19.85 *	16.76 *	13.47 *	9.65 *	9.68 *	7.00	2.89
-7	25.71 *	22.14 *	21.51 *	19.44 *	16.48 *	13.30 *	9.56 *	9.61 *	6.97	2.87
-9	24.95 *	21.52 *	20.91 *	18.92 *	16.09 *	13.05 *	9.43 *	9.51 *	6.92	2.86
-11	24.02 *	20.74 *	20.19 *	18.31 *	15.63 *	12.77 *	9.28 *	9.39 *	6.86	2.84
-13	22.97 *	19.84 *	19.35 *	17.63 *	15.15 *	12.45 *	9.10 *	9.25 *	6.78	2.81
-15	21.82 *	18.86 *	18.43 *	16.89 *	14.62 *	12.10 *	8.89 *	9.10 *	6.69	2.78
-17	25.53 *	22.12 *	21.68 *	19.97 *	17.45 *	14.59 *	10.81 *	11.13 *	8.23	3.43
-19.5	27.92 *	24.30 *	24.00 *	22.29 *	19.67 *	16.68 *	12.50 *	12.95 *	9.64	4.04
-22.5	24.92 *	21.80 *	21.72 *	20.43 *	18.27 *	15.73 *	11.94 *	12.48 *	9.36	3.95

IES FLOOD REPORT
PHOTOMETRIC FILENAME : FL4-40L-50-8-N6-U-Y-GM.IES

LUMENS TABULATION - (Cont.)

-25.5	25.41 *	22.38 *	22.54 *	21.54 *	19.61 *	17.13 *	13.16 *	13.90	10.53	4.47
-29	24.58 *	21.89 *	22.39 *	21.81 *	20.24 *	17.97 *	13.99 *	14.98	11.47	4.90
-33	22.81 *	20.64 *	21.46 *	21.30 *	20.18 *	18.24 *	14.41 *	15.64	12.13	5.23
-37.5	20.64 *	18.97 *	20.03 *	20.21 *	19.49 *	17.95 *	14.40	15.83	12.45	5.43
-42.5	16.80 *	15.64 *	16.70 *	17.08 *	16.74 *	15.66	12.74	14.19	11.32	4.99
-47.5	19.82 *	18.61 *	20.11	20.81	20.65	19.57	16.15	18.26	14.76	6.60
-55	18.81	17.81	19.43	20.33	20.40	19.58	16.38	18.77	15.44	7.10
-65	11.93	11.36	12.47	13.14	13.28	12.87	10.89	12.66	10.70	5.22
-75	6.32	6.04	6.66	7.08	7.23	7.11	6.14	7.40	6.69	3.67
-85	1.57	1.52	1.69	1.83	1.92	1.96	1.77	2.27	2.28	1.43
-90										
Total	898.99	794.76	800.83	762.61	691.19	601.68	463.35	495.00	382.20	167.41

Vert. Angles	Horizontal Angles			Total
	75	85	90	
90	0.66	0.08		27.49
85	1.45	0.16		100.03
75	1.72	0.17		186.89
65	2.07	0.17		295.12
55	1.80	0.13		308.33
47.5	1.32	0.09		258.12
42.5	1.41	0.09		313.12
37.5	1.34	0.09		342.17
33	1.25	0.08		364.99
29	1.13	0.07		374.77
25.5	0.99	0.06		366.34
22.5	1.01	0.06		409.50
19.5	0.86	0.05		374.33
17	0.69	0.04		321.01
15	0.70	0.04		339.83

IES FLOOD REPORT
PHOTOMETRIC FILENAME : FL4-40L-50-8-N6-U-Y-GM.IES

LUMENS TABULATION - (Cont.)

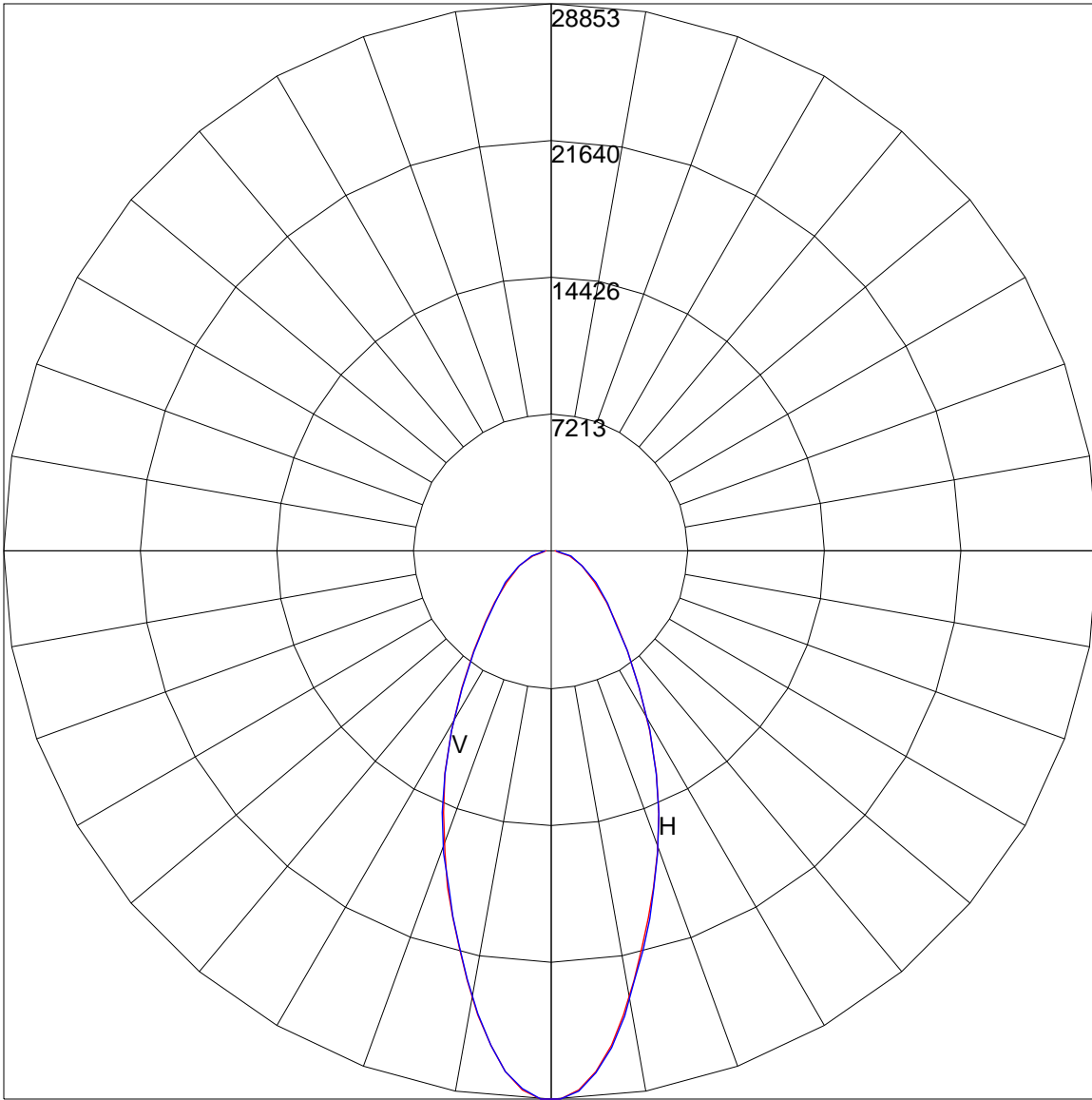
13	0.71	0.04	358.33
11	0.71	0.04	376.29
9	0.72	0.04	393.02
7	0.72	0.04	407.79
5	0.72	0.04	419.42
3	0.72	0.04	427.24
1	0.36	0.02	215.39
0	0.36	0.02	215.82
-1	0.72	0.04	430.18
-3	0.72	0.04	424.64
-5	0.72	0.04	415.14
-7	0.72	0.04	402.19
-9	0.72	0.04	386.85
-11	0.71	0.04	369.94
-13	0.71	0.04	352.10
-15	0.70	0.04	333.81
-17	0.87	0.05	391.15
-19.5	1.02	0.06	430.62
-22.5	1.01	0.06	387.72
-25.5	1.15	0.07	398.62
-29	1.27	0.08	389.30
-33	1.37	0.09	364.92
-37.5	1.45	0.09	332.92
-42.5	1.36	0.09	273.61
-47.5	1.86	0.14	327.07
-55	2.14	0.17	315.32
-65	1.77	0.17	203.27
-75	1.49	0.16	111.49

IES FLOOD REPORT
PHOTOMETRIC FILENAME : FL4-40L-50-8-N6-U-Y-GM.IES

LUMENS TABULATION - (Cont.)

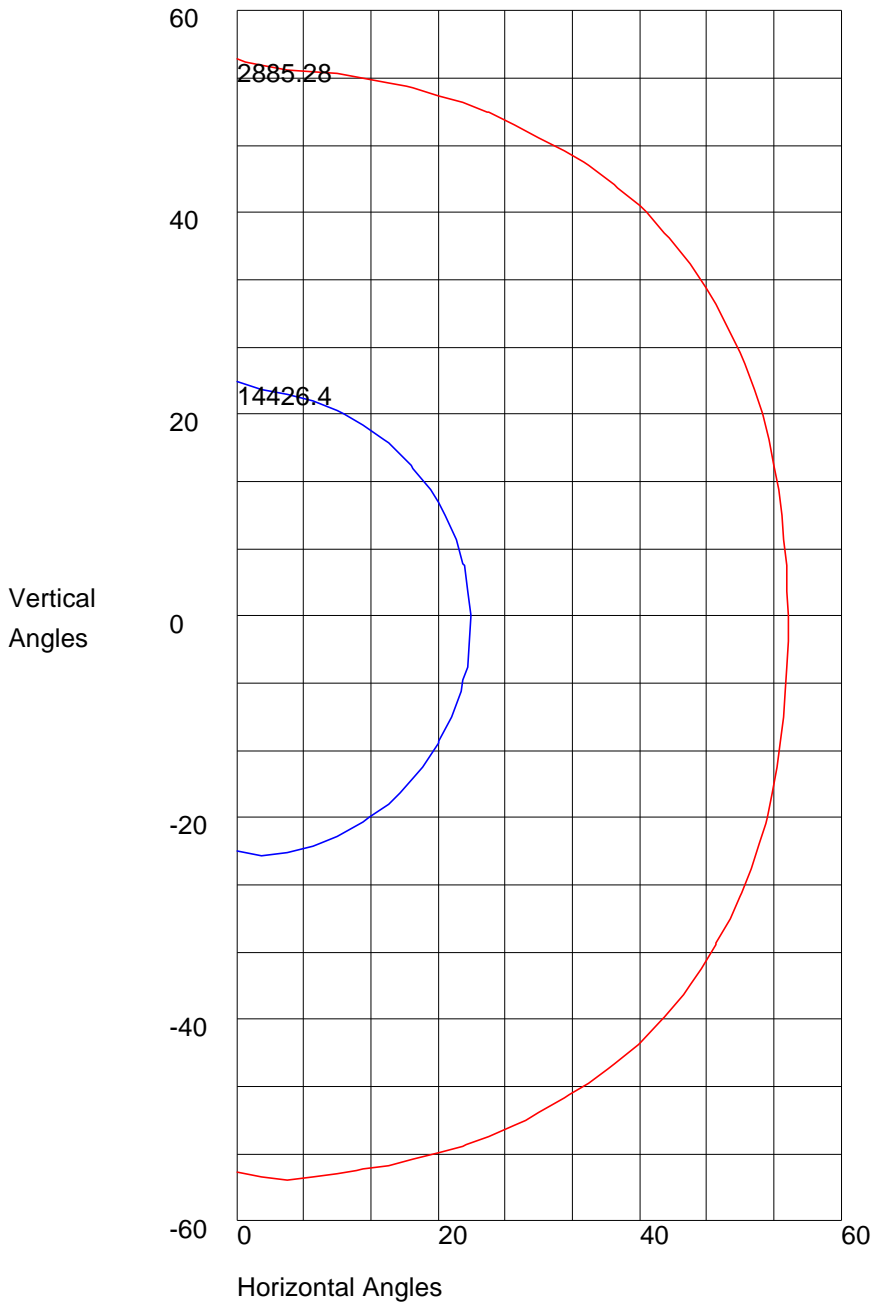
-85	0.67	0.08	30.09
-90			
Total	46.55	3.29	14266.29

AXIAL CANDELA DISPLAY



Maximum Candela = 28852.801 Located At Horizontal Angle = 0, Vertical Angle = 1
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 28852.801 Located At Horizontal Angle = 0, Vertical Angle = 1
50% Maximum Candela = 14426.4005
10% Maximum Candela = 2885.2801