



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

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 1231983
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 4/1/2016
 [MANUFAC] Eye Lighting International of North America
 [LUMCAT] FL4-40L-40-8-N6-U-Y-GM
 [LUMINAIRE] Formed aluminum housing/ heatsink, frosted plastic lens, w
 [MORE] hite plastic reflector
 [LAMP] 10 white LEDs
 [BALLAST] Meanwell HLG-185H-C
 [OTHER] 24.6 C, 120.005 V, 3.22337 A, 384.811 W, 0.994802 PF, 59.9996
 [MORE] 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	29264
Maximum Candela Angle	0H 1V
Horizontal Beam Angle (50%)	46.2
Vertical Beam Angle (50%)	46.6
Horizontal Field Angle (10%)	110.2
Vertical Field Angle (10%)	111.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	10159
Beam Efficiency	N.A.
Field Lumens	24447
Field Efficiency	N.A.
Spill Lumens	4669
Luminaire Lumens	29116
Total Efficiency	N.A.
Total Luminaire Watts	384.811
Ballast Factor	1.00



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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	252.039	90	324.439
85	404	85	480.9
75	1064.9	75	1162.5
65	1879.1	65	1973.8
55	2937.3	55	3007.8
47.5	4059.35	47.5	4113.4
42.5	5130.35	42.5	5193.9
37.5	6668.55	37.5	6738
33	8657	33	8764.9
29	10881.8	29	11098
25.5	13083.6	25.5	13345.25
22.5	15039	22.5	15285.15
19.5	17008.3	19.5	17254.4
17	18715.199	17	18960.4
15	20172	15	20382.6
13	21721.4	13	21910.801
11	23346.6	11	23504.6
9	24983.6	9	25147.199
7	26534.4	7	26673.1
5	27837.6	5	27944.6
3	28748.4	3	28832.6
1	29202.801	1	29264
0	29262.4	0	29262.4
-1	29202.801	-1	29215.9
-3	28748.4	-3	28715.301
-5	27837.6	-5	27772.699
-7	26534.4	-7	26466.5
-9	24983.6	-9	24892
-11	23346.6	-11	23233.699
-13	21721.4	-13	21600.9
-15	20172	-15	20076.9
-17	18715.199	-17	18672.199
-19.5	17008.3	-19.5	17005.451
-22.5	15039	-22.5	15033.35
-25.5	13083.6	-25.5	13090.55
-29	10881.8	-29	10882.7
-33	8657	-33	8643.9
-37.5	6668.55	-37.5	6710.95
-42.5	5130.35	-42.5	5182.25
-47.5	4059.35	-47.5	4128.8
-55	2937.3	-55	3021.2
-65	1879.1	-65	1968.2
-75	1064.9	-75	1156.7
-85	404	-85	466.8
-90	252.039	-90	301.256

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CANDELA TABULATION

Maximum Candela = 29264
 Beam Edge = 14632 Cd (50% of Max.)
 Field Edge = 2926.4 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	251.907	255.412	269.136	284.157	294.479	297.690	298.800	299.359	300.414	302.357
85.0	251.919	261.450	289.407	322.926	356.148	376.972	390.649	403.396	413.548	424.417
75.0	251.943	275.644	366.778	501.448	647.022	752.708	818.035	880.859	934.124	976.794
65.0	251.965	294.499	485.780	750.183	1029.450	1228.605	1352.660	1465.877	1561.787	1641.090
55.0	251.985	317.624	620.642	1014.105	1424.856	1727.142	1921.667	2110.750	2271.375	2405.439
47.5	251.999	336.051	719.988	1207.084	1718.386	2117.383	2389.650	2660.531	2905.572	3111.631 *
42.5	252.007	347.792	782.807	1327.508	1911.434	2388.262	2729.871	3064.730	*3385.743	*3675.010 *
37.5	252.015	359.800	842.332	1439.823	2101.577	2661.887	3071.135	*3512.568	*3940.073	*4360.104 *
33.0	252.020	368.409	890.582	1532.047	2265.904	2907.429	3399.540	*3948.222	*4507.908	*5065.493 *
29.0	252.025	376.510	928.699	1606.389	2401.818	3121.021	*3692.588	*4372.400	*5076.569	*5850.953 *
25.5	252.028	382.796	958.263	1665.501	2510.232	3300.571	*3950.159	*4740.344	*5618.070	*6567.856 *
22.5	252.031	387.568	980.490	1712.226	2595.801	3444.880	*4172.327	*5065.727	*6103.052	*7286.927 *
19.5	252.033	391.757	1000.053	1751.684	2674.360	3579.189	*4363.916	*5385.006	*6593.032	*7953.409 *
17.0	252.035	394.791	1015.264	1781.276	2733.245	3681.550	*4524.609	*5638.503	*6994.245	*8529.507 *
15.0	252.036	396.916	1026.134	1802.108	2775.691	3759.214	*4644.251	*5834.085	*7308.728	*8972.588 *
13.0	252.037	398.768	1035.694	1820.500	2817.211	3829.729	*4770.745	*6028.354	*7607.408	*9397.008 *
11.0	252.038	404.631	1043.928	1836.033	2849.721	3892.300	*4855.862	*6200.870	*7883.426	*9782.936 *
9.0	252.038	404.518	1050.822	1850.067	2878.900	3945.872	*4943.375	*6352.707	*8154.907	*10139.170 *
7.0	252.039	404.403	1056.358	1861.473	2902.052	3990.605	*5014.042	*6492.656	*8322.489	*10423.839 *
5.0	252.039	404.288	1064.873	1870.077	2919.517	4025.206	*5070.145	*6575.524	*8476.110	*10642.354 *
3.0	252.039	404.173	1064.884	1879.100	2937.804	*4047.512	*5108.395	*6641.219	*8579.624	*10799.758 *
1.0	252.039	404.058	1064.895	1879.100	2937.468	*4058.306	*5127.833	*6667.869	*8650.873	*10883.315 *
0.0	252.039	404.000	1064.900	1879.100	2937.300	*4059.350	*5130.350	*6668.550	*8657.000	*10881.800 *
-1.0	252.039	404.000	1065.088	1879.352	2937.510	*4058.205	*5129.260	*6669.965	*8658.447	*10896.299 *
-3.0	252.039	404.236	1065.462	1879.855	2937.930	*4047.214	*5112.352	*6647.445	*8601.548	*10835.719 *
-5.0	252.039	404.393	1065.836	1871.291	2919.747	4024.722	*5076.199	*6587.860	*8501.752	*10675.769 *
-7.0	252.038	404.550	1057.679	1863.112	2902.403	3993.786	*5024.289	*6512.027	*8351.712	*10456.561 *
-9.0	252.037	404.706	1052.495	1852.073	2880.748	3953.965	*4959.025	*6377.265	*8187.055	*10175.664 *
-11.0	252.036	404.861	1045.937	1838.149	2853.317	3904.297	*4877.912	*6233.267	*7920.747	*9816.991 *
-13.0	252.036	399.013	1038.015	1822.574	2822.690	3844.585	*4798.472	*6066.137	*7651.028	*9438.058 *
-15.0	252.034	397.188	1028.741	1804.012	2782.455	3777.439	*4674.249	*5873.369	*7351.631	*9014.036 *
-17.0	252.033	395.085	1018.129	1782.957	2740.356	3702.488	*4555.138	*5675.213	*7036.053	*8566.030 *
-19.5	252.031	392.072	1003.111	1753.042	2681.788	3597.465	*4393.977	*5416.066	*6631.142	*7987.168 *
-22.5	252.028	387.897	983.122	1713.198	2602.400	3460.112	*4195.387	*5089.828	*6136.126	*7323.088 *
-25.5	252.025	383.124	960.324	1666.505	2516.382	3315.085	*3967.782	*4760.739	*5649.808	*6607.465 *
-29.0	252.022	376.818	930.031	1607.743	2404.845	3137.137	*3709.229	*4394.906	*5112.253	*5895.258 *
-33.0	252.017	368.667	891.513	1533.463	2268.489	2922.101	3413.715	*3970.039	*4544.678	*5110.969 *
-37.5	252.010	359.983	843.149	1441.363	2108.619	2676.049	3086.738	*3536.600	*3968.796	*4392.155 *
-42.5	252.003	347.760	784.473	1328.651	1921.554	2402.999	2745.400	3092.366	*3413.105	*3703.373 *
-47.5	251.994	335.766	722.054	1209.116	1728.775	2129.946	2403.878	2680.716	2928.797	*3140.031 *
-55.0	251.980	316.946	623.804	1020.332	1434.813	1737.099	1936.661	2127.393	2294.265	2435.001
-65.0	251.959	293.612	489.179	755.365	1035.450	1237.936	1362.919	1480.478	1577.322	1658.492
-75.0	251.936	274.200	367.344	502.691	651.143	757.561	825.701	891.467	944.899	990.822
-85.0	251.912	259.743	286.180	318.643	350.197	372.644	384.703	397.644	408.045	419.007
-90.0	251.900	253.712	265.636	277.860	284.683	286.398	286.159	285.568	285.605	286.553

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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	304.954	307.727	310.599	312.952	314.833	316.515	318.196	319.557	320.597	321.638
85.0	432.913	440.211	447.300	453.588	458.361	462.787	471.268	473.064	474.027	475.000
75.0	1012.700	1040.358	1065.583	1084.890	1098.965	1112.392	1124.601	1134.663	1141.994	1152.542
65.0	1705.734	1759.110	1804.669	1839.515	1865.089	1888.387	1908.697	1926.262	1939.411	1949.726
55.0	2520.143	2614.341	2701.828	2767.630	2815.111	2860.539	2895.957	2927.936	*2953.698	*2973.702 *
47.5	3290.300	*3440.816	*3579.822	*3691.096	*3774.399	*3849.157	*3917.244	*3975.872	*4023.567	*4057.004 *
42.5	3927.042	*4151.058	*4349.065	*4519.607	*4645.517	*4778.833	*4875.312	*4969.759	*5046.100	*5107.328 *
37.5	4723.507	*5042.766	*5374.265	*5641.193	*5840.037	*6031.004	*6209.040	*6369.264	*6517.913	*6602.138 *
33.0	5605.134	*6093.326	*6601.047	*7018.255	*7346.011	*7647.427	*7920.409	*8196.935	*8372.538	*8536.967 *
29.0	6560.074	*7287.963	*7976.770	*8579.303	*9051.475	*9494.085	*9883.650	*10227.265	*10513.482	*10745.302 *
25.5	7528.670	*8432.281	*9387.133	*10163.389	*10787.654	*11363.385	*11864.827	*12284.429	*12654.084	*12921.821 *
22.5	8422.343	*9526.925	*10674.625	*11607.235	*12317.348	*12989.938	*13584.052	*14089.618	*14507.303	*14841.870 *
19.5	9343.863	*10652.325	*11982.770	*13049.413	*13841.647	*14570.320	*15261.104	*15847.441	*16326.003	*16705.079 *
17.0	10101.301	*11561.993	*13023.591	*14197.316	*15069.163	*15875.578	*16609.398	*17303.507	*17866.098	*18315.098 *
15.0	10678.162	*12234.495	*13800.945	*15056.661	*16059.942	*16890.586	*17693.765	*18457.466	*19131.473	*19647.236 *
13.0	11220.398	*12861.320	*14515.818	*15839.622	*16882.533	*17863.408	*18780.988	*19614.063	*20403.388	*21047.537 *
11.0	11711.006	*13432.721	*15168.680	*16575.747	*17683.857	*18778.674	*19847.836	*20818.321	*21718.868	*22551.555 *
9.0	12146.547	*13950.800	*15739.560	*17230.066	*18410.129	*19611.333	*20811.333	*21989.759	*23039.170	*23931.448 *
7.0	12510.978	*14367.803	*16230.341	*17788.147	*19058.101	*20368.566	*21715.217	*23026.051	*24287.258	*25312.174 *
5.0	12768.374	*14684.533	*16589.604	*18219.948	*19586.350	*21003.415	*22505.461	*23939.975	*25324.809	*26568.451 *
3.0	12970.510	*14889.321	*16839.617	*18507.679	*19926.502	*21429.557	*22994.516	*24564.674	*26067.390	*27349.810 *
1.0	13071.468	*15015.747	*16988.427	*18716.114	*20168.870	*21704.108	*23327.430	*24976.840	*26526.870	*27815.263 *
0.0	13083.600	*15039.000	*17008.300	*18715.199	*20172.000	*21721.400	*23346.600	*24983.600	*26534.400	*27837.600 *
-1.0	13080.834	*15027.925	*17010.149	*18737.351	*20182.955	*21726.414	*23352.411	*24988.667	*26524.499	*27816.916 *
-3.0	12999.317	*14923.884	*16886.915	*18563.074	*19963.132	*21443.994	*23000.943	*24583.394	*26078.374	*27332.321 *
-5.0	12809.310	*14722.503	*16620.323	*18239.516	*19590.669	*21025.161	*22539.925	*23925.593	*25336.818	*26579.373 *
-7.0	12534.903	*14385.027	*16241.866	*17811.829	*19131.056	*20425.429	*21738.699	*23063.903	*24322.382	*25308.030 *
-9.0	12169.121	*13975.867	*15787.629	*17288.634	*18479.080	*19659.524	*20851.270	*22022.460	*23061.209	*23937.145 *
-11.0	11744.797	*13490.641	*15215.458	*16631.671	*17733.493	*18809.188	*19869.105	*20862.052	*21754.014	*22542.206 *
-13.0	11275.237	*12921.249	*14566.394	*15895.698	*16915.001	*17908.105	*18823.512	*19686.633	*20414.532	*21047.818 *
-15.0	10732.180	*12293.594	*13851.391	*15093.177	*16108.958	*16932.931	*17759.214	*18500.418	*19124.226	*19652.827 *
-17.0	10151.037	*11612.900	*13063.766	*14239.261	*15121.637	*15931.582	*16675.902	*17325.707	*17869.999	*18307.001 *
-19.5	9394.389	*10698.177	*12026.266	*13102.643	*13908.665	*14644.945	*15288.523	*15851.874	*16320.718	*16698.984 *
-22.5	8476.613	*9582.704	*10721.151	*11667.000	*12389.020	*13034.179	*13589.957	*14083.067	*14488.960	*14811.149 *
-25.5	7573.283	*8475.472	*9421.794	*10222.920	*10837.366	*11387.063	*11860.529	*12285.486	*12633.744	*12917.959 *
-29.0	6601.130	*7333.202	*8023.261	*8628.661	*9093.911	*9510.110	*9892.253	*10234.697	*10521.870	*10751.596 *
-33.0	5637.324	*6129.295	*6643.028	*7068.494	*7374.140	*7671.515	*7951.422	*8218.927	*8391.380	*8549.096 *
-37.5	4753.715	*5084.741	*5420.988	*5688.060	*5887.084	*6076.589	*6251.475	*6407.150	*6561.257	*6646.314 *
-42.5	3959.942	*4193.032	*4393.200	*4563.743	*4694.735	*4827.887	*4917.509	*5008.701	*5082.097	*5147.357 *
-47.5	3321.697	*3475.294	*3617.891	*3730.698	*3815.355	*3890.059	*3957.258	*4018.008	*4068.133	*4103.588 *
-55.0	2550.433	2641.758	2730.167	2801.958	2850.481	2895.575	2931.115	*2963.309	*2989.342	*3009.508 *
-65.0	1721.778	1772.974	1822.873	1860.230	1886.315	1909.984	1930.578	1948.129	1960.671	1970.286
-75.0	1025.153	1053.309	1080.477	1101.011	1116.079	1128.775	1139.781	1148.981	1155.870	1165.802
-85.0	428.307	436.329	443.822	449.806	454.302	458.354	466.801	468.457	469.822	471.187
-90.0	288.374	290.637	292.940	294.442	295.644	296.889	298.134	299.297	300.378	301.458

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	322.758	323.879	324.439	323.879	322.758	321.638	320.597	319.557	318.196	316.515
85.0	477.347	479.716	480.900	479.716	477.347	475.000	474.027	473.064	471.268	462.787
75.0	1156.413	1160.471	1162.500	1160.471	1156.413	1152.542	1141.994	1134.663	1124.601	1112.392
65.0	1964.070	1970.556	1973.800	1970.556	1964.070	1949.726	1939.411	1926.262	1908.697	1888.387

CANDELA TABULATION - (Cont.)

55.0	2997.330	*3004.309	*3007.800	*3004.309	*2997.330	*2973.702	*2953.698	*2927.936	*2895.957	2860.539
47.5	4083.549	*4106.346	*4113.400	*4106.346	*4083.549	*4057.004	*4023.567	*3975.872	*3917.244	*3849.157 *
42.5	5152.072	*5184.819	*5193.900	*5184.819	*5152.072	*5107.328	*5046.100	*4969.759	*4875.312	*4778.833 *
37.5	6670.212	*6723.819	*6738.000	*6723.819	*6670.212	*6602.138	*6517.913	*6369.264	*6209.040	*6031.004 *
33.0	8650.670	*8745.332	*8764.900	*8745.332	*8650.670	*8536.967	*8372.538	*8196.935	*7920.409	*7647.427 *
29.0	10915.021	*11060.266	*11098.000	*11060.266	*10915.021	*10745.302	*10513.482	*10227.265	*9883.650	*9494.085 *
25.5	13125.543	*13286.992	*13345.250	*13286.992	*13125.543	*12921.821	*12654.084	*12284.429	*11864.827	*11363.385 *
22.5	15055.492	*15227.220	*15285.150	*15227.220	*15055.492	*14841.870	*14507.303	*14089.618	*13584.052	*12989.938 *
19.5	16983.875	*17174.494	*17254.400	*17174.494	*16983.875	*16705.079	*16326.003	*15847.441	*15261.104	*14570.320 *
17.0	18636.944	*18865.897	*18960.400	*18865.897	*18636.944	*18315.098	*17866.098	*17303.507	*16609.398	*15875.578 *
15.0	20026.794	*20280.897	*20382.600	*20280.897	*20026.794	*19647.236	*19131.473	*18457.466	*17693.765	*16890.586 *
13.0	21517.459	*21804.667	*21910.801	*21804.667	*21517.459	*21047.536	*20403.388	*19614.064	*18780.988	*17863.408 *
11.0	23064.821	*23401.496	*23504.600	*23401.496	*23064.821	*22551.555	*21718.868	*20818.321	*19847.836	*18778.674 *
9.0	24620.915	*25030.299	*25147.199	*25030.299	*24620.915	*23931.448	*23039.170	*21989.759	*20811.333	*19611.827 *
7.0	26084.571	*26570.594	*26673.100	*26570.594	*26084.571	*25312.174	*24287.258	*23026.051	*21715.217	*20368.566 *
5.0	27325.542	*27852.740	*27944.600	*27852.740	*27325.542	*26568.451	*25324.809	*23939.975	*22505.461	*21003.415 *
3.0	28239.341	*28688.724	*28832.600	*28688.724	*28239.341	*27349.810	*26067.390	*24564.674	*22994.516	*21429.557 *
1.0	28662.895	*29152.925	*29264.000	*29152.925	*28662.895	*27815.263	*26526.870	*24976.840	*23327.430	*21704.108 *
0.0	28748.400	*29202.801	*29262.400	*29202.801	*28748.400	*27837.600	*26534.400	*24983.600	*23346.600	*21721.400 *
-1.0	28664.287	*29161.503	*29215.900	*29161.503	*28664.287	*27816.917	*26524.499	*24988.667	*23352.411	*21726.414 *
-3.0	28256.616	*28681.997	*28715.301	*28681.997	*28256.616	*27332.321	*26078.374	*24583.394	*23000.943	*21443.994 *
-5.0	27330.662	*27831.734	*27772.699	*27831.734	*27330.662	*26579.373	*25336.818	*23925.593	*22539.925	*21025.161 *
-7.0	26084.101	*26530.603	*26466.500	*26530.603	*26084.101	*25308.030	*24322.382	*23063.903	*21738.699	*20425.429 *
-9.0	24599.069	*24970.981	*24892.000	*24970.981	*24599.069	*23937.145	*23061.209	*22022.460	*20851.270	*19659.524 *
-11.0	23040.309	*23340.128	*23233.699	*23340.128	*23040.309	*22542.206	*21754.014	*20862.052	*19869.105	*18809.188 *
-13.0	21481.340	*21718.657	*21600.900	*21718.657	*21481.340	*21047.818	*20414.532	*19686.633	*18823.512	*17908.105 *
-15.0	20005.955	*20180.225	*20076.900	*20180.225	*20005.955	*19652.827	*19124.226	*18500.418	*17759.214	*16932.931 *
-17.0	18619.944	*18742.309	*18672.199	*18742.309	*18619.944	*18307.001	*17869.999	*17325.707	*16675.902	*15931.582 *
-19.5	16944.554	*17037.412	*17005.451	*17037.412	*16944.554	*16698.984	*16320.718	*15851.874	*15288.523	*14644.945 *
-22.5	15006.768	*15068.888	*15033.350	*15068.888	*15006.768	*14811.149	*14488.960	*14083.067	*13589.957	*13034.179 *
-25.5	13095.328	*13126.772	*13090.550	*13126.772	*13095.328	*12917.959	*12633.744	*12285.486	*11860.529	*11387.063 *
-29.0	10896.329	*10922.496	*10882.700	*10922.496	*10896.329	*10751.596	*10521.870	*10234.697	*9892.253	*9510.110 *
-33.0	8660.844	*8672.426	*8643.900	*8672.426	*8660.844	*8549.096	*8391.380	*8218.927	*7951.422	*7671.515 *
-37.5	6710.137	*6718.990	*6710.950	*6718.990	*6710.137	*6646.314	*6561.257	*6407.150	*6251.475	*6076.589 *
-42.5	5189.071	*5189.361	*5182.250	*5189.361	*5189.071	*5147.357	*5082.097	*5008.701	*4917.509	*4827.887 *
-47.5	4125.223	*4130.503	*4128.800	*4130.503	*4125.223	*4103.588	*4068.133	*4018.008	*3957.258	*3890.059 *
-55.0	3026.984	*3023.129	*3021.200	*3023.129	*3026.984	*3009.508	*2989.342	*2963.309	*2931.115	*2895.575
-65.0	1975.679	1970.694	1968.200	1970.694	1975.679	1970.286	1960.671	1948.129	1930.578	1909.984
-75.0	1162.414	1158.605	1156.700	1158.605	1162.414	1165.802	1155.870	1148.981	1139.781	1128.775
-85.0	469.450	467.683	466.800	467.683	469.450	471.187	469.822	468.457	466.801	458.354
-90.0	301.378	301.297	301.256	301.297	301.378	301.458	300.378	299.297	298.134	296.889

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	314.833	312.952	310.599	307.727	304.954	302.357	300.414	299.359	298.800	297.690
85.0	458.361	453.588	447.300	440.211	432.913	424.417	413.548	403.396	390.649	376.972
75.0	1098.965	1084.890	1065.583	1040.358	1012.700	976.794	934.124	880.859	818.035	752.708
65.0	1865.089	1839.515	1804.669	1759.110	1705.734	1641.090	1561.787	1465.877	1352.660	1228.605
55.0	2815.111	2767.630	2701.828	2614.341	2520.143	2405.439	2271.375	2110.750	1921.667	1727.142
47.5	3774.399	*3691.096	*3579.822	*3440.816	*3290.300	*3111.631	*2905.572	2660.531	2389.650	2117.383
42.5	4645.517	*4519.607	*4349.065	*4151.058	*3927.042	*3675.010	*3385.743	*3064.730	*2729.871	2388.262
37.5	5840.037	*5641.193	*5374.265	*5042.766	*4723.507	*4360.104	*3940.073	*3512.568	*3071.135	*2661.887
33.0	7346.011	*7018.255	*6601.047	*6093.326	*5605.134	*5065.493	*4507.908	*3948.222	*3399.540	*2907.429
29.0	9051.475	*8579.303	*7976.770	*7287.963	*6560.074	*5850.953	*5076.569	*4372.400	*3692.588	*3121.021 *
25.5	10787.654	*10163.389	*9387.133	*8432.281	*7528.670	*6567.856	*5618.070	*4740.344	*3950.159	*3300.571 *

CANDELA TABULATION - (Cont.)

22.5	12317.348	1607.235	10674.625	9526.925	8422.343	7286.927	6103.052	5065.727	4172.327	3444.880	*
19.5	13841.647	3049.413	1982.770	10652.325	9343.863	7953.409	6593.032	5385.006	4363.916	3579.189	*
17.0	15069.163	4197.316	3023.591	1561.993	10101.301	8529.507	6994.245	5638.503	4524.609	3681.550	*
15.0	16059.942	5056.661	3800.945	12234.494	10678.162	8972.588	7308.728	5834.085	4644.251	3759.214	*
13.0	16882.533	5839.622	4515.818	12861.320	11220.398	9397.008	7607.408	6028.354	4770.745	3829.729	*
11.0	17683.857	6575.747	5168.680	3432.721	11711.006	9782.936	7883.426	6200.870	4855.862	3892.300	*
9.0	18410.128	7230.066	5739.560	3950.800	12146.547	10139.169	8154.907	6352.707	4943.375	3945.872	*
7.0	19058.101	7788.147	6230.341	4367.803	12510.978	10423.839	8322.489	6492.656	5014.042	3990.605	*
5.0	19586.350	8219.948	6589.604	4684.533	12768.373	10642.354	8476.110	6575.524	5070.145	4025.206	*
3.0	19926.502	8507.679	6839.617	4889.321	12970.510	10799.758	8579.624	6641.219	5108.395	4047.512	*
1.0	20168.870	8716.114	6988.427	5015.747	13071.468	10883.315	8650.873	6667.869	5127.833	4058.306	*
0.0	20172.000	8715.199	7008.300	5039.000	13083.600	10881.800	8657.000	6668.550	5130.350	4059.350	*
-1.0	20182.955	8737.351	7010.149	5027.925	13080.834	10896.299	8658.447	6669.965	5129.260	4058.205	*
-3.0	19963.132	8563.074	6886.915	4923.884	12999.317	10835.719	8601.548	6647.445	5112.352	4047.214	*
-5.0	19590.669	8239.516	6620.323	4722.503	12809.310	10675.769	8501.752	6587.860	5076.199	4024.722	*
-7.0	19131.056	7811.829	6241.866	4385.027	12534.903	10456.561	8351.711	6512.027	5024.289	3993.786	*
-9.0	18479.080	7288.634	5787.629	3975.867	12169.121	10175.664	8187.055	6377.265	4959.025	3953.965	*
-11.0	17733.493	6631.671	5215.458	3490.641	11744.797	9816.991	7920.747	6233.267	4877.912	3904.297	*
-13.0	16915.001	5895.698	4566.394	2921.249	11275.237	9438.058	7651.028	6066.137	4798.472	3844.585	*
-15.0	16108.958	5093.177	3851.391	2293.594	10732.180	9014.036	7351.631	5873.369	4674.249	3777.439	*
-17.0	15121.637	4239.261	3063.766	1612.900	10151.037	8566.030	7036.053	5675.213	4555.138	3702.488	*
-19.5	13908.665	3102.643	2026.266	10698.177	9394.389	7987.168	6631.142	5416.066	4393.977	3597.465	*
-22.5	12389.020	1667.000	10721.151	9582.704	8476.613	7323.088	6136.126	5089.828	4195.387	3460.112	*
-25.5	10837.366	1022.920	9421.794	8475.472	7573.283	6607.465	5649.808	4760.739	3967.782	3315.085	*
-29.0	9093.911	8628.661	8023.261	7333.202	6601.130	5895.258	5112.253	4394.906	3709.229	3137.137	*
-33.0	7374.140	7068.494	6643.028	6129.295	5637.324	5110.969	4544.678	3970.039	3413.715	2922.101	
-37.5	5887.084	5688.060	5420.988	5084.741	4753.715	4392.155	3968.796	3536.600	3086.738	2676.049	
-42.5	4694.735	4563.743	4393.200	4193.032	3959.942	3703.373	3413.105	3092.366	2745.400	2402.999	
-47.5	3815.355	3730.698	3617.891	3475.294	3321.697	3140.031	2928.797	2680.716	2403.878	2129.946	
-55.0	2850.481	2801.958	2730.167	2641.758	2550.433	2435.001	2294.265	2127.393	1936.661	1737.099	
-65.0	1886.315	1860.230	1822.873	1772.974	1721.778	1658.492	1577.322	1480.478	1362.919	1237.936	
-75.0	1116.079	1101.011	1080.477	1053.309	1025.153	990.822	944.899	891.467	825.701	757.561	
-85.0	454.302	449.806	443.822	436.329	428.307	419.007	408.045	397.644	384.703	372.644	
-90.0	295.644	294.442	292.940	290.637	288.374	286.553	285.605	285.568	286.159	286.398	

Vert. Angles Horizontal Angles

	55.0	65.0	75.0	85.0	90.0
90.0	294.479	284.157	269.136	255.412	251.907
85.0	356.148	322.926	289.407	261.450	251.919
75.0	647.022	501.448	366.778	275.644	251.943
65.0	1029.450	750.183	485.780	294.499	251.965
55.0	1424.856	1014.105	620.642	317.624	251.985
47.5	1718.386	1207.084	719.988	336.051	251.999
42.5	1911.434	1327.508	782.807	347.792	252.007
37.5	2101.577	1439.823	842.332	359.800	252.015
33.0	2265.904	1532.047	890.582	368.409	252.020
29.0	2401.818	1606.389	928.699	376.510	252.025
25.5	2510.232	1665.501	958.263	382.796	252.028
22.5	2595.801	1712.226	980.490	387.568	252.031
19.5	2674.360	1751.684	1000.053	391.757	252.033
17.0	2733.245	1781.276	1015.264	394.791	252.035
15.0	2775.691	1802.108	1026.134	396.916	252.036
13.0	2817.211	1820.500	1035.694	398.768	252.037
11.0	2849.721	1836.033	1043.928	404.631	252.038
9.0	2878.900	1850.067	1050.822	404.518	252.038

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

CANDELA TABULATION - (Cont.)

7.0	2902.052	1861.473	1056.358	404.403	252.039
5.0	2919.517	1870.077	1064.873	404.288	252.039
3.0	2937.804	*1879.100	1064.884	404.173	252.039
1.0	2937.468	*1879.100	1064.895	404.058	252.039
0.0	2937.300	*1879.100	1064.900	404.000	252.039
-1.0	2937.510	*1879.352	1065.088	404.000	252.039
-3.0	2937.930	*1879.855	1065.462	404.236	252.039
-5.0	2919.747	1871.291	1065.836	404.393	252.039
-7.0	2902.403	1863.112	1057.679	404.550	252.038
-9.0	2880.748	1852.073	1052.495	404.706	252.037
-11.0	2853.317	1838.149	1045.937	404.861	252.036
-13.0	2822.690	1822.574	1038.015	399.013	252.036
-15.0	2782.455	1804.012	1028.741	397.188	252.034
-17.0	2740.356	1782.957	1018.129	395.085	252.033
-19.5	2681.788	1753.042	1003.111	392.072	252.031
-22.5	2602.400	1713.198	983.122	387.897	252.028
-25.5	2516.382	1666.505	960.324	383.124	252.025
-29.0	2404.845	1607.743	930.031	376.818	252.022
-33.0	2268.489	1533.463	891.513	368.667	252.017
-37.5	2108.619	1441.363	843.149	359.983	252.010
-42.5	1921.554	1328.651	784.473	347.760	252.003
-47.5	1728.775	1209.116	722.054	335.766	251.994
-55.0	1434.813	1020.332	623.804	316.946	251.980
-65.0	1035.450	755.365	489.179	293.612	251.959
-75.0	651.143	502.691	367.344	274.200	251.936
-85.0	350.197	318.643	286.180	259.743	251.912
-90.0	284.683	277.860	265.636	253.712	251.900

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

LUMEN TABULATION

Average Of Right And Left Sides
 Total Luminaire Lumens (one side of beam only) = 14558.24
 Total Field Lumens (one side of beam only) = 12223.65
 * 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	0.61	1.22	1.21	1.21	1.20	1.19	1.17	1.15	1.13	1.38
85	2.50	4.98	4.95	4.91	4.86	4.80	4.72	4.63	4.53	5.52
75	4.77	9.52	9.45	9.37	9.26	9.14	8.99	8.81	8.62	10.48
65	7.58	15.12	15.02	14.87	14.70	14.49	14.23	13.93	13.60	16.48
55	8.13 *	16.20 *	16.08 *	15.91 *	15.70 *	15.43 *	15.11 *	14.74 *	14.33 *	17.28 *
47.5	7.08 *	14.10 *	13.98 *	13.81 *	13.59 *	13.30 *	12.98 *	12.60 *	12.17 *	14.59 *
42.5	9.08 *	18.06 *	17.88 *	17.63 *	17.27 *	16.82 *	16.31 *	15.73 *	15.11 *	17.97 *
37.5	10.61 *	21.09 *	20.83 *	20.47 *	19.99 *	19.37 *	18.64 *	17.86 *	17.03 *	20.04 *
33	12.08 *	23.97 *	23.61 *	23.12 *	22.51 *	21.74 *	20.82 *	19.83 *	18.74 *	21.82 *
29	13.00 *	25.78 *	25.37 *	24.83 *	24.11 *	23.23 *	22.21 *	21.05 *	19.77 *	22.85 *
25.5	13.05 *	25.89 *	25.50 *	24.96 *	24.22 *	23.32 *	22.26 *	21.04 *	19.71 *	22.69 *
22.5	14.84 *	29.43 *	28.98 *	28.35 *	27.50 *	26.45 *	25.21 *	23.82 *	22.32 *	25.66 *
19.5	13.76 *	27.27 *	26.83 *	26.21 *	25.39 *	24.38 *	23.21 *	21.93 *	20.55 *	23.62 *
17	11.95 *	23.69 *	23.28 *	22.71 *	21.95 *	21.02 *	19.98 *	18.88 *	17.68 *	20.28 *
15	12.85 *	25.46 *	24.99 *	24.30 *	23.41 *	22.36 *	21.22 *	20.01 *	18.69 *	21.41 *
13	13.80 *	27.33 *	26.79 *	25.97 *	24.90 *	23.72 *	22.43 *	21.05 *	19.61 *	22.45 *
11	14.79 *	29.26 *	28.61 *	27.64 *	26.41 *	25.04 *	23.55 *	22.01 *	20.47 *	23.40 *
9	15.75 *	31.14 *	30.37 *	29.25 *	27.85 *	26.26 *	24.58 *	22.89 *	21.22 *	24.22 *
7	16.61 *	32.83 *	31.99 *	30.75 *	29.13 *	27.35 *	25.50 *	23.65 *	21.86 *	24.89 *
5	17.26 *	34.13 *	33.27 *	31.90 *	30.13 *	28.20 *	26.20 *	24.22 *	22.32 *	25.37 *
3	17.66 *	34.93 *	34.05 *	32.64 *	30.81 *	28.76 *	26.65 *	24.60 *	22.64 *	25.69 *
1	8.90 *	17.62 *	17.18 *	16.47 *	15.54 *	14.49 *	13.42 *	12.38 *	11.39 *	12.91 *
0	8.90 *	17.62 *	17.18 *	16.47 *	15.54 *	14.50 *	13.43 *	12.38 *	11.39 *	12.92 *
-1	17.63 *	34.94 *	34.05 *	32.64 *	30.82 *	28.78 *	26.67 *	24.62 *	22.68 *	25.74 *
-3	17.21 *	34.13 *	33.27 *	31.91 *	30.14 *	28.21 *	26.22 *	24.24 *	22.36 *	25.42 *

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

LUMENS TABULATION - (Cont.)

-5	16.54 *	32.81 *	32.00 *	30.76 *	29.15 *	27.38 *	25.54 *	23.70 *	21.89 *	24.92 *
-7	15.67 *	31.11 *	30.36 *	29.27 *	27.89 *	26.30 *	24.63 *	22.96 *	21.29 *	24.27 *
-9	14.69 *	29.21 *	28.60 *	27.66 *	26.45 *	25.08 *	23.59 *	22.07 *	20.54 *	23.48 *
-11	13.69 *	27.27 *	26.77 *	25.98 *	24.95 *	23.77 *	22.47 *	21.09 *	19.67 *	22.53 *
-13	12.73 *	25.38 *	24.97 *	24.31 *	23.45 *	22.43 *	21.28 *	20.06 *	18.74 *	21.48 *
-15	11.83 *	23.61 *	23.27 *	22.71 *	21.97 *	21.08 *	20.05 *	18.94 *	17.73 *	20.34 *
-17	13.60 *	27.15 *	26.80 *	26.20 *	25.40 *	24.43 *	23.29 *	22.02 *	20.63 *	23.70 *
-19.5	14.65 *	29.25 *	28.93 *	28.32 *	27.48 *	26.46 *	25.28 *	23.93 *	22.43 *	25.77 *
-22.5	12.87 *	25.71 *	25.45 *	24.92 *	24.20 *	23.32 *	22.29 *	21.12 *	19.82 *	22.80 *
-25.5	12.80 *	25.59 *	25.34 *	24.82 *	24.11 *	23.24 *	22.24 *	21.12 *	19.87 *	22.97 *
-29	11.92 *	23.84 *	23.61 *	23.15 *	22.54 *	21.78 *	20.87 *	19.89 *	18.84 *	21.96 *
-33	10.54 *	21.07 *	20.90 *	20.55 *	20.07 *	19.46 *	18.74 *	17.96 *	17.14 *	20.19 *
-37.5	9.06 *	18.12 *	18.00 *	17.75 *	17.39 *	16.94 *	16.44 *	15.88 *	15.25 *	18.14 *
-42.5	7.09 *	14.18 *	14.10 *	13.94 *	13.71 *	13.42 *	13.10 *	12.73 *	12.30 *	14.74 *
-47.5	8.17 *	16.33 *	16.25 *	16.10 *	15.88 *	15.60 *	15.28 *	14.91 *	14.49 *	17.47 *
-55	7.60	15.22	15.17	15.04	14.87	14.66	14.40	14.10	13.76	16.66
-65	4.76	9.54	9.53	9.47	9.37	9.25	9.10	8.93	8.73	10.60
-75	2.47	4.96	4.97	4.94	4.89	4.84	4.76	4.67	4.57	5.56
-85	0.59	1.17	1.17	1.17	1.16	1.15	1.13	1.11	1.09	1.34
-90										
Total	491.68	977.20	960.94	935.34	901.88	862.91	820.22	775.25	728.70	844.00

Vert. Horizontal Angles

Angles	19.5	22.5	25.5	29	33	37.5	42.5	47.5	55	65
90	1.61	1.55	1.74	1.88	1.98	2.03	1.84	2.37	2.39	1.52
85	6.38	6.11	6.74	7.18	7.36	7.27	6.29	7.62	6.95	3.85
75	12.09	11.52	12.64	13.35	13.55	13.17	11.18	13.07	11.14	5.47
65	18.94	17.95	19.60	20.57	20.73	19.98	16.77	19.33	16.04	7.47
55	19.73 *	18.57 *	20.13	20.94	20.88	19.86	16.46	18.72	15.30	6.95
47.5	16.55 *	15.45 *	16.59 *	17.07 *	16.81 *	15.81	12.95	14.53	11.72	5.25

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

LUMENS TABULATION - (Cont.)

42.5	20.17 *	18.62 *	19.77 *	20.05 *	19.45 *	18.05 *	14.60	16.19	12.89	5.71
37.5	22.18 *	20.16 *	21.06 *	21.00 *	20.03 *	18.28 *	14.58 *	15.97	12.56	5.51
33	23.85 *	21.32 *	21.87 *	21.41 *	20.04 *	17.98 *	14.13 *	15.28	11.87	5.16
29	24.69 *	21.77 *	21.98 *	21.12 *	19.40 *	17.10 *	13.25 *	14.17	10.89	4.70
25.5	24.33 *	21.23 *	21.18 *	20.03 *	18.07 *	15.68 *	12.01 *	12.70 *	9.68	4.15
22.5	27.41 *	23.76 *	23.46 *	21.88 *	19.43 *	16.61 *	12.56 *	13.18 *	9.96	4.25
19.5	25.18 *	21.73 *	21.28 *	19.62 *	17.21 *	14.52 *	10.87 *	11.31 *	8.50	3.61
17	21.59 *	18.60 *	18.14 *	16.61 *	14.42 *	12.04 *	8.94 *	9.25 *	6.92	2.93
15	22.78 *	19.61 *	19.08 *	17.38 *	14.98 *	12.41 *	9.15 *	9.42 *	7.01	2.96
13	23.88 *	20.55 *	19.95 *	18.10 *	15.51 *	12.75 *	9.34 *	9.57 *	7.09	2.98
11	24.86 *	21.39 *	20.74 *	18.78 *	16.00 *	13.04 *	9.49 *	9.69 *	7.16	3.01
9	25.71 *	22.11 *	21.43 *	19.34 *	16.41 *	13.30 *	9.63 *	9.80 *	7.22	3.03
7	26.39 *	22.68 *	21.96 *	19.77 *	16.71 *	13.50 *	9.74 *	9.89 *	7.27	3.05
5	26.87 *	23.09 *	22.36 *	20.10 *	16.94 *	13.64 *	9.83 *	9.95 *	7.31	3.06
3	27.18 *	23.35 *	22.61 *	20.32 *	17.09 *	13.73 *	9.87 *	9.99 *	7.33	3.06
1	13.66 *	11.73 *	11.35 *	10.20 *	8.57 *	6.88 *	4.95 *	5.00 *	3.66	1.53
0	13.67 *	11.73 *	11.36 *	10.21 *	8.58 *	6.88 *	4.95 *	5.00 *	3.66	1.53
-1	27.23 *	23.39 *	22.66 *	20.36 *	17.11 *	13.74 *	9.88 *	9.99 *	7.33	3.06
-3	26.94 *	23.15 *	22.42 *	20.16 *	16.98 *	13.66 *	9.83 *	9.95 *	7.31	3.06
-5	26.43 *	22.73 *	22.02 *	19.83 *	16.76 *	13.53 *	9.75 *	9.89 *	7.27	3.05
-7	25.76 *	22.15 *	21.48 *	19.41 *	16.47 *	13.34 *	9.65 *	9.81 *	7.22	3.03
-9	24.94 *	21.44 *	20.80 *	18.85 *	16.07 *	13.09 *	9.53 *	9.71 *	7.17	3.01
-11	23.97 *	20.63 *	20.03 *	18.18 *	15.60 *	12.82 *	9.38 *	9.59 *	7.10	2.99
-13	22.88 *	19.71 *	19.17 *	17.47 *	15.08 *	12.49 *	9.20 *	9.45 *	7.02	2.96
-15	21.68 *	18.69 *	18.23 *	16.69 *	14.51 *	12.12 *	8.99 *	9.29 *	6.93	2.93
-17	25.27 *	21.84 *	21.38 *	19.72 *	17.32 *	14.61 *	10.93 *	11.36 *	8.52	3.61
-19.5	27.53 *	23.89 *	23.58 *	21.99 *	19.53 *	16.70 *	12.63 *	13.23 *	9.98	4.26
-22.5	24.44 *	21.35 *	21.31 *	20.14 *	18.16 *	15.76 *	12.06 *	12.75 *	9.70	4.15

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

LUMENS TABULATION - (Cont.)

-25.5	24.82 *	21.90 *	22.12 *	21.26 *	19.50 *	17.18 *	13.31 *	14.22	10.91	4.70
-29	24.00 *	21.45 *	22.03 *	21.58 *	20.17 *	18.06 *	14.19 *	15.34	11.89	5.16
-33	22.34 *	20.29 *	21.21 *	21.16 *	20.17 *	18.38 *	14.65 *	16.04	12.58	5.51
-37.5	20.36 *	18.77 *	19.91 *	20.20 *	19.60 *	18.17 *	14.68	16.27	12.93	5.72
-42.5	16.72 *	15.60 *	16.73 *	17.21 *	16.95 *	15.92	13.03	14.62	11.77	5.26
-47.5	19.94 *	18.76 *	20.34	21.14	21.05	20.01	16.57	18.84	15.38	6.98
-55	19.13	18.13	19.82	20.79	20.93	20.14	16.89	19.45	16.15	7.51
-65	12.22	11.63	12.78	13.50	13.69	13.30	11.26	13.15	11.20	5.50
-75	6.43	6.14	6.78	7.21	7.39	7.29	6.30	7.61	6.93	3.84
-85	1.56	1.51	1.68	1.83	1.93	1.97	1.79	2.31	2.34	1.49
-90										
Total	914.28	807.73	813.55	775.57	705.12	616.78	477.92	514.88	402.14	178.52

Vert. Angles	Horizontal Angles			Total
	75	85	90	
90	0.71	0.08		31.14
85	1.58	0.17		113.93
75	1.88	0.18		207.64
65	2.27	0.19		319.84
55	1.98	0.14		328.57
47.5	1.44	0.10		272.48
42.5	1.54	0.10		329.00
37.5	1.46	0.09		358.82
33	1.35	0.08		382.59
29	1.22	0.07		392.58
25.5	1.07	0.06		382.83
22.5	1.09	0.06		426.19
19.5	0.93	0.05		387.96
17	0.75	0.04		331.65
15	0.75	0.04		350.29

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

LUMENS TABULATION - (Cont.)

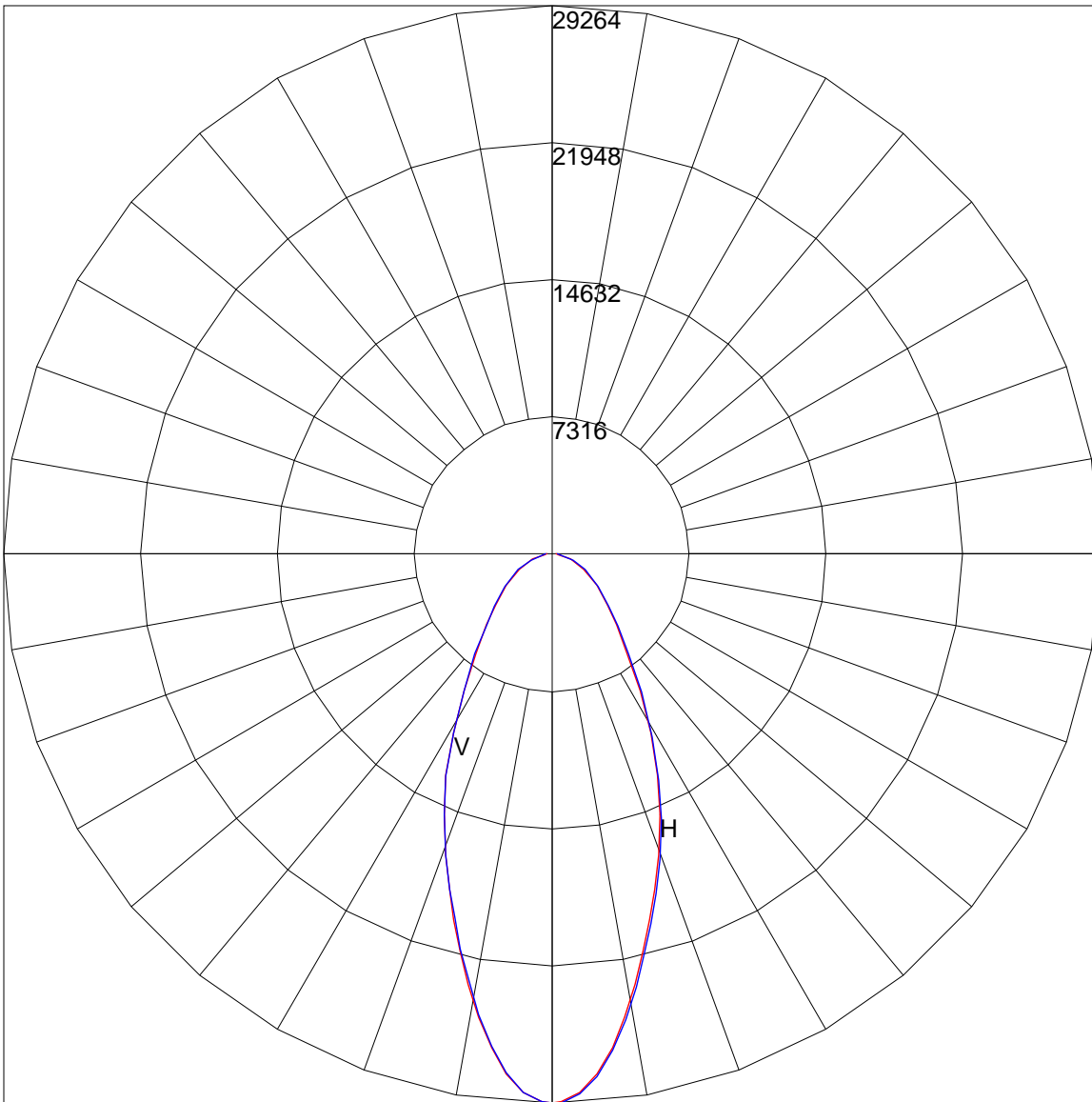
13	0.76	0.04	368.58
11	0.77	0.04	386.16
9	0.77	0.04	402.35
7	0.77	0.04	416.33
5	0.78	0.04	426.96
3	0.78	0.04	433.79
1	0.39	0.02	218.25
0	0.39	0.02	218.30
-1	0.78	0.04	434.14
-3	0.78	0.04	427.39
-5	0.77	0.04	416.77
-7	0.77	0.04	402.90
-9	0.77	0.04	386.79
-11	0.76	0.04	369.29
-13	0.76	0.04	351.05
-15	0.75	0.04	332.38
-17	0.93	0.05	388.78
-19.5	1.10	0.06	426.99
-22.5	1.08	0.06	383.45
-25.5	1.23	0.07	393.33
-29	1.36	0.08	383.70
-33	1.46	0.09	360.51
-37.5	1.54	0.10	331.22
-42.5	1.45	0.10	274.67
-47.5	1.98	0.14	331.61
-55	2.28	0.19	322.88
-65	1.88	0.18	209.59
-75	1.57	0.17	114.29

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

LUMENS TABULATION - (Cont.)

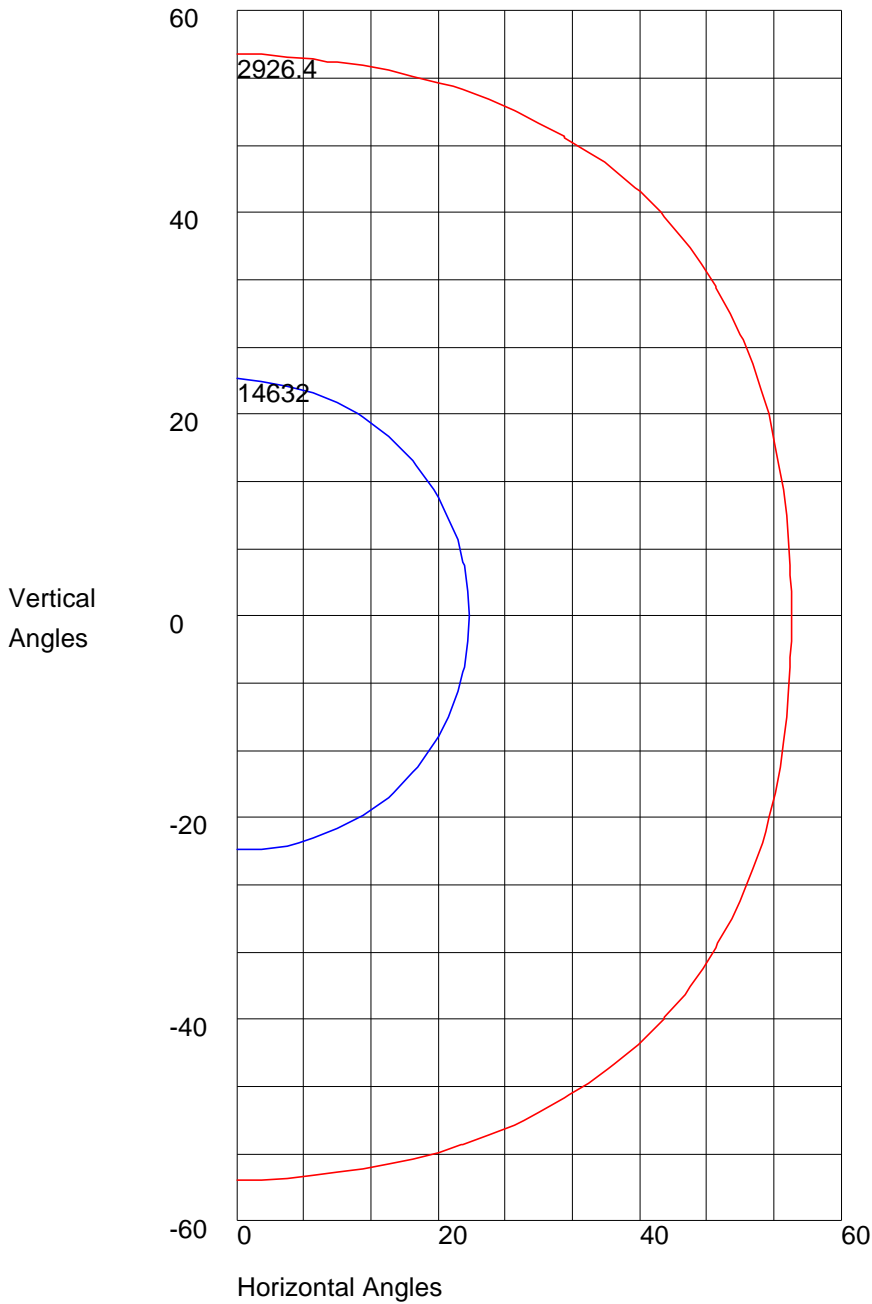
-85	0.70	0.08	30.29
-90			
Total	50.11	3.53	14558.25

AXIAL CANDELA DISPLAY



Maximum Candela = 29264 Located At Horizontal Angle = 0, Vertical Angle = 1
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 29264 Located At Horizontal Angle = 0, Vertical Angle = 1
50% Maximum Candela = 14632
10% Maximum Candela = 2926.4