



**IES FLOOD REPORT  
PHOTOMETRIC FILENAME : FL2-20L-40-8-N5-U-Y-GM.IES**

**DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] 1231984  
 [TESTLAB] UL Verification Services Inc.  
 [ISSUEDATE] 4/5/2016  
 [MANUFAC] Eye Lighting International of North America  
 [LUMCAT] FL2-20L-40-8-N5-U-Y-GM  
 [LUMINAIRE] Formed aluminum housing/ heatsink, clear plastic lens, whi  
 [MORE] te plastic reflector  
 [LAMP] Five white LEDs  
 [BALLAST] Meanwell HLG-185H-C  
 [OTHER] 25.6 C, 120.078 V, 1.6131 A, 192.652 W, 0.994601 PF, 59.996 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	5 H x 5 V
Maximum Candela	26725.126
Maximum Candela Angle	-1H 5V
Horizontal Beam Angle (50%)	29.3
Vertical Beam Angle (50%)	31.0
Horizontal Field Angle (10%)	73.9
Vertical Field Angle (10%)	74.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	4129
Beam Efficiency	N.A.
Field Lumens	11924
Field Efficiency	N.A.
Spill Lumens	4007
Luminaire Lumens	15930
Total Efficiency	N.A.
Total Luminaire Watts	192.652
Ballast Factor	1.00



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**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	.447	90	.578
85	122.5	85	145.4
75	339.3	75	395.2
65	635.7	65	676.6
55	1098.7	55	1153
47.5	1585.9	47.5	1640.35
42.5	2029.7	42.5	2290.15
37.5	2536.3	37.5	2676.2
33	4230.3	33	4605.8
29	6617.2	29	7232.5
25.5	8645.8	25.5	8418.8
22.5	10284.85	22.5	9937.95
19.5	11560.25	19.5	11632.15
17	12614.4	17	12720.5
15	13597	15	13678.7
13	14836	13	14932.5
11	16539.199	11	16611.301
9	19439.4	9	19540.1
7	23854.6	7	24354.199
5	26433.199	5	26696.699
3	26224.199	3	26311.699
1	25933.9	1	25993.1
0	25936.5	0	25936.5
-1	25933.9	-1	26009.699
-3	26224.199	-3	26348.1
-5	26433.199	-5	26574.801
-7	23854.6	-7	23169.301
-9	19439.4	-9	18632.9
-11	16539.199	-11	16135.4
-13	14836	-13	14582.7
-15	13597	-15	13466.5
-17	12614.4	-17	12527.9
-19.5	11560.25	-19.5	11505.9
-22.5	10284.85	-22.5	9774.25
-25.5	8645.8	-25.5	8333.85
-29	6617.2	-29	6940.6
-33	4230.3	-33	4411.3
-37.5	2536.3	-37.5	2618.95
-42.5	2029.7	-42.5	2103.45
-47.5	1585.9	-47.5	1566.95
-55	1098.7	-55	1093
-65	635.7	-65	641.3
-75	339.3	-75	376
-85	122.5	-85	139.3
-90	.447	-90	.562

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**CANDELA TABULATION**

Maximum Candela = 26725.126  
 Beam Edge = 13362.563 Cd (50% of Max.)  
 Field Edge = 2672.5126 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	0.000	0.040	0.123	0.209	0.309	0.370	0.412	0.442	0.460	0.482
85.0	0.039	19.977	53.539	72.040	90.477	102.936	109.971	116.661	121.030	126.070
75.0	0.116	51.768	102.535	154.721	207.796	243.862	265.502	289.649	310.121	328.609
65.0	0.189	67.998	150.666	241.647	321.872	393.319	432.715	469.115	503.974	533.152
55.0	0.256	81.632	195.115	311.932	462.094	572.396	649.701	743.629	830.750	894.927
47.5	0.302	91.152	228.227	365.946	554.970	719.209	844.131	974.596	1096.939	1198.265
42.5	0.330	96.979	247.853	402.920	625.779	827.327	977.745	1133.579	1287.772	1423.673
37.5	0.355	102.949	262.368	439.875	705.200	939.052	1117.244	1313.095	1506.801	1689.696
33.0	0.375	106.693	274.213	473.361	779.734	1044.677	1252.035	1489.522	1732.978	2000.050
29.0	0.391	110.220	283.722	501.877	842.931	1139.866	1376.388	1661.017	1990.254	2245.778
25.5	0.403	112.966	293.283	525.815	894.540	1221.923	1486.958	1832.228	2176.948	2487.673
22.5	0.413	115.059	301.235	545.871	935.999	1289.454	1583.347	1984.157	2333.770	2845.924 *
19.5	0.422	116.904	309.051	565.114	974.177	1351.798	1674.268	2099.469	2507.857	3540.055 *
17.0	0.428	118.248	315.300	580.456	1002.618	1399.777	1758.893	2180.725	2669.611	4239.356 *
15.0	0.432	119.193	319.866	592.021	1023.098	1433.178	1819.578	2240.052	2840.581	*4828.474 *
13.0	0.436	120.023	324.020	603.064	1041.636	1462.932	1878.245	2295.548	3088.073	*5363.120 *
11.0	0.439	122.577	327.739	613.064	1056.090	1489.107	1910.932	2347.804	3337.354	*5807.896 *
9.0	0.442	122.563	330.997	620.738	1069.298	1514.705	1946.206	2400.301	3604.648	*6140.554 *
7.0	0.444	122.549	333.770	626.792	1080.078	1536.160	1977.334	2450.700	3788.364	*6388.274 *
5.0	0.445	122.535	337.828	631.307	1088.592	1554.201	2000.695	2484.911	3980.425	*6533.206 *
3.0	0.446	122.521	338.416	636.063	1097.483	1570.223	2017.172	2514.020	4130.848	*6612.476 *
1.0	0.447	122.507	339.005	635.821	1098.294	1581.823	2027.146	2531.767	4218.970	*6646.487 *
0.0	0.447	122.500	339.300	635.700	1098.700	1585.900	2029.700	2536.300	4230.300	*6617.200 *
-1.0	0.447	122.500	339.402	635.085	1098.518	1585.196	2030.997	2536.471	4217.892	*6643.024 *
-3.0	0.446	122.684	339.605	633.855	1098.154	1579.710	2028.683	2528.114	4123.573	*6618.577 *
-5.0	0.445	122.806	339.808	627.535	1089.731	1567.918	2020.890	2508.740	3997.731	*6553.842 *
-7.0	0.444	122.928	336.307	621.394	1081.697	1549.213	2011.326	2486.427	3816.491	*6393.206 *
-9.0	0.442	123.049	334.060	613.598	1072.586	1527.907	1995.711	2443.652	3623.363	*6074.238 *
-11.0	0.439	123.169	331.179	604.262	1061.115	1505.107	1968.696	2396.550	3341.465	*5599.194 *
-13.0	0.436	120.701	327.661	594.779	1048.335	1479.367	1939.248	2345.002	3065.273	*5097.387 *
-15.0	0.432	119.967	323.499	584.504	1031.668	1449.641	1869.933	2289.305	2821.195	*4555.391 *
-17.0	0.428	119.111	318.690	575.194	1012.938	1416.024	1795.929	2235.338	2659.041	4034.342 *
-19.5	0.422	117.874	311.930	563.954	987.237	1369.933	1696.572	2164.492	2515.253	3388.120 *
-22.5	0.413	116.146	305.327	550.057	953.800	1311.051	1605.647	2050.295	2369.943	2770.083 *
-25.5	0.403	114.156	299.231	535.522	918.325	1246.989	1509.059	1875.952	2234.267	2491.423
-29.0	0.391	111.512	291.171	518.112	872.450	1168.581	1401.324	1681.574	2045.913	2285.376
-33.0	0.375	108.076	283.546	497.160	811.038	1078.096	1280.645	1504.960	1741.715	2052.467
-37.5	0.355	104.412	274.520	470.886	733.753	980.474	1147.568	1329.197	1510.215	1699.108
-42.5	0.330	98.410	262.999	439.552	650.624	873.443	1007.784	1148.138	1287.162	1416.765
-47.5	0.302	92.509	242.164	403.076	582.621	750.598	875.402	987.545	1091.821	1187.412
-55.0	0.256	82.752	207.965	328.478	481.081	588.018	660.081	750.990	828.405	885.741
-65.0	0.189	68.552	158.449	253.275	332.293	397.525	437.483	473.467	502.534	526.808
-75.0	0.116	51.568	106.824	162.491	214.908	249.296	270.676	290.755	307.277	321.047
-85.0	0.039	19.758	54.651	74.382	91.355	103.544	109.574	114.800	118.968	123.455
-90.0	0.000	0.039	0.125	0.210	0.302	0.364	0.398	0.430	0.458	0.480

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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	0.508	0.522	0.533	0.542	0.548	0.550	0.551	0.553	0.556	0.558
85.0	129.976	132.700	135.061	136.672	137.840	139.289	142.729	142.865	142.584	142.300
75.0	341.577	351.446	360.363	365.764	369.418	374.072	378.683	382.524	385.323	389.258
65.0	558.845	580.094	600.903	615.216	625.058	634.427	644.113	652.370	659.403	665.198
55.0	943.601	983.656	1021.581	1049.535	1068.780	1086.000	1100.812	1114.813	1127.013	1137.180
47.5	1282.041	1351.514	1417.114	1468.314	1502.674	1534.759	1561.541	1583.739	1602.827	1618.481
42.5	1541.384	1653.871	1783.972	1898.033	1984.083	2058.484	2116.849	2164.964	2214.034	2245.853
37.5	1877.540	2019.416	2141.800	2244.272	2323.779	2402.214	2470.283	2528.747	2579.188	2613.982
33.0	2174.702	2337.436	2534.927	2732.001	*2931.991	*3219.321	*3518.684	*3822.217	*4047.067	*4274.698 *
29.0	2473.039	2813.783	*3497.060	*4193.136	*4765.996	*5309.218	*5766.210	*6157.870	*6505.516	*6803.583 *
25.5	3012.014	*3929.862	*4941.937	*5725.953	*6291.226	*6739.560	*7125.795	*7496.590	*7825.676	*8092.033 *
22.5	4087.199	*5420.295	*6671.075	*7463.371	*8021.044	*8530.981	*8941.422	*9269.461	*9513.791	*9649.750 *
19.5	5337.737	*6887.505	*8072.281	*9036.656	*9651.090	*10162.179	*10573.413	*10952.085	*11282.665	*11477.886 *
17.0	6312.406	*7647.762	*9034.110	*9956.838	*10508.819	*11050.050	*11458.305	*11823.560	*12170.769	*12448.570 *
15.0	6917.233	*8258.203	*9615.899	*10540.443	*11208.011	*11629.195	*12103.562	*12533.685	*12928.853	*13309.586 *
13.0	7388.188	*8793.692	*10080.022	*11066.130	*11622.518	*12190.568	*12692.932	*13217.571	*13770.403	*14316.018 *
11.0	7830.395	*9234.551	*10536.831	*11443.605	*12072.076	*12691.408	*13346.930	*14074.310	*14876.779	*15693.868 *
9.0	8222.172	*9680.613	*10946.262	*11790.421	*12454.879	*13177.883	*14044.862	*15080.955	*16242.969	*17457.636 *
7.0	8511.178	*9958.715	*11217.027	*12108.492	*12826.451	*13676.829	*14779.318	*16173.358	*18040.635	*20422.188 *
5.0	8677.128	*10136.107	*11400.154	*12358.168	*13172.860	*14193.401	*15584.636	*17430.384	*20380.246	*24045.543 *
3.0	8735.044	*10247.109	*11533.127	*12512.271	*13404.637	*14570.166	*16135.231	*18667.874	*22567.879	*29594.398 *
1.0	8701.084	*10292.734	*11578.972	*12623.025	*13589.994	*14838.594	*16533.743	*19458.729	*23872.549	*26450.048 *
0.0	8645.800	*10284.850	*11560.250	*12614.400	*13597.000	*14836.000	*16539.199	*19439.400	*23854.600	*26433.199 *
-1.0	8591.015	*10218.645	*11530.882	*12587.021	*13564.057	*14803.837	*16510.600	*19402.282	*23825.120	*26449.681 *
-3.0	8430.745	*10011.946	*11455.655	*12424.316	*13366.751	*14525.725	*16049.570	*18509.922	*22349.104	*25815.984 *
-5.0	8223.422	*9721.865	*11293.093	*12189.702	*13103.627	*14147.478	*15488.046	*17293.885	*20025.624	*23821.163 *
-7.0	8029.816	*9400.711	*10933.728	*11915.329	*12754.822	*13700.197	*14752.328	*16016.722	*17747.204	*19912.259 *
-9.0	7803.255	*9075.071	*10468.542	*11665.920	*12335.929	*13136.282	*13997.299	*14947.931	*16006.609	*17129.658 *
-11.0	7583.405	*8724.465	*9948.249	*11222.378	*11912.133	*12562.374	*13276.499	*13975.212	*14668.130	*15466.598 *
-13.0	7231.265	*8283.189	*9460.894	*10551.950	*11439.008	*11976.624	*12564.978	*13116.034	*13635.562	*14139.373 *
-15.0	6668.032	*7880.791	*8963.626	*9865.379	*10802.029	*11442.292	*11900.536	*12360.539	*12814.937	*13161.926 *
-17.0	5949.588	*7473.354	*8348.220	*9259.010	*9997.100	*10768.410	*11315.393	*11698.417	*12028.253	*12302.784 *
-19.5	5012.951	*6554.313	*7589.200	*8366.813	*9073.389	*9743.889	*10307.743	*10726.668	*1092.855	*11334.313 *
-22.5	3893.671	*5175.198	*6391.867	*7050.902	*7561.983	*8153.648	*8786.014	*9216.505	*9490.235	*9721.882 *
-25.5	2934.885	*3813.654	*4870.993	*5604.224	*6076.968	*6631.343	*7176.231	*7621.450	*8022.316	*8235.220 *
-29.0	2483.677	2773.407	*3389.539	*4097.930	*4613.325	*5007.423	*5505.050	*6018.780	*6468.840	*6804.023 *
-33.0	2204.152	2348.553	2519.285	2688.133	*2867.008	*3114.410	*3354.055	*3672.787	*3962.621	*4233.425 *
-37.5	1890.942	2017.192	2136.021	2231.518	2299.422	2358.741	2418.122	2475.168	2531.806	2575.727
-42.5	1532.765	1643.462	1729.003	1808.622	1869.002	1930.536	1977.916	2023.591	2062.729	2088.965
-47.5	1268.376	1336.725	1397.949	1441.038	1469.991	1494.839	1516.757	1535.992	1551.975	1565.298
-55.0	931.694	971.331	1008.446	1036.281	1053.554	1068.769	1077.991	1085.113	1091.315	1095.922
-65.0	548.368	566.733	586.834	601.293	611.857	621.422	629.595	636.168	640.629	643.841
-75.0	333.549	343.290	352.216	359.157	364.060	368.417	372.249	375.473	377.972	381.579
-85.0	128.430	131.382	133.763	135.458	136.643	137.854	140.913	141.139	141.219	141.299
-90.0	0.506	0.519	0.530	0.540	0.548	0.558	0.567	0.575	0.583	0.590

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	0.566	0.575	0.578	0.575	0.566	0.558	0.556	0.553	0.551	0.550
85.0	143.533	144.778	145.400	144.778	143.533	142.300	142.584	142.865	142.729	139.289
75.0	391.535	393.978	395.200	393.978	391.535	389.258	385.323	382.524	378.683	374.072
65.0	671.768	674.989	676.600	674.989	671.768	665.198	659.403	652.370	644.113	634.427

CANDELA TABULATION - (Cont.)

55.0	1147.948	1151.315	1153.000	1151.315	1147.948	1137.180	1127.013	1114.813	1100.812	1086.000
47.5	1629.437	1638.002	1640.350	1638.002	1629.437	1618.481	1602.827	1583.739	1561.541	1534.759
42.5	2272.475	2286.013	2290.150	2286.013	2272.475	2245.853	2214.034	2164.964	2116.849	2058.485
37.5	2646.272	2668.796	2676.200	2668.796	2646.272	2613.982	2579.188	2528.746	2470.283	2402.214
33.0	4436.694	*4573.052	*4605.800	*4573.052	*4436.694	*2714.698	*4047.067	*3822.216	*3518.684	*3219.321 *
29.0	7026.746	*7192.621	*7232.500	*7192.621	*7026.746	*6803.583	*6505.516	*6157.869	*5766.210	*5309.219 *
25.5	8272.069	*8382.972	*8418.800	*8382.972	*8272.069	*8092.033	*7825.676	*7496.590	*7125.795	*6739.560 *
22.5	9764.414	*9874.772	*9937.950	*9874.772	*9764.414	*9649.750	*9513.790	*9269.461	*8941.423	*8530.981 *
19.5	11587.222	*11623.684	*11632.150	*11623.684	*11587.222	*11477.886	*11282.665	*10952.085	*10573.413	*10162.179 *
17.0	12600.996	*12701.845	*12720.500	*12701.845	*12600.996	*12448.570	*12170.769	*11823.560	*11458.305	*11050.050 *
15.0	13539.587	*13662.032	*13678.700	*13662.032	*13539.587	*13309.586	*12928.853	*12533.685	*12103.562	*11629.195 *
13.0	14688.227	*14882.451	*14932.500	*14882.451	*14688.227	*14316.018	*13770.403	*13217.571	*12692.932	*12190.568 *
11.0	16256.999	*16526.358	*16611.301	*16526.358	*16256.999	*15693.868	*14876.779	*14074.310	*13346.930	*12691.408 *
9.0	18711.914	*19349.395	*19540.100	*19349.395	*18711.914	*17457.636	*16242.969	*15080.955	*14044.862	*13177.883 *
7.0	22599.772	*24117.886	*24354.199	*24117.886	*22599.772	*20422.188	*18040.635	*16173.358	*14779.318	*13676.829 *
5.0	26146.648	*26725.126	*26696.699	*26725.126	*26146.648	*24045.543	*20380.246	*17430.384	*15584.636	*14193.401 *
3.0	26631.540	*26435.281	*26311.699	*26435.281	*26631.540	*25954.398	*22567.879	*18667.874	*16135.231	*14570.166 *
1.0	26314.907	*26085.191	*25993.100	*26085.191	*26314.907	*26450.048	*23872.549	*19458.729	*16533.743	*14838.594 *
0.0	26224.199	*25933.900	*25936.500	*25933.900	*26224.199	*26433.199	*23854.600	*19439.400	*16539.199	*14836.000 *
-1.0	26286.788	*26052.522	*26009.699	*26052.522	*26286.788	*26449.681	*23825.120	*19402.282	*16510.600	*14803.837 *
-3.0	26560.746	*26458.907	*26348.100	*26458.907	*26560.746	*25815.984	*22349.104	*18509.922	*16049.570	*14525.725 *
-5.0	25954.586	*26722.333	*26574.801	*26722.333	*25954.586	*23821.163	*20025.624	*17293.885	*15488.046	*14147.478 *
-7.0	22186.037	*23715.702	*23169.301	*23715.702	*22186.037	*19912.259	*17747.204	*16016.722	*14752.328	*13700.197 *
-9.0	18317.645	*19022.627	*18632.900	*19022.627	*18317.645	*17129.658	*16006.609	*14947.931	*13997.299	*13136.282 *
-11.0	16021.688	*16350.983	*16135.400	*16350.983	*16021.688	*15466.598	*14668.130	*13975.212	*13276.499	*12562.374 *
-13.0	14526.990	*14728.144	*14582.700	*14728.144	*14526.990	*14139.373	*13635.562	*13116.034	*12564.978	*11976.624 *
-15.0	13424.270	*13560.255	*13466.500	*13560.255	*13424.270	*13161.926	*12814.937	*12360.539	*11900.536	*11442.292 *
-17.0	12512.903	*12607.643	*12527.900	*12607.643	*12512.903	*12302.784	*12028.253	*11698.417	*11315.393	*10768.410 *
-19.5	11502.686	*11544.654	*11505.900	*11544.654	*11502.686	*11334.313	*11092.855	*10726.668	*10307.743	*99743.889 *
-22.5	9850.745	*9833.552	*9774.250	*9833.552	*9850.745	*9721.882	*9490.235	*9216.505	*8786.014	*8153.648 *
-25.5	8354.298	*8365.832	*8333.850	*8365.832	*8354.298	*8235.220	*8022.316	*7621.450	*7176.231	*6631.343 *
-29.0	6993.023	*6999.820	*6940.600	*6999.820	*6993.023	*6804.023	*6468.840	*6018.780	*5505.050	*5007.423 *
-33.0	4394.779	*4435.530	*4411.300	*4435.530	*4394.779	*4233.425	*3962.621	*3672.787	*3354.055	*3114.410 *
-37.5	2618.000	2621.630	2618.950	2621.630	2618.000	2575.727	2531.806	2475.168	2418.122	2358.741
-42.5	2107.027	2106.961	2103.450	2106.961	2107.027	2088.965	2062.729	2023.591	1977.916	1930.536
-47.5	1572.058	1569.867	1566.950	1569.867	1572.058	1565.298	1551.975	1535.992	1516.757	1494.839
-55.0	1099.809	1095.271	1093.000	1095.271	1099.809	1095.922	1091.315	1085.113	1077.991	1068.769
-65.0	645.205	642.602	641.300	642.602	645.205	643.841	640.629	636.168	629.595	621.422
-75.0	379.478	377.160	376.000	377.160	379.478	381.579	377.972	375.473	372.249	368.417
-85.0	140.505	139.702	139.300	139.702	140.505	141.299	141.219	141.139	140.913	137.854
-90.0	0.579	0.568	0.562	0.568	0.579	0.590	0.583	0.575	0.567	0.558

Vert. Horizontal Angles  
 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	0.548	0.542	0.533	0.522	0.508	0.482	0.460	0.442	0.412	0.370
85.0	137.840	136.672	135.061	132.700	129.976	126.070	121.030	116.661	109.971	102.936
75.0	369.418	365.764	360.363	351.446	341.577	328.609	310.121	289.649	265.502	243.862
65.0	625.058	615.216	600.903	580.094	558.845	533.152	503.974	469.115	432.715	393.319
55.0	1068.780	1049.535	1021.581	983.656	943.601	894.927	830.750	743.629	649.701	572.396
47.5	1502.674	1468.314	1417.114	1351.513	1282.041	1198.265	1096.939	974.596	844.131	719.209
42.5	1984.083	1898.032	1783.972	1653.871	1541.384	1423.673	1287.772	1133.579	977.745	827.327
37.5	2323.779	2244.272	2141.800	2019.416	1877.540	1689.696	1506.801	1313.095	1117.244	939.052
33.0	2931.991	*2732.001	*2534.927	2337.436	2174.702	2000.050	1732.978	1489.522	1252.035	1044.677
29.0	4765.996	*4193.136	*3497.060	*2813.783	*2473.039	2245.778	1990.254	1661.017	1376.388	1139.866
25.5	6291.226	*5725.953	*4941.937	*3929.862	*3012.014	*2487.673	2176.948	1832.228	1486.958	1221.923

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : FL2-20L-40-8-N5-U-Y-GM.IES**

**CANDELA TABULATION - (Cont.)**

22.5	8021.045	*7463.371	*6671.074	*5420.295	*4087.199	*2845.924	*2333.770	1984.157	1583.347	1289.454
19.5	9651.090	*9036.656	*8072.281	*6887.505	*5337.737	*3540.055	*2507.857	2099.469	1674.268	1351.798
17.0	10508.819	9956.838	*9034.110	*7647.762	*6312.406	*4239.356	*2669.611	2180.725	1758.893	1399.777
15.0	11208.011	†0540.443	9615.899	*8258.203	*6917.233	*4828.474	*2840.581	*2240.052	1819.578	1433.178
13.0	11622.518	†1066.130	†0080.022	8793.692	*7388.188	*5363.120	*3088.072	*2295.548	1878.245	1462.932
11.0	12072.076	†1443.605	†0536.831	9234.551	*7830.395	*5807.897	*3337.354	*2347.804	1910.932	1489.107
9.0	12454.879	†1790.421	†0946.262	9680.613	*8222.172	*6140.555	*3604.648	*2400.301	1946.206	1514.706
7.0	12826.451	†2108.492	†1217.027	9958.715	*8511.178	*6388.274	*3788.364	*2450.700	1977.334	1536.160
5.0	13172.860	†2358.168	†1400.154	†0136.107	8677.127	*6533.206	*3980.425	*2484.911	2000.695	1554.201
3.0	13404.637	†2512.270	†1533.127	†0247.109	8735.044	*6612.476	*4130.848	*2514.020	2017.172	1570.223
1.0	13589.994	†2623.025	†1578.972	†0292.734	8701.084	*6646.486	*4218.970	*2531.768	2027.146	1581.823
0.0	13597.000	†2614.400	†1560.250	†0284.850	8645.800	*6617.200	*4230.300	*2536.300	2029.700	1585.900
-1.0	13564.057	†2587.021	†1530.882	†0218.645	8591.014	*6643.024	*4217.892	*2536.471	2030.997	1585.196
-3.0	13366.751	†2424.316	†1455.655	†0011.946	8430.745	*6618.576	*4123.573	*2528.114	2028.683	1579.710
-5.0	13103.627	†2189.702	†1293.093	9721.865	*8223.422	*6553.842	*3997.731	*2508.740	2020.890	1567.917
-7.0	12754.822	†1915.329	†0933.728	9400.711	*8029.816	*6393.206	*3816.491	*2486.427	2011.326	1549.213
-9.0	12335.929	†1665.920	†0468.542	9075.071	*7803.255	*6074.238	*3623.363	*2443.652	1995.711	1527.907
-11.0	11912.133	†1222.378	9948.249	*8724.465	*7583.405	*5599.194	*3341.465	*2396.550	1968.696	1505.107
-13.0	11439.008	†0551.950	9460.894	*8283.189	*7231.265	*5097.387	*3065.273	*2345.002	1939.248	1479.367
-15.0	10802.029	9865.379	*8963.626	*7880.791	*6668.032	*4555.391	*2821.194	*2289.305	1869.933	1449.641
-17.0	9997.100	*9259.010	*8348.220	*7473.354	*5949.588	*4034.342	*2659.041	2235.338	1795.929	1416.024
-19.5	9073.389	*8366.813	*7589.200	*6554.313	*5012.951	*3388.120	*2515.253	2164.492	1696.572	1369.933
-22.5	7561.983	*7050.902	*6391.867	*5175.198	*3893.671	*2770.083	*2369.943	2050.295	1605.647	1311.051
-25.5	6076.968	*5604.224	*4870.993	*3813.654	*2934.885	*2491.423	2234.267	1875.952	1509.059	1246.989
-29.0	4613.325	*4097.930	*3389.539	*2773.407	*2483.677	2285.376	2045.913	1681.574	1401.324	1168.581
-33.0	2867.008	*2688.133	*2519.285	2348.553	2204.152	2052.467	1741.715	1504.960	1280.645	1078.096
-37.5	2299.422	2231.518	2136.021	2017.192	1890.942	1699.108	1510.215	1329.197	1147.568	980.474
-42.5	1869.002	1808.622	1729.003	1643.462	1532.765	1416.765	1287.162	1148.138	1007.784	873.443
-47.5	1469.991	1441.038	1397.949	1336.725	1268.376	1187.412	1091.821	987.545	875.402	750.598
-55.0	1053.554	1036.281	1008.446	971.331	931.694	885.741	828.405	750.990	660.081	588.018
-65.0	611.857	601.293	586.834	566.733	548.368	526.808	502.534	473.467	437.483	397.525
-75.0	364.060	359.157	352.216	343.290	333.549	321.047	307.277	290.755	270.676	249.296
-85.0	136.643	135.458	133.763	131.382	128.430	123.455	118.968	114.800	109.574	103.544
-90.0	0.548	0.540	0.530	0.519	0.506	0.480	0.458	0.430	0.398	0.364

**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	0.309	0.209	0.123	0.040	0.000
85.0	90.477	72.040	53.539	19.977	0.039
75.0	207.796	154.721	102.535	51.768	0.116
65.0	321.872	241.647	150.666	67.998	0.189
55.0	462.094	311.932	195.115	81.632	0.256
47.5	554.970	365.946	228.227	91.152	0.302
42.5	625.779	402.920	247.853	96.979	0.330
37.5	705.200	439.875	262.368	102.949	0.355
33.0	779.734	473.361	274.213	106.693	0.375
29.0	842.931	501.877	283.722	110.220	0.391
25.5	894.540	525.815	293.283	112.966	0.403
22.5	935.999	545.871	301.235	115.059	0.413
19.5	974.177	565.114	309.051	116.904	0.422
17.0	1002.618	580.456	315.300	118.248	0.428
15.0	1023.098	592.021	319.866	119.193	0.432
13.0	1041.636	603.064	324.020	120.023	0.436
11.0	1056.090	613.065	327.739	122.577	0.439
9.0	1069.298	620.738	330.997	122.563	0.442

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : FL2-20L-40-8-N5-U-Y-GM.IES**

**CANDELA TABULATION - (Cont.)**

<b>7.0</b>	1080.078	626.792	333.770	122.549	0.444
<b>5.0</b>	1088.592	631.307	337.828	122.535	0.445
<b>3.0</b>	1097.483	636.063	338.416	122.521	0.446
<b>1.0</b>	1098.294	635.821	339.005	122.507	0.447
<b>0.0</b>	1098.700	635.700	339.300	122.500	0.447
<b>-1.0</b>	1098.518	635.085	339.402	122.500	0.447
<b>-3.0</b>	1098.154	633.855	339.605	122.684	0.446
<b>-5.0</b>	1089.731	627.535	339.808	122.806	0.445
<b>-7.0</b>	1081.697	621.394	336.307	122.928	0.444
<b>-9.0</b>	1072.586	613.598	334.060	123.049	0.442
<b>-11.0</b>	1061.115	604.262	331.179	123.169	0.439
<b>-13.0</b>	1048.335	594.779	327.661	120.701	0.436
<b>-15.0</b>	1031.668	584.504	323.499	119.967	0.432
<b>-17.0</b>	1012.938	575.194	318.690	119.111	0.428
<b>-19.5</b>	987.237	563.954	311.930	117.874	0.422
<b>-22.5</b>	953.800	550.057	305.327	116.146	0.413
<b>-25.5</b>	918.325	535.522	299.231	114.156	0.403
<b>-29.0</b>	872.450	518.112	291.171	111.512	0.391
<b>-33.0</b>	811.038	497.160	283.546	108.076	0.375
<b>-37.5</b>	733.753	470.886	274.520	104.412	0.355
<b>-42.5</b>	650.624	439.552	262.999	98.410	0.330
<b>-47.5</b>	582.621	403.076	242.164	92.509	0.302
<b>-55.0</b>	481.081	328.478	207.965	82.752	0.256
<b>-65.0</b>	332.293	253.275	158.449	68.552	0.189
<b>-75.0</b>	214.908	162.491	106.824	51.568	0.116
<b>-85.0</b>	91.355	74.382	54.651	19.758	0.039
<b>-90.0</b>	0.302	0.210	0.125	0.039	0.000

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : FL2-20L-40-8-N5-U-Y-GM.IES**

**LUMEN TABULATION**

Average Of Right And Left Sides  
 Total Luminaire Lumens (one side of beam only) = 7965.23  
 Total Field Lumens (one side of beam only) = 5961.88  
 \* 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	0.11	0.22	0.22	0.22	0.22	0.22	0.21	0.21	0.20	0.25
85	0.82	1.63	1.62	1.60	1.59	1.57	1.54	1.51	1.48	1.80
75	1.63	3.25	3.22	3.18	3.14	3.09	3.03	2.96	2.89	3.51
65	2.78	5.55	5.50	5.44	5.36	5.27	5.16	5.05	4.92	5.94
55	3.19	6.35	6.30	6.23	6.14	6.03	5.90	5.75	5.59	6.72
47.5	2.99	5.96	5.90	5.82	5.71	5.57	5.42	5.23	5.02	5.94
42.5	3.78	7.51	7.43	7.31	7.15	6.96	6.74	6.48	6.19	7.29
37.5	4.98 *	9.81 *	9.55 *	9.21 *	8.81 *	8.33 *	7.78 *	7.23 *	6.74	7.85
33	7.19 *	14.14 *	13.70 *	13.11 *	12.39 *	11.56 *	10.61 *	9.59 *	8.56 *	9.37 *
29	8.32 *	16.45 *	16.06 *	15.49 *	14.77 *	13.94 *	13.00 *	11.95 *	10.75 *	11.62 *
25.5	8.36 *	16.57 *	16.31 *	15.94 *	15.43 *	14.77 *	14.01 *	13.11 *	12.08 *	13.45 *
22.5	9.84 *	19.57 *	19.36 *	19.05 *	18.56 *	17.88 *	17.08 *	16.12 *	15.01 *	16.95 *
19.5	9.27 *	18.46 *	18.28 *	17.94 *	17.43 *	16.80 *	16.11 *	15.28 *	14.33 *	16.32 *
17	8.04 *	15.98 *	15.77 *	15.41 *	14.92 *	14.37 *	13.78 *	13.12 *	12.36 *	14.16 *
15	8.70 *	17.28 *	16.97 *	16.46 *	15.82 *	15.16 *	14.49 *	13.79 *	13.01 *	14.93 *
13	9.59 *	18.98 *	18.52 *	17.77 *	16.87 *	16.00 *	15.17 *	14.36 *	13.53 *	15.59 *
11	10.97 *	21.57 *	20.70 *	19.47 *	18.18 *	16.96 *	15.87 *	14.89 *	13.98 *	16.17 *
9	13.31 *	25.81 *	24.06 *	21.86 *	19.77 *	18.02 *	16.59 *	15.41 *	14.40 *	16.66 *
7	15.52 *	30.32 *	28.32 *	25.11 *	21.73 *	19.19 *	17.35 *	15.92 *	14.78 *	17.03 *
5	16.17 *	32.25 *	31.23 *	28.16 *	23.84 *	20.34 *	18.02 *	16.36 *	15.06 *	17.29 *
3	15.96 *	32.11 *	32.01 *	29.94 *	25.51 *	21.24 *	18.50 *	16.67 *	15.26 *	17.45 *
1	7.92 *	15.91 *	16.02 *	15.24 *	13.06 *	10.79 *	9.35 *	8.40 *	7.67 *	8.75 *
0	7.91 *	15.91 *	16.01 *	15.23 *	13.05 *	10.78 *	9.34 *	8.39 *	7.67 *	8.73 *
-1	15.97 *	32.07 *	31.94 *	29.82 *	25.36 *	21.14 *	18.44 *	16.63 *	15.21 *	17.36 *
-3	16.16 *	32.18 *	31.04 *	27.87 *	23.58 *	20.20 *	17.94 *	16.30 *	14.96 *	17.13 *



**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : FL2-20L-40-8-N5-U-Y-GM.IES**

**LUMENS TABULATION - (Cont.)**

-5	15.26 *	30.01 *	27.92 *	24.69 *	21.44 *	19.06 *	17.31 *	15.87 *	14.63 *	16.75 *
-7	12.88 *	25.34 *	23.56 *	21.45 *	19.52 *	17.91 *	16.56 *	15.35 *	14.25 *	16.27 *
-9	10.68 *	21.22 *	20.34 *	19.17 *	17.98 *	16.86 *	15.78 *	14.76 *	13.80 *	15.66 *
-11	9.41 *	18.76 *	18.28 *	17.54 *	16.71 *	15.88 *	15.01 *	14.15 *	13.21 *	14.89 *
-13	8.58 *	17.12 *	16.79 *	16.28 *	15.66 *	14.98 *	14.27 *	13.49 *	12.49 *	14.04 *
-15	7.94 *	15.86 *	15.62 *	15.24 *	14.75 *	14.18 *	13.53 *	12.71 *	11.69 *	13.17 *
-17	9.17 *	18.33 *	18.10 *	17.71 *	17.17 *	16.52 *	15.69 *	14.62 *	13.43 *	15.17 *
-19.5	9.75 *	19.51 *	19.33 *	18.92 *	18.34 *	17.57 *	16.53 *	15.31 *	14.08 *	15.95 *
-22.5	8.29 *	16.62 *	16.48 *	16.12 *	15.54 *	14.76 *	13.74 *	12.60 *	11.55 *	12.97 *
-25.5	8.17 *	16.36 *	16.16 *	15.66 *	14.85 *	13.82 *	12.68 *	11.55 *	10.45 *	11.37 *
-29	6.94 *	13.90 *	13.63 *	13.01 *	12.14 *	11.13 *	10.12 *	9.22 *	8.35 *	9.18 *
-33	4.83 *	9.64 *	9.45 *	9.07 *	8.58 *	8.05 *	7.54 *	7.08	6.64	7.79
-37.5	3.60	7.19	7.13	7.01	6.86	6.67	6.47	6.25	6.01	7.15
-42.5	2.80	5.60	5.57	5.51	5.41	5.29	5.15	5.00	4.82	5.76
-47.5	3.04	6.09	6.08	6.03	5.95	5.87	5.76	5.64	5.49	6.62
-55	2.64	5.30	5.29	5.26	5.21	5.14	5.06	4.96	4.84	5.84
-65	1.55	3.11	3.11	3.10	3.06	3.02	2.97	2.90	2.83	3.43
-75	0.79	1.58	1.58	1.58	1.56	1.54	1.52	1.49	1.46	1.77
-85	0.11	0.21	0.21	0.21	0.21	0.21	0.21	0.20	0.20	0.24
-90										
<b>Total</b>	335.91	667.60	650.69	616.41	569.34	524.64	487.33	453.89	421.88	482.28

**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	0.29	0.28	0.30	0.32	0.33	0.33	0.29	0.35	0.31	0.16
85	2.09	1.99	2.19	2.31	2.34	2.28	1.94	2.30	2.00	1.00
75	4.04	3.82	4.17	4.37	4.40	4.25	3.59	4.17	3.52	1.69
65	6.80	6.40	6.94	7.21	7.13	6.69	5.51	6.25	5.09	2.34
55	7.64	7.14	7.67	7.87	7.65	7.02	5.62	6.19	4.83	2.15
47.5	6.62	6.08	6.45	6.54	6.29	5.73	4.53	4.87	3.71	1.62

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : FL2-20L-40-8-N5-U-Y-GM.IES**

**LUMENS TABULATION - (Cont.)**

<b>42.5</b>										
	8.10	7.40	7.74	7.71	7.33	6.62	5.20	5.53	4.13	1.76
<b>37.5</b>										
	8.67	7.90	8.25	8.14	7.61	6.79	5.27	5.58	4.10	1.70
<b>33</b>										
	9.54 *	8.18	8.43	8.32	7.69	6.74	5.18	5.44	3.95	1.60
<b>29</b>										
	11.33 *	8.93 *	8.47	8.13	7.50	6.49	4.92	5.13	3.68	1.46
<b>25.5</b>										
	13.41 *	10.30 *	8.84 *	7.71	6.99	6.02	4.51	4.65	3.31	1.30
<b>22.5</b>										
	17.31 *	13.61 *	11.24 *	8.79 *	7.49	6.42	4.76	4.88	3.45	1.34
<b>19.5</b>										
	16.87 *	13.66 *	11.51 *	8.46 *	6.62	5.62	4.16	4.22	2.97	1.15
<b>17</b>										
	14.74 *	12.16 *	10.57 *	7.61 *	5.56	4.67	3.45	3.47	2.43	0.94
<b>15</b>										
	15.67 *	13.09 *	11.61 *	8.42 *	5.86	4.80	3.55	3.54	2.48	0.96
<b>13</b>										
	16.48 *	13.88 *	12.50 *	9.19 *	6.19 *	4.92	3.63	3.61	2.52	0.97
<b>11</b>										
	17.23 *	14.59 *	13.27 *	9.86 *	6.54 *	5.02	3.69	3.66	2.55	0.98
<b>9</b>										
	17.83 *	15.18 *	13.87 *	10.40 *	6.85 *	5.12	3.75	3.72	2.58	0.99
<b>7</b>										
	18.22 *	15.56 *	14.27 *	10.80 *	7.11 *	5.20	3.81	3.76	2.61	1.00
<b>5</b>										
	18.48 *	15.77 *	14.48 *	11.10 *	7.34 *	5.26	3.84	3.79	2.63	1.01
<b>3</b>										
	18.62 *	15.85 *	14.54 *	11.28 *	7.50 *	5.30	3.87	3.82	2.64	1.01
<b>1</b>										
	9.32 *	7.91 *	7.25 *	5.67 *	3.78 *	2.66	1.94	1.92	1.32	0.51
<b>0</b>										
	9.30 *	7.88 *	7.23 *	5.67 *	3.78 *	2.66	1.95	1.92	1.32	0.51
<b>-1</b>										
	18.43 *	15.55 *	14.35 *	11.28 *	7.50 *	5.32	3.89	3.83	2.64	1.01
<b>-3</b>										
	18.12 *	15.19 *	14.13 *	11.12 *	7.36 *	5.30	3.87	3.81	2.62	1.01
<b>-5</b>										
	17.64 *	14.76 *	13.84 *	10.84 *	7.17 *	5.26	3.85	3.78	2.60	1.00
<b>-7</b>										
	17.01 *	14.32 *	13.41 *	10.39 *	6.92 *	5.21	3.81	3.74	2.58	0.99
<b>-9</b>										
	16.30 *	13.85 *	12.82 *	9.73 *	6.61 *	5.13	3.77	3.69	2.55	0.98
<b>-11</b>										
	15.53 *	13.28 *	12.09 *	8.93 *	6.24 *	5.04	3.71	3.64	2.52	0.97
<b>-13</b>										
	14.75 *	12.55 *	11.16 *	8.11 *	5.89	4.92	3.63	3.58	2.48	0.95
<b>-15</b>										
	13.93 *	11.67 *	10.05 *	7.35 *	5.60	4.78	3.52	3.51	2.44	0.94
<b>-17</b>										
	15.98 *	13.04 *	10.89 *	8.22 *	6.70	5.75	4.22	4.27	2.98	1.15
<b>-19.5</b>										
	16.45 *	12.92 *	10.71 *	8.65 *	7.64	6.58	4.83	4.95	3.49	1.35
<b>-22.5</b>										
	12.96 *	9.90 *	8.59 *	7.73	7.16	6.16	4.58	4.75	3.37	1.32

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : FL2-20L-40-8-N5-U-Y-GM.IES**

**LUMENS TABULATION - (Cont.)**

<b>-25.5</b>	11.08 *	8.77 *	8.45	8.28	7.68	6.60	5.02	5.26	3.79	1.50
<b>-29</b>	9.41 *	8.19	8.55	8.48	7.81	6.84	5.31	5.62	4.11	1.65
<b>-33</b>	8.66	7.95	8.37	8.23	7.66	6.91	5.43	5.79	4.30	1.79
<b>-37.5</b>	8.02	7.39	7.75	7.72	7.38	6.75	5.40	5.78	4.36	1.88
<b>-42.5</b>	6.51	6.03	6.40	6.50	6.32	5.86	4.72	5.10	3.95	1.75
<b>-47.5</b>	7.54	7.06	7.59	7.82	7.68	7.16	5.80	6.44	5.12	2.31
<b>-55</b>	6.68	6.30	6.85	7.16	7.15	6.77	5.61	6.43	5.31	2.47
<b>-65</b>	3.94	3.74	4.10	4.33	4.40	4.29	3.65	4.27	3.66	1.77
<b>-75</b>	2.05	1.95	2.15	2.27	2.33	2.29	1.97	2.35	2.07	1.04
<b>-85</b>	0.28	0.27	0.30	0.32	0.33	0.33	0.29	0.35	0.32	0.17
<b>-90</b>										
<b>Total</b>	509.87	432.25	404.35	339.35	273.38	229.89	175.87	183.71	135.37	56.15

<b>Vert. Angles</b>	<b>Horizontal Angles</b>			<b>Total</b>
	<b>75</b>	<b>85</b>	<b>90</b>	
<b>90</b>	0.05	0.00		5.08
<b>85</b>	0.30	0.01		35.94
<b>75</b>	0.49	0.02		68.43
<b>65</b>	0.65	0.02		112.01
<b>55</b>	0.59	0.02		122.62
<b>47.5</b>	0.44	0.02		106.43
<b>42.5</b>	0.47	0.02		128.86
<b>37.5</b>	0.44	0.02		144.76
<b>33</b>	0.41	0.01		175.72
<b>29</b>	0.37	0.01		198.78
<b>25.5</b>	0.33	0.01		207.42
<b>22.5</b>	0.33	0.01		249.04
<b>19.5</b>	0.28	0.01		235.74
<b>17</b>	0.23	0.01		203.74
<b>15</b>	0.23	0.01		216.83

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : FL2-20L-40-8-N5-U-Y-GM.IES**

**LUMENS TABULATION - (Cont.)**

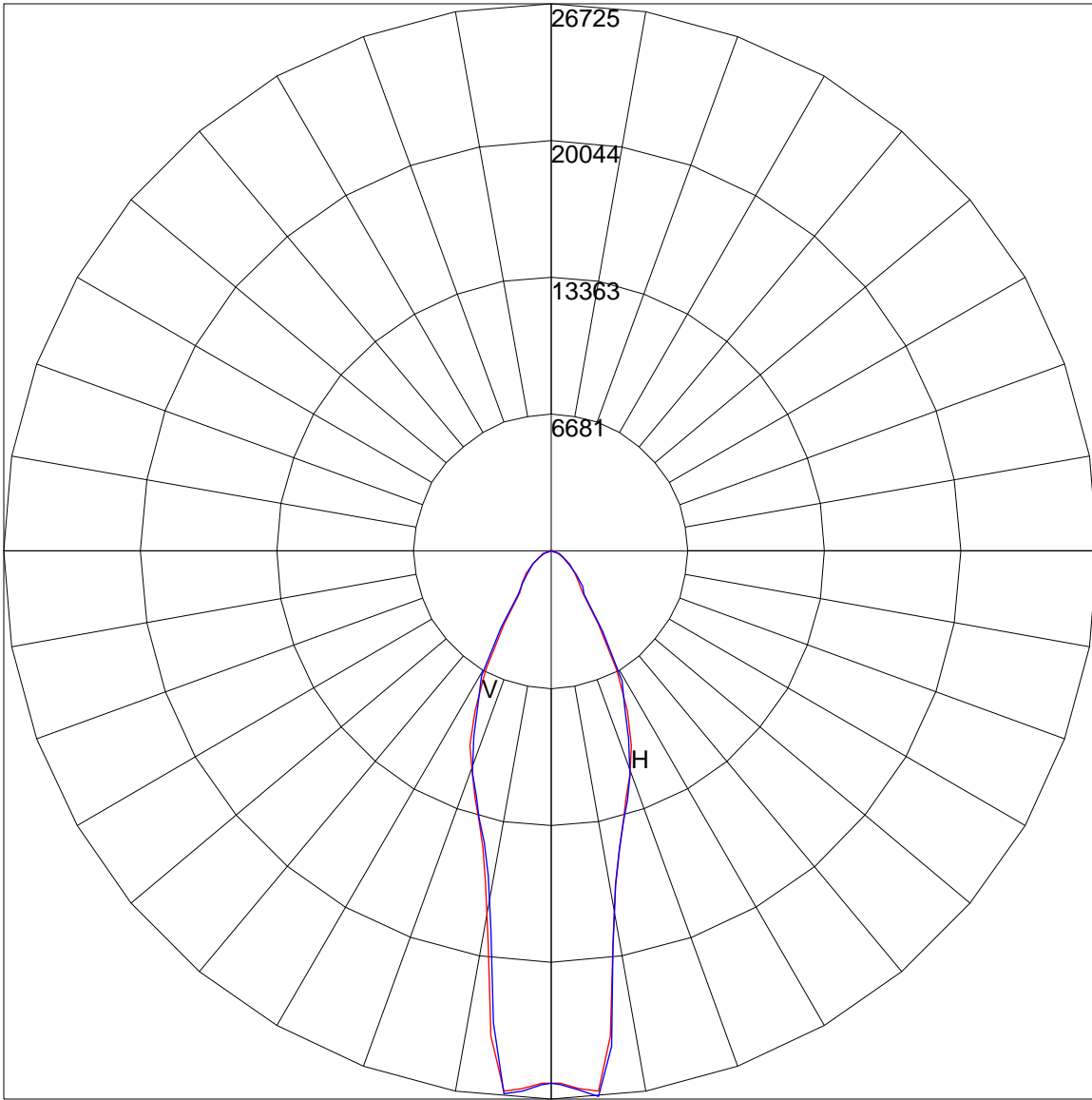
<b>13</b>			
	0.24	0.01	230.52
<b>11</b>			
	0.24	0.01	246.43
<b>9</b>			
	0.24	0.01	266.43
<b>7</b>			
	0.24	0.01	287.84
<b>5</b>			
	0.24	0.01	302.67
<b>3</b>			
	0.24	0.01	309.34
<b>1</b>			
	0.12	0.00	155.53
<b>0</b>			
	0.12	0.00	155.35
<b>-1</b>			
	0.24	0.01	308.00
<b>-3</b>			
	0.24	0.01	300.14
<b>-5</b>			
	0.24	0.01	283.93
<b>-7</b>			
	0.24	0.01	261.72
<b>-9</b>			
	0.24	0.01	241.93
<b>-11</b>			
	0.24	0.01	226.05
<b>-13</b>			
	0.24	0.01	211.98
<b>-15</b>			
	0.23	0.01	198.73
<b>-17</b>			
	0.29	0.01	229.42
<b>-19.5</b>			
	0.34	0.01	243.18
<b>-22.5</b>			
	0.33	0.01	205.55
<b>-25.5</b>			
	0.38	0.01	197.86
<b>-29</b>			
	0.42	0.01	174.02
<b>-33</b>			
	0.46	0.02	144.21
<b>-37.5</b>			
	0.49	0.02	127.29
<b>-42.5</b>			
	0.46	0.02	104.54
<b>-47.5</b>			
	0.62	0.02	121.73
<b>-55</b>			
	0.68	0.03	110.98
<b>-65</b>			
	0.51	0.02	67.78
<b>-75</b>			
	0.31	0.01	35.66

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : FL2-20L-40-8-N5-U-Y-GM.IES**

**LUMENS TABULATION - (Cont.)**

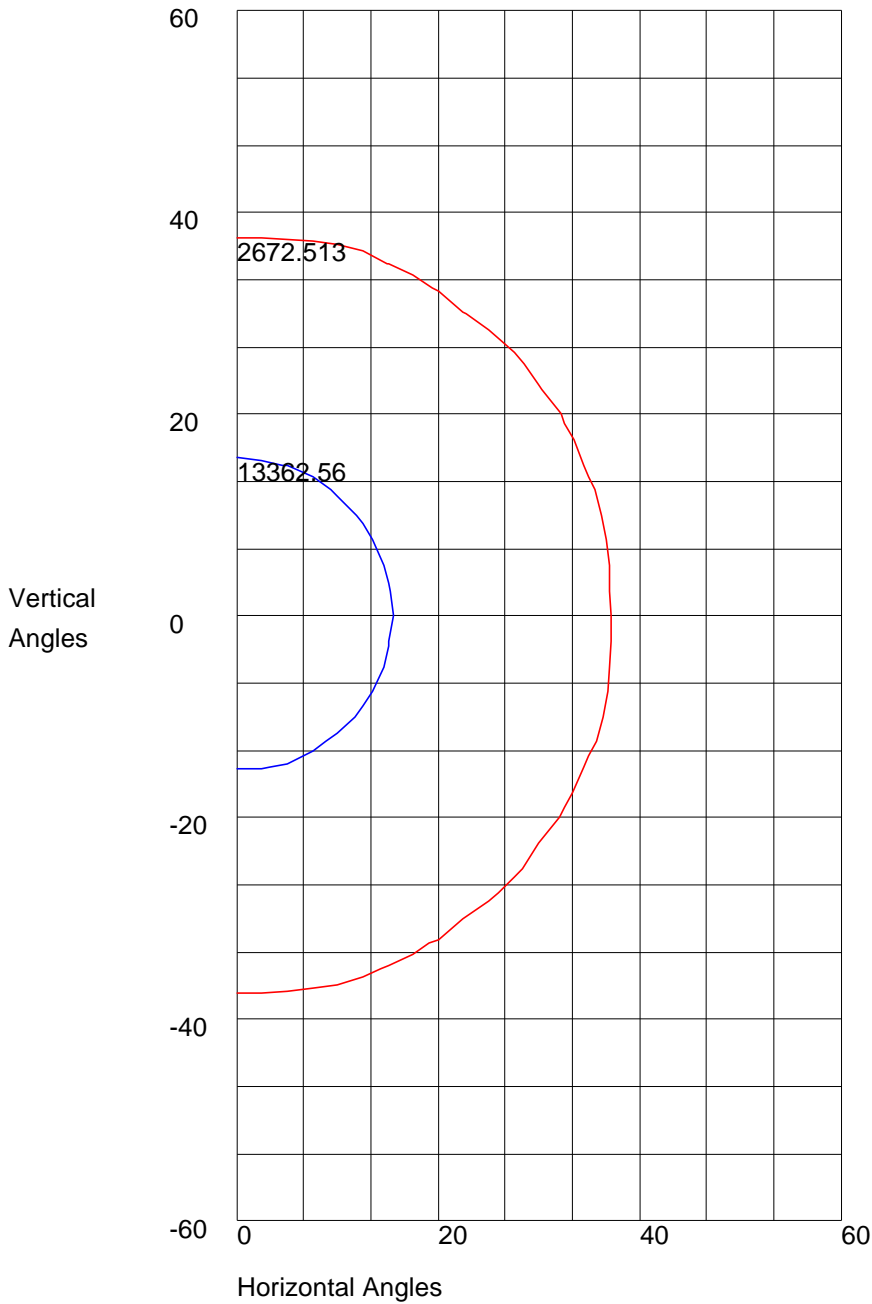
<b>-85</b>	0.05	0.00	5.04
<b>-90</b>			
<b>Total</b>	14.56	0.52	7965.23

AXIAL CANDELA DISPLAY



Maximum Candela = 26725.126 Located At Horizontal Angle = -1, Vertical Angle = 5  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 26725.126 Located At Horizontal Angle = -1, Vertical Angle = 5  
50% Maximum Candela = 13362.563  
10% Maximum Candela = 2672.5126