



**IES FLOOD REPORT
PHOTOMETRIC FILENAME : FL2-20L-50-8-N6-U-Y-GM.IES**

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 1265261
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 7/8/2016
 [MANUFAC] Eye Lighting International of North America
 [LUMCAT] FL2-20L-50-8-N6-U-Y-GM
 [LUMINAIRE] Formed aluminum housing / heatsink, frosted plastic lens,
 [MORE] specular plastic reflector
 [LAMP] Five white LEDs
 [BALLAST] One Meanwell HLG-185H-C1050A
 [OTHER] 25 C, 119.995 V, 1.612 A, 192.2 W, 0.9934 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	14059.5
Maximum Candela Angle	-1H 0V
Horizontal Beam Angle (50%)	46.5
Vertical Beam Angle (50%)	45.2
Horizontal Field Angle (10%)	110.4
Vertical Field Angle (10%)	112.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	4808
Beam Efficiency	N.A.
Field Lumens	11711
Field Efficiency	N.A.
Spill Lumens	2329
Luminaire Lumens	14040
Total Efficiency	N.A.
Total Luminaire Watts	192.2
Ballast Factor	1.00



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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	148.7	90	201.1
85	217.7	85	267.7
75	524.6	75	568.4
65	902.5	65	946.4
55	1416.9	55	1438.8
47.5	1976.3	47.5	1962.2
42.5	2498.3	42.5	2457.4
37.5	3239.1	37.5	3140.5
33	4156.6	33	3998.5
29	5215.4	29	4991.8
25.5	6309.7	25.5	6018.3
22.5	7279.6	22.5	6980.1
19.5	8249.5	19.5	7965.2
17	9091	17	8781.9
15	9795.5	15	9460.6
13	10532.1	13	10185.4
11	11298.6	11	10960.2
9	12078.4	9	11764.5
7	12819.5	7	12532.2
5	13434.5	5	13172.3
3	13853.2	3	13635
1	14059.5	1	13906.7
0	14035.4	0	14035.4
-1	14059.5	-1	13982.6
-3	13853.2	-3	13828.2
-5	13434.5	-5	13441.1
-7	12819.5	-7	12845.4
-9	12078.4	-9	12118.7
-11	11298.6	-11	11337.6
-13	10532.1	-13	10555.4
-15	9795.5	-15	9792.8
-17	9091	-17	9055.1
-19.5	8249.5	-19.5	8168.6
-22.5	7279.6	-22.5	7140.5
-25.5	6309.7	-25.5	6149.1
-29	5215.4	-29	5085.8
-33	4156.6	-33	4080.4
-37.5	3239.1	-37.5	3233.4
-42.5	2498.3	-42.5	2559.8
-47.5	1976.3	-47.5	2049.9
-55	1416.9	-55	1505.9
-65	902.5	-65	996.9
-75	524.6	-75	608.2
-85	217.7	-85	294.2
-90	148.7	-90	221.2

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CANDELA TABULATION

Maximum Candela = 14059.5
 Beam Edge = 7029.75 Cd (50% of Max.)
 Field Edge = 1405.95 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	148.6	155.3	170.3	184.0	191.8	194.5	195.6	196.3	196.5	196.6
85.0	148.6	158.0	179.3	202.2	219.6	230.3	236.1	242.2	246.7	250.4
75.0	148.6	164.3	215.0	281.1	350.0	397.1	426.8	454.4	479.8	500.0
65.0	148.6	172.8	268.3	395.1	526.5	619.8	676.6	729.0	773.6	811.7
55.0	148.6	182.8	328.6	518.8	713.0	853.4	946.4	1035.5	1112.5	1177.1
47.5	148.7	190.8	374.0	608.4	850.8	1040.2	1170.6	1301.3	1416.5 *	1515.0 *
42.5	148.7	196.0	402.7	664.1	941.6	1171.1	1334.1	1497.8 *	1649.9 *	1785.1 *
37.5	148.7	201.2	429.5	715.3	1031.2	1304.3	1499.9 *	1712.4 *	1915.0 *	2111.0 *
33.0	148.7	204.7	450.8	757.0	1109.6	1423.6 *	1659.3 *	1925.9 *	2188.6 *	2447.1 *
29.0	148.7	208.0	467.6	790.5	1173.4	1527.9 *	1803.5 *	2132.0 *	2457.7 *	2808.8 *
25.5	148.7	210.5	480.7	817.0	1225.1	1615.4 *	1930.2 *	2311.1 *	2711.8 *	3134.2 *
22.5	148.7	212.4	490.4	837.9	1265.8	1686.1 *	2039.9 *	2465.5 *	2941.6 *	3466.3 *
19.5	148.7	214.0	499.0	854.2	1303.4	1749.5 *	2131.8 *	2619.3 *	3168.4 *	3775.4 *
17.0	148.7	215.1	505.5	866.5	1331.3	1798.6 *	2210.8 *	2741.8 *	3353.6 *	4041.7 *
15.0	148.7	215.9	510.2	875.2	1351.4	1836.0 *	2270.2 *	2833.8 *	3497.8 *	4248.0 *
13.0	148.7	216.6	514.2	882.8	1369.9	1869.7 *	2333.2 *	2923.7 *	3637.6 *	4446.4 *
11.0	148.7	219.0	517.6	889.1	1383.8	1900.0 *	2375.2 *	3005.4 *	3771.3 *	4627.6 *
9.0	148.7	218.8	520.3	894.5	1396.1	1925.2 *	2418.3 *	3078.5 *	3902.0 *	4801.6 *
7.0	148.7	218.5	522.4	898.6	1405.5	1945.9 *	2450.8 *	3146.7 *	3988.4 *	4949.6 *
5.0	148.7	218.3	526.0	901.5	1412.4 *	1961.6 *	2476.7 *	3185.2 *	4062.4 *	5066.7 *
3.0	148.7	218.1	525.4	904.5	1419.7 *	1971.7 *	2492.6 *	3218.0 *	4112.2 *	5149.8 *
1.0	148.7	217.8	524.9	903.2	1417.8 *	1976.2 *	2498.7 *	3235.9 *	4150.9 *	5206.8 *
0.0	148.7	217.7	524.6	902.5	1416.9 *	1976.3 *	2498.3 *	3239.1 *	4156.6 *	5215.4 *
-1.0	148.7	217.7	524.5	902.6	1417.3 *	1975.6 *	2499.4 *	3240.4 *	4167.1 *	5229.8 *
-3.0	148.7	217.7	524.3	902.8	1418.0 *	1970.0 *	2494.6 *	3231.0 *	4160.1 *	5217.8 *
-5.0	148.7	217.6	524.1	898.7	1409.5 *	1958.5 *	2480.5 *	3203.9 *	4122.3 *	5172.6 *
-7.0	148.7	217.6	519.8	894.8	1401.5	1941.9 *	2457.4 *	3169.4 *	4056.4 *	5082.9 *
-9.0	148.7	217.6	517.0	889.6	1389.9	1920.7 *	2426.2 *	3109.5 *	3984.0 *	4955.8 *
-11.0	148.7	217.6	513.5	883.0	1375.4	1894.8 *	2384.9 *	3046.4 *	3863.0 *	4793.0 *
-13.0	148.7	214.9	509.4	875.2	1359.2	1865.7 *	2344.2 *	2969.0 *	3737.1 *	4609.6 *
-15.0	148.7	214.0	504.7	866.0	1338.4	1833.2 *	2281.3 *	2878.4 *	3593.2 *	4404.5 *
-17.0	148.7	212.9	499.4	855.7	1316.8	1796.6 *	2222.1 *	2783.5 *	3438.1 *	4179.8 *
-19.5	148.7	211.5	492.1	841.2	1286.8	1743.9 *	2143.1 *	2655.7 *	3240.7 *	3894.3 *
-22.5	148.7	209.5	482.5	822.1	1247.2	1674.0 *	2043.8 *	2492.8 *	3001.8 *	3573.4 *
-25.5	148.7	207.2	471.6	798.9	1206.1	1600.1 *	1928.7 *	2323.6 *	2760.3 *	3215.4 *
-29.0	148.7	204.2	457.3	770.1	1152.5	1511.6 *	1797.1 *	2139.2 *	2492.0 *	2863.2 *
-33.0	148.7	200.4	438.9	734.5	1086.6	1404.9	1648.4 *	1928.8 *	2211.2 *	2484.1 *
-37.5	148.6	196.4	415.7	691.3	1007.7	1281.9	1484.8 *	1706.8 *	1923.2 *	2128.0 *
-42.5	148.6	190.9	387.7	639.1	917.5	1148.9	1318.2	1489.1 *	1649.7 *	1794.0 *
-47.5	148.6	185.5	357.8	582.4	825.1	1017.7	1152.1	1289.0	1411.5 *	1518.6 *
-55.0	148.6	177.1	311.4	492.2	687.1	830.9	927.3	1023.4	1108.8	1179.8
-65.0	148.6	166.3	251.1	371.1	501.7	598.4	660.9	720.4	771.3	813.6
-75.0	148.6	157.4	198.4	259.4	329.6	381.2	413.9	447.1	476.6	503.1
-85.0	148.6	150.9	162.4	180.8	200.3	214.5	223.0	232.6	241.2	249.9
-90.0	148.6	148.2	152.8	162.6	171.3	176.6	179.7	183.2	187.5	192.1

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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	197.4	198.6	199.9	200.9	201.8	202.5	203.3	203.8	204.1	204.4
85.0	253.6	256.9	260.3	262.9	264.8	266.1	269.2	269.5	269.6	269.7
75.0	514.7	526.9	539.0	547.6	553.7	558.9	563.3	566.8	569.3	573.1
65.0	841.4	864.2	885.2	901.9	914.3	925.5	934.9	942.7	948.4	952.7
55.0	1229.1	1273.4	1313.5	1343.8	1366.6	1388.5	1406.6 *	1423.6 *	1435.6 *	1443.4 *
47.5	1599.1 *	1666.7 *	1731.7 *	1786.2 *	1826.9 *	1862.7 *	1895.5 *	1923.4 *	1946.7 *	1964.2 *
42.5	1902.8 *	2006.6 *	2098.3 *	2174.0 *	2231.3 *	2293.5 *	2339.0 *	2385.2 *	2423.2 *	2448.6 *
37.5	2275.1 *	2421.5 *	2566.5 *	2679.8 *	2769.0 *	2859.2 *	2939.0 *	3009.9 *	3077.6 *	3117.3 *
33.0	2680.5 *	2892.8 *	3106.8 *	3284.0 *	3424.8 *	3555.6 *	3672.7 *	3795.5 *	3880.6 *	3957.7 *
29.0	3113.6 *	3428.4 *	3717.5 *	3976.9 *	4178.4 *	4358.6 *	4529.6 *	4685.1 *	4813.0 *	4915.6 *
25.5	3551.3 *	3946.9 *	4345.8 *	4685.9 *	4953.7 *	5204.7 *	5436.4 *	5638.6 *	5795.0 *	5915.3 *
22.5	3961.3 *	4448.6 *	4943.2 *	5360.8 *	5683.9 *	6001.0 *	6287.9 *	6523.3 *	6707.7 *	6862.3 *
19.5	4376.2 *	4967.6 *	5564.0 *	6071.1 *	6460.9 *	6811.3 *	7155.3 *	7425.3 *	7638.3 *	7814.2 *
17.0	4733.4 *	5389.9 *	6079.9 *	6650.0 *	7091.0 *	7483.3 *	7838.6 *	8156.4 *	8414.0 *	8613.8 *
15.0	5007.1 *	5726.8 *	6476.4 *	7095.9 *	7602.0 *	7997.0 *	8377.1 *	8732.1 *	9035.9 *	9266.9 *
13.0	5268.8 *	6045.5 *	6852.3 *	7504.0 *	8023.3 *	8491.7 *	8914.3 *	9301.4 *	9656.7 *	9940.3 *
11.0	5517.8 *	6342.5 *	7206.1 *	7889.1 *	8414.7 *	8947.6 *	9437.4 *	9897.7 *	10295.5 *	10671.3 *
9.0	5744.7 *	6614.2 *	7520.7 *	8246.2 *	8806.1 *	9366.3 *	9917.8 *	10460.1 *	10948.1 *	11345.0 *
7.0	5941.1 *	6857.8 *	7779.9 *	8544.6 *	9147.7 *	9761.2 *	10386.4 *	10975.7 *	11564.2 *	12027.0 *
5.0	6088.3 *	7045.5 *	7996.2 *	8787.7 *	9433.7 *	10089.5 *	10802.0 *	11464.1 *	12077.7 *	12661.6 *
3.0	6206.3 *	7168.8 *	8142.6 *	8956.1 *	9628.7 *	10342.8 *	11084.0 *	11811.2 *	12516.0 *	13086.3 *
1.0	6285.9 *	7254.9 *	8232.3 *	9082.0 *	9775.9 *	10497.4 *	11264.5 *	12060.3 *	12799.4 *	13399.6 *
0.0	6309.7 *	7279.6 *	8249.5 *	9091.0 *	9795.5 *	10532.1 *	11298.6 *	12078.4 *	12819.5 *	13434.5 *
-1.0	6318.7 *	7292.3 *	8261.0 *	9102.7 *	9806.2 *	10545.4 *	11322.5 *	12100.9 *	12837.2 *	13446.0 *
-3.0	6296.8 *	7262.3 *	8221.9 *	9037.9 *	9708.8 *	10415.4 *	11158.2 *	11934.7 *	12648.0 *	13218.0 *
-5.0	6219.5 *	7165.5 *	8096.3 *	8892.7 *	9549.3 *	10229.5 *	10955.3 *	11615.2 *	12280.8 *	12874.5 *
-7.0	6100.6 *	7012.2 *	7934.1 *	8692.0 *	9310.9 *	9924.1 *	10567.2 *	11200.1 *	11800.2 *	12287.2 *
-9.0	5935.1 *	6827.4 *	7711.3 *	8424.1 *	8995.7 *	9561.1 *	10124.1 *	10675.1 *	11191.8 *	11630.2 *
-11.0	5730.7 *	6580.2 *	7423.0 *	8096.9 *	8621.7 *	9134.0 *	9634.4 *	10116.6 *	10559.8 *	10941.5 *
-13.0	5495.5 *	6299.6 *	7101.5 *	7738.6 *	8221.5 *	8687.7 *	9128.7 *	9544.6 *	9891.6 *	10214.2 *
-15.0	5231.7 *	5989.3 *	6743.9 *	7336.9 *	7816.8 *	8196.2 *	8591.4 *	8942.7 *	9254.3 *	9510.5 *
-17.0	4944.2 *	5648.2 *	6335.7 *	6891.1 *	7305.3 *	7687.4 *	8042.0 *	8347.2 *	8610.8 *	8827.9 *
-19.5	4569.8 *	5183.4 *	5803.0 *	6306.2 *	6683.1 *	7036.4 *	7332.2 *	7585.3 *	7816.6 *	7998.0 *
-22.5	4113.8 *	4624.7 *	5147.3 *	5575.5 *	5901.7 *	6184.5 *	6438.6 *	6672.2 *	6862.1 *	7005.9 *
-25.5	3663.7 *	4072.0 *	4489.9 *	4841.1 *	5107.5 *	5347.6 *	5561.2 *	5755.4 *	5907.3 *	6025.2 *
-29.0	3188.1 *	3513.4 *	3820.7 *	4080.7 *	4278.2 *	4452.5 *	4622.6 *	4772.8 *	4897.1 *	4995.3 *
-33.0	2729.1 *	2952.2 *	3179.0 *	3358.7 *	3494.6 *	3624.0 *	3746.1 *	3864.2 *	3935.8 *	4000.1 *
-37.5	2302.4 *	2459.9 *	2619.4 *	2740.7 *	2831.4 *	2917.5 *	2995.6 *	3065.3 *	3131.8 *	3170.7 *
-42.5	1921.6 *	2035.4 *	2136.5 *	2222.5 *	2287.7 *	2353.9 *	2399.0 *	2445.3 *	2484.7 *	2514.1 *
-47.5	1611.4 *	1689.4 *	1763.4 *	1822.1 *	1866.1 *	1903.3 *	1936.8 *	1965.7 *	1990.1 *	2010.7 *
-55.0	1238.2	1287.6	1334.3	1370.9	1396.3	1420.0 *	1438.0 *	1454.3 *	1467.6 *	1477.9 *
-65.0	846.6	873.2	898.7	918.2	932.4	945.1	955.9	965.3	971.7	976.6
-75.0	521.6	536.6	550.4	561.6	569.9	577.2	583.8	589.3	593.3	598.8
-85.0	258.1	263.7	268.8	273.0	276.3	279.0	283.5	285.1	286.5	288.0
-90.0	196.9	200.3	203.4	205.8	207.7	209.4	211.0	212.4	213.4	214.5

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	203.0	201.7	201.1	201.7	203.0	204.4	204.1	203.8	203.3	202.5
85.0	268.9	268.1	267.7	268.1	268.9	269.7	269.6	269.5	269.2	266.1
75.0	571.3	569.4	568.4	569.4	571.3	573.1	569.3	566.8	563.3	558.9
65.0	953.3	948.7	946.4	948.7	953.3	952.7	948.4	942.7	934.9	925.5

CANDELA TABULATION - (Cont.)

55.0	1448.4 *	1442.0 *	1438.8 *	1442.0 *	1448.4 *	1443.4 *	1435.6 *	1423.6 *	1406.6 *	1388.5
47.5	1972.2 *	1966.9 *	1962.2 *	1966.9 *	1972.2 *	1964.2 *	1946.7 *	1923.4 *	1895.5 *	1862.7 *
42.5	2462.9 *	2461.4 *	2457.4 *	2461.4 *	2462.9 *	2448.6 *	2423.2 *	2385.2 *	2339.0 *	2293.5 *
37.5	3148.9 *	3147.1 *	3140.5 *	3147.1 *	3148.9 *	3117.3 *	3077.6 *	3009.9 *	2939.0 *	2859.2 *
33.0	3999.3 *	4008.0 *	3998.5 *	4008.0 *	3999.3 *	3957.7 *	3880.6 *	3795.5 *	3672.7 *	3555.6 *
29.0	4978.3 *	5001.5 *	4991.8 *	5001.5 *	4978.3 *	4915.6 *	4813.0 *	4685.1 *	4529.6 *	4358.6 *
25.5	6005.6 *	6031.3 *	6018.3 *	6031.3 *	6005.6 *	5915.3 *	5795.0 *	5638.6 *	5436.4 *	5204.7 *
22.5	6960.3 *	6993.5 *	6980.1 *	6993.5 *	6960.3 *	6862.3 *	6707.7 *	6523.3 *	6287.9 *	6001.0 *
19.5	7931.4 *	7972.0 *	7965.2 *	7972.0 *	7931.4 *	7814.2 *	7638.3 *	7425.3 *	7155.3 *	6811.3 *
17.0	8743.6 *	8806.2 *	8781.9 *	8806.2 *	8743.6 *	8613.8 *	8414.0 *	8156.4 *	7838.6 *	7483.3 *
15.0	9416.6 *	9498.0 *	9460.6 *	9498.0 *	9416.6 *	9266.9 *	9035.9 *	8732.1 *	8377.1 *	7997.0 *
13.0	10124.7 *	10233.9 *	10185.4 *	10233.9 *	10124.7 *	9940.3 *	9656.7 *	9301.4 *	8914.3 *	8491.7 *
11.0	10867.1 *	11007.2 *	10960.2 *	11007.2 *	10867.1 *	10671.3 *	10295.5 *	9897.7 *	9437.4 *	8947.6 *
9.0	11631.2 *	11797.6 *	11764.5 *	11797.6 *	11631.2 *	11345.0 *	10948.1 *	10460.1 *	9917.8 *	9366.3 *
7.0	12367.8 *	12562.3 *	12532.2 *	12562.3 *	12367.8 *	12027.0 *	11564.2 *	10975.7 *	10386.4 *	9761.2 *
5.0	13012.9 *	13216.0 *	13172.3 *	13216.0 *	13012.9 *	12661.6 *	12077.7 *	11464.1 *	10802.0 *	10089.5 *
3.0	13478.6 *	13662.7 *	13635.0 *	13662.7 *	13478.6 *	13086.3 *	12516.0 *	11811.2 *	11084.0 *	10342.8 *
1.0	13778.2 *	13947.7 *	13906.7 *	13947.7 *	13778.2 *	13399.6 *	12799.4 *	12060.3 *	11264.5 *	10497.4 *
0.0	13853.2 *	14059.5 *	14035.4 *	14059.5 *	13853.2 *	13434.5 *	12819.5 *	12078.4 *	11298.6 *	10532.1 *
-1.0	13831.2 *	13996.0 *	13982.6 *	13996.0 *	13831.2 *	13446.0 *	12837.2 *	12100.9 *	11322.5 *	10545.4 *
-3.0	13622.6 *	13803.9 *	13828.2 *	13803.9 *	13622.6 *	13218.0 *	12648.0 *	11934.7 *	11158.2 *	10415.4 *
-5.0	13226.6 *	13437.2 *	13441.1 *	13437.2 *	13226.6 *	12874.5 *	12280.8 *	11615.2 *	10955.3 *	10229.5 *
-7.0	12651.5 *	12858.3 *	12845.4 *	12858.3 *	12651.5 *	12287.2 *	11800.2 *	11200.1 *	10567.2 *	9924.1 *
-9.0	11951.6 *	12117.3 *	12118.7 *	12117.3 *	11951.6 *	11630.2 *	11191.8 *	10675.1 *	10124.1 *	9561.1 *
-11.0	11188.0 *	11324.4 *	11337.6 *	11324.4 *	11188.0 *	10941.5 *	10559.8 *	10116.6 *	9634.4 *	9134.0 *
-13.0	10417.3 *	10540.8 *	10555.4 *	10540.8 *	10417.3 *	10214.2 *	9891.6 *	9544.6 *	9128.7 *	8687.7 *
-15.0	9679.6 *	9786.5 *	9792.8 *	9786.5 *	9679.6 *	9510.5 *	9254.3 *	8942.7 *	8591.4 *	8196.2 *
-17.0	8977.7 *	9055.1 *	9055.1 *	9055.1 *	8977.7 *	8827.9 *	8610.8 *	8347.2 *	8042.0 *	7687.4 *
-19.5	8111.4 *	8159.0 *	8168.6 *	8159.0 *	8111.4 *	7998.0 *	7816.6 *	7585.3 *	7332.2 *	7036.4 *
-22.5	7086.4 *	7131.0 *	7140.5 *	7131.0 *	7086.4 *	7005.9 *	6862.1 *	6672.2 *	6438.6 *	6184.5 *
-25.5	6105.0 *	6144.6 *	6149.1 *	6144.6 *	6105.0 *	6025.2 *	5907.3 *	5755.4 *	5561.2 *	5347.6 *
-29.0	5053.7 *	5087.4 *	5085.8 *	5087.4 *	5053.7 *	4995.3 *	4897.1 *	4772.8 *	4622.6 *	4452.5 *
-33.0	4041.5 *	4075.4 *	4080.4 *	4075.4 *	4041.5 *	4000.1 *	3935.8 *	3864.2 *	3746.1 *	3624.0 *
-37.5	3203.8 *	3227.1 *	3233.4 *	3227.1 *	3203.8 *	3170.7 *	3131.8 *	3065.3 *	2995.6 *	2917.5 *
-42.5	2535.7 *	2554.0 *	2559.8 *	2554.0 *	2535.7 *	2514.1 *	2484.7 *	2445.3 *	2399.0 *	2353.9 *
-47.5	2028.0 *	2043.9 *	2049.9 *	2043.9 *	2028.0 *	2010.7 *	1990.1 *	1965.7 *	1936.8 *	1903.3 *
-55.0	1492.6 *	1501.5 *	1505.9 *	1501.5 *	1492.6 *	1477.9 *	1467.6 *	1454.3 *	1438.0 *	1420.0 *
-65.0	986.4	993.4	996.9	993.4	986.4	976.6	971.7	965.3	955.9	945.1
-75.0	602.4	606.3	608.2	606.3	602.4	598.8	593.3	589.3	583.8	577.2
-85.0	290.5	293.0	294.2	293.0	290.5	288.0	286.5	285.1	283.5	279.0
-90.0	217.2	219.8	221.2	219.8	217.2	214.5	213.4	212.4	211.0	209.4

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	201.8	200.9	199.9	198.6	197.4	196.6	196.5	196.3	195.6	194.5
85.0	264.8	262.9	260.3	256.9	253.6	250.4	246.7	242.2	236.1	230.3
75.0	553.7	547.6	539.0	526.9	514.7	500.0	479.8	454.4	426.8	397.1
65.0	914.3	901.9	885.2	864.2	841.4	811.7	773.6	729.0	676.6	619.8
55.0	1366.6	1343.8	1313.5	1273.4	1229.1	1177.1	1112.5	1035.5	946.4	853.4
47.5	1826.9 *	1786.2 *	1731.7 *	1666.7 *	1599.1 *	1515.0 *	1416.5 *	1301.3	1170.6	1040.2
42.5	2231.3 *	2174.0 *	2098.3 *	2006.6 *	1902.8 *	1785.1 *	1649.9 *	1497.8 *	1334.1	1171.1
37.5	2769.0 *	2679.8 *	2566.5 *	2421.5 *	2275.1 *	2111.0 *	1915.0 *	1712.4 *	1499.9 *	1304.3
33.0	3424.8 *	3284.0 *	3106.8 *	2892.8 *	2680.5 *	2447.1 *	2188.6 *	1925.9 *	1659.3 *	1423.6 *
29.0	4178.4 *	3976.9 *	3717.5 *	3428.4 *	3113.6 *	2808.8 *	2457.7 *	2132.0 *	1803.5 *	1527.9 *
25.5	4953.7 *	4685.9 *	4345.8 *	3946.9 *	3551.3 *	3134.2 *	2711.8 *	2311.1 *	1930.2 *	1615.4 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : FL2-20L-50-8-N6-U-Y-GM.IES

CANDELA TABULATION - (Cont.)

22.5	5683.9 *	5360.8 *	4943.2 *	4448.6 *	3961.3 *	3466.3 *	2941.6 *	2465.5 *	2039.9 *	1686.1 *
19.5	6460.9 *	6071.1 *	5564.0 *	4967.6 *	4376.2 *	3775.4 *	3168.4 *	2619.3 *	2131.8 *	1749.5 *
17.0	7091.0 *	6650.0 *	6079.9 *	5389.9 *	4733.4 *	4041.7 *	3353.6 *	2741.8 *	2210.8 *	1798.6 *
15.0	7602.0 *	7095.9 *	6476.4 *	5726.8 *	5007.1 *	4248.0 *	3497.8 *	2833.8 *	2270.2 *	1836.0 *
13.0	8023.3 *	7504.0 *	6852.3 *	6045.5 *	5268.8 *	4446.4 *	3637.6 *	2923.7 *	2333.2 *	1869.7 *
11.0	8414.7 *	7889.1 *	7206.1 *	6342.5 *	5517.8 *	4627.6 *	3771.3 *	3005.4 *	2375.2 *	1900.0 *
9.0	8806.1 *	8246.2 *	7520.7 *	6614.2 *	5744.7 *	4801.6 *	3902.0 *	3078.5 *	2418.3 *	1925.2 *
7.0	9147.7 *	8544.6 *	7779.9 *	6857.8 *	5941.1 *	4949.6 *	3988.4 *	3146.7 *	2450.8 *	1945.9 *
5.0	9433.7 *	8787.7 *	7996.2 *	7045.5 *	6088.3 *	5066.7 *	4062.4 *	3185.2 *	2476.7 *	1961.6 *
3.0	9628.7 *	8956.1 *	8142.6 *	7168.8 *	6206.3 *	5149.8 *	4112.2 *	3218.0 *	2492.6 *	1971.7 *
1.0	9775.9 *	9082.0 *	8232.3 *	7254.9 *	6285.9 *	5206.8 *	4150.9 *	3235.9 *	2498.7 *	1976.2 *
0.0	9795.5 *	9091.0 *	8249.5 *	7279.6 *	6309.7 *	5215.4 *	4156.6 *	3239.1 *	2498.3 *	1976.3 *
-1.0	9806.2 *	9102.7 *	8261.0 *	7292.3 *	6318.7 *	5229.8 *	4167.1 *	3240.4 *	2499.4 *	1975.6 *
-3.0	9708.8 *	9037.9 *	8221.9 *	7262.3 *	6296.8 *	5217.8 *	4160.1 *	3231.0 *	2494.6 *	1970.0 *
-5.0	9549.3 *	8892.7 *	8096.3 *	7165.5 *	6219.5 *	5172.6 *	4122.3 *	3203.9 *	2480.5 *	1958.5 *
-7.0	9310.9 *	8692.0 *	7934.1 *	7012.2 *	6100.6 *	5082.9 *	4056.4 *	3169.4 *	2457.4 *	1941.9 *
-9.0	8995.7 *	8424.1 *	7711.3 *	6827.4 *	5935.1 *	4955.8 *	3984.0 *	3109.5 *	2426.2 *	1920.7 *
-11.0	8621.7 *	8096.9 *	7423.0 *	6580.2 *	5730.7 *	4793.0 *	3863.0 *	3046.4 *	2384.9 *	1894.8 *
-13.0	8221.5 *	7738.6 *	7101.5 *	6299.6 *	5495.5 *	4609.6 *	3737.1 *	2969.0 *	2344.2 *	1865.7 *
-15.0	7816.8 *	7336.9 *	6743.9 *	5989.3 *	5231.7 *	4404.5 *	3593.2 *	2878.4 *	2281.3 *	1833.2 *
-17.0	7305.3 *	6891.1 *	6335.7 *	5648.2 *	4944.2 *	4179.8 *	3438.1 *	2783.5 *	2222.1 *	1796.6 *
-19.5	6683.1 *	6306.2 *	5803.0 *	5183.4 *	4569.8 *	3894.3 *	3240.7 *	2655.7 *	2143.1 *	1743.9 *
-22.5	5901.7 *	5575.5 *	5147.3 *	4624.7 *	4113.8 *	3573.4 *	3001.8 *	2492.8 *	2043.8 *	1674.0 *
-25.5	5107.5 *	4841.1 *	4489.9 *	4072.0 *	3663.7 *	3215.4 *	2760.3 *	2323.6 *	1928.7 *	1600.1 *
-29.0	4278.2 *	4080.7 *	3820.7 *	3513.4 *	3188.1 *	2863.2 *	2492.0 *	2139.2 *	1797.1 *	1511.6 *
-33.0	3494.6 *	3358.7 *	3179.0 *	2952.2 *	2729.1 *	2484.1 *	2211.2 *	1928.8 *	1648.4 *	1404.9 *
-37.5	2831.4 *	2740.7 *	2619.4 *	2459.9 *	2302.4 *	2128.0 *	1923.2 *	1706.8 *	1484.8 *	1281.9 *
-42.5	2287.7 *	2222.5 *	2136.5 *	2035.4 *	1921.6 *	1794.0 *	1649.7 *	1489.1 *	1318.2 *	1148.9 *
-47.5	1866.1 *	1822.1 *	1763.4 *	1689.4 *	1611.4 *	1518.6 *	1411.5 *	1289.0 *	1152.1 *	1017.7 *
-55.0	1396.3	1370.9	1334.3	1287.6	1238.2	1179.8	1108.8	1023.4	927.3	830.9
-65.0	932.4	918.2	898.7	873.2	846.6	813.6	771.3	720.4	660.9	598.4
-75.0	569.9	561.6	550.4	536.6	521.6	503.1	476.6	447.1	413.9	381.2
-85.0	276.3	273.0	268.8	263.7	258.1	249.9	241.2	232.6	223.0	214.5
-90.0	207.7	205.8	203.4	200.3	196.9	192.1	187.5	183.2	179.7	176.6

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	191.8	184.0	170.3	155.3	148.6
85.0	219.6	202.2	179.3	158.0	148.6
75.0	350.0	281.1	215.0	164.3	148.6
65.0	526.5	395.1	268.3	172.8	148.6
55.0	713.0	518.8	328.6	182.8	148.6
47.5	850.8	608.4	374.0	190.8	148.7
42.5	941.6	664.1	402.7	196.0	148.7
37.5	1031.2	715.3	429.5	201.2	148.7
33.0	1109.6	757.0	450.8	204.7	148.7
29.0	1173.4	790.5	467.6	208.0	148.7
25.5	1225.1	817.0	480.7	210.5	148.7
22.5	1265.8	837.9	490.4	212.4	148.7
19.5	1303.4	854.2	499.0	214.0	148.7
17.0	1331.3	866.5	505.5	215.1	148.7
15.0	1351.4	875.2	510.2	215.9	148.7
13.0	1369.9	882.8	514.2	216.6	148.7
11.0	1383.8	889.1	517.6	219.0	148.7
9.0	1396.1	894.5	520.3	218.8	148.7

IES FLOOD REPORT
PHOTOMETRIC FILENAME : FL2-20L-50-8-N6-U-Y-GM.IES

CANDELA TABULATION - (Cont.)

7.0	1405.5	898.6	522.4	218.5	148.7
5.0	1412.4 *	901.5	526.0	218.3	148.7
3.0	1419.7 *	904.5	525.4	218.1	148.7
1.0	1417.8 *	903.2	524.9	217.8	148.7
0.0	1416.9 *	902.5	524.6	217.7	148.7
-1.0	1417.3 *	902.6	524.5	217.7	148.7
-3.0	1418.0 *	902.8	524.3	217.7	148.7
-5.0	1409.5 *	898.7	524.1	217.6	148.7
-7.0	1401.5	894.8	519.8	217.6	148.7
-9.0	1389.9	889.6	517.0	217.6	148.7
-11.0	1375.4	883.0	513.5	217.6	148.7
-13.0	1359.2	875.2	509.4	214.9	148.7
-15.0	1338.4	866.0	504.7	214.0	148.7
-17.0	1316.8	855.7	499.4	212.9	148.7
-19.5	1286.8	841.2	492.1	211.5	148.7
-22.5	1247.2	822.1	482.5	209.5	148.7
-25.5	1206.1	798.9	471.6	207.2	148.7
-29.0	1152.5	770.1	457.3	204.2	148.7
-33.0	1086.6	734.5	438.9	200.4	148.7
-37.5	1007.7	691.3	415.7	196.4	148.6
-42.5	917.5	639.1	387.7	190.9	148.6
-47.5	825.1	582.4	357.8	185.5	148.6
-55.0	687.1	492.2	311.4	177.1	148.6
-65.0	501.7	371.1	251.1	166.3	148.6
-75.0	329.6	259.4	198.4	157.4	148.6
-85.0	200.3	180.8	162.4	150.9	148.6
-90.0	171.3	162.6	152.8	148.2	148.6

IES FLOOD REPORT
PHOTOMETRIC FILENAME : FL2-20L-50-8-N6-U-Y-GM.IES

LUMEN TABULATION

Average Of Right And Left Sides
 Total Luminaire Lumens (one side of beam only) = 7020.07
 Total Field Lumens (one side of beam only) = 5855.45
 * 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	0.36	0.72	0.72	0.72	0.71	0.71	0.70	0.69	0.68	0.84
85	1.27	2.55	2.56	2.55	2.53	2.50	2.47	2.43	2.38	2.91
75	2.31	4.63	4.63	4.61	4.57	4.51	4.44	4.36	4.27	5.20
65	3.64	7.29	7.29	7.24	7.16	7.06	6.94	6.79	6.63	8.04
55	3.89 *	7.80 *	7.78 *	7.71 *	7.61 *	7.48 *	7.32 *	7.14 *	6.94 *	8.37 *
47.5	3.37 *	6.75 *	6.72 *	6.65 *	6.54 *	6.41 *	6.25 *	6.07 *	5.87 *	7.04 *
42.5	4.27 *	8.54 *	8.49 *	8.38 *	8.22 *	8.00 *	7.77 *	7.50 *	7.21 *	8.60 *
37.5	4.90 *	9.80 *	9.72 *	9.57 *	9.34 *	9.06 *	8.73 *	8.38 *	8.01 *	9.47 *
33	5.48 *	10.95 *	10.85 *	10.64 *	10.36 *	10.01 *	9.60 *	9.17 *	8.70 *	10.19 *
29	5.88 *	11.73 *	11.60 *	11.37 *	11.05 *	10.65 *	10.18 *	9.67 *	9.12 *	10.58 *
25.5	5.95 *	11.87 *	11.73 *	11.49 *	11.16 *	10.75 *	10.25 *	9.68 *	9.08 *	10.49 *
22.5	6.83 *	13.63 *	13.48 *	13.19 *	12.80 *	12.33 *	11.73 *	11.06 *	10.35 *	11.90 *
19.5	6.38 *	12.73 *	12.57 *	12.30 *	11.93 *	11.46 *	10.91 *	10.29 *	9.62 *	11.01 *
17	5.57 *	11.10 *	10.95 *	10.70 *	10.36 *	9.93 *	9.44 *	8.92 *	8.33 *	9.51 *
15	6.00 *	11.96 *	11.77 *	11.48 *	11.08 *	10.60 *	10.06 *	9.49 *	8.85 *	10.10 *
13	6.46 *	12.86 *	12.64 *	12.29 *	11.81 *	11.26 *	10.66 *	10.01 *	9.32 *	10.65 *
11	6.93 *	13.79 *	13.53 *	13.10 *	12.55 *	11.91 *	11.22 *	10.50 *	9.77 *	11.16 *
9	7.41 *	14.72 *	14.39 *	13.90 *	13.26 *	12.52 *	11.75 *	10.96 *	10.17 *	11.60 *
7	7.84 *	15.57 *	15.21 *	14.64 *	13.90 *	13.09 *	12.23 *	11.36 *	10.52 *	11.97 *
5	8.18 *	16.25 *	15.87 *	15.25 *	14.44 *	13.55 *	12.61 *	11.67 *	10.78 *	12.25 *
3	8.40 *	16.70 *	16.33 *	15.69 *	14.84 *	13.86 *	12.87 *	11.89 *	10.96 *	12.44 *
1	4.26 *	8.47 *	8.27 *	7.94 *	7.50 *	7.00 *	6.49 *	6.00 *	5.53 *	6.27 *
0	4.27 *	8.48 *	8.29 *	7.96 *	7.52 *	7.02 *	6.51 *	6.01 *	5.53 *	6.27 *
-1	8.47 *	16.82 *	16.44 *	15.80 *	14.94 *	13.95 *	12.94 *	11.96 *	11.03 *	12.52 *
-3	8.30 *	16.47 *	16.09 *	15.46 *	14.62 *	13.70 *	12.74 *	11.79 *	10.89 *	12.38 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : FL2-20L-50-8-N6-U-Y-GM.IES

LUMENS TABULATION - (Cont.)

-5	8.01 *	15.88 *	15.51 *	14.92 *	14.15 *	13.30 *	12.42 *	11.53 *	10.67 *	12.15 *
-7	7.61 *	15.09 *	14.74 *	14.21 *	13.53 *	12.77 *	11.97 *	11.17 *	10.37 *	11.85 *
-9	7.14 *	14.18 *	13.89 *	13.43 *	12.83 *	12.16 *	11.46 *	10.73 *	10.00 *	11.45 *
-11	6.66 *	13.23 *	12.99 *	12.60 *	12.10 *	11.53 *	10.90 *	10.25 *	9.57 *	10.98 *
-13	6.19 *	12.31 *	12.10 *	11.78 *	11.35 *	10.86 *	10.31 *	9.73 *	9.11 *	10.46 *
-15	5.74 *	11.42 *	11.24 *	10.97 *	10.60 *	10.18 *	9.69 *	9.16 *	8.59 *	9.87 *
-17	6.56 *	13.05 *	12.88 *	12.59 *	12.20 *	11.74 *	11.21 *	10.61 *	9.95 *	11.45 *
-19.5	6.99 *	13.92 *	13.77 *	13.49 *	13.09 *	12.61 *	12.06 *	11.44 *	10.75 *	12.38 *
-22.5	6.07 *	12.09 *	11.95 *	11.72 *	11.40 *	10.99 *	10.52 *	9.99 *	9.41 *	10.88 *
-25.5	5.99 *	11.93 *	11.79 *	11.57 *	11.26 *	10.87 *	10.42 *	9.92 *	9.38 *	10.90 *
-29	5.58 *	11.12 *	10.99 *	10.80 *	10.54 *	10.20 *	9.80 *	9.37 *	8.91 *	10.44 *
-33	5.01 *	9.96 *	9.86 *	9.70 *	9.50 *	9.23 *	8.90 *	8.56 *	8.19 *	9.68 *
-37.5	4.41 *	8.77 *	8.68 *	8.56 *	8.39 *	8.18 *	7.94 *	7.68 *	7.38 *	8.79 *
-42.5	3.51 *	6.97 *	6.90 *	6.82 *	6.70 *	6.56 *	6.40 *	6.21 *	6.00 *	7.18 *
-47.5	4.06 *	8.07 *	7.99 *	7.89 *	7.78 *	7.64 *	7.48 *	7.30 *	7.09 *	8.53 *
-55	3.81	7.57	7.50	7.41	7.33	7.22	7.09	6.94	6.76	8.18
-65	2.44	4.85	4.81	4.76	4.70	4.64	4.56	4.47	4.37	5.30
-75	1.37	2.73	2.70	2.68	2.65	2.61	2.57	2.52	2.46	2.99
-85	0.39	0.78	0.77	0.76	0.75	0.74	0.73	0.72	0.70	0.86
-90										
Total	234.13	466.08	459.01	447.28	431.65	413.37	393.27	372.12	350.20	406.08

Vert. Horizontal 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	0.98	0.95	1.06	1.16	1.23	1.27	1.15	1.49	1.52	0.96
85	3.38	3.24	3.60	3.86	3.98	3.96	3.47	4.28	4.00	2.28
75	6.00	5.73	6.32	6.70	6.82	6.67	5.71	6.76	5.90	3.02
65	9.25	8.78	9.62	10.12	10.21	9.88	8.33	9.69	8.19	3.93
55	9.57 *	9.03 *	9.81	10.22	10.21	9.74	8.10	9.26	7.68	3.57
47.5	8.00 *	7.49 *	8.06 *	8.31 *	8.21 *	7.73	6.35	7.15	5.83	2.67

IES FLOOD REPORT
PHOTOMETRIC FILENAME : FL2-20L-50-8-N6-U-Y-GM.IES

LUMENS TABULATION - (Cont.)

42.5	9.70 *	8.98 *	9.56 *	9.74 *	9.48 *	8.81 *	7.15	7.95	6.37	2.88
37.5	10.54 *	9.64 *	10.14 *	10.18 *	9.75 *	8.92 *	7.13 *	7.83	6.18	2.75
33	11.21 *	10.11 *	10.47 *	10.34 *	9.74 *	8.77 *	6.91 *	7.48	5.83	2.57
29	11.52 *	10.26 *	10.45 *	10.15 *	9.41 *	8.35 *	6.48 *	6.93	5.33	2.33
25.5	11.31 *	9.96 *	10.03 *	9.60 *	8.75 *	7.65 *	5.87 *	6.21 *	4.73	2.05
22.5	12.75 *	11.11 *	11.07 *	10.46 *	9.40 *	8.10 *	6.14 *	6.44 *	4.86	2.09
19.5	11.73 *	10.16 *	10.03 *	9.36 *	8.31 *	7.07 *	5.31 *	5.52 *	4.14	1.77
17	10.10 *	8.71 *	8.54 *	7.91 *	6.95 *	5.86 *	4.37 *	4.51 *	3.37	1.43
15	10.71 *	9.20 *	8.99 *	8.26 *	7.21 *	6.04 *	4.47 *	4.59 *	3.41	1.45
13	11.28 *	9.67 *	9.41 *	8.61 *	7.46 *	6.20 *	4.56 *	4.66 *	3.44	1.46
11	11.81 *	10.11 *	9.80 *	8.93 *	7.70 *	6.34 *	4.64 *	4.72 *	3.47	1.47
9	12.27 *	10.50 *	10.16 *	9.21 *	7.90 *	6.47 *	4.71 *	4.77 *	3.49	1.48
7	12.66 *	10.82 *	10.45 *	9.43 *	8.05 *	6.57 *	4.76 *	4.81 *	3.51	1.48
5	12.95 *	11.06 *	10.67 *	9.60 *	8.16 *	6.63 *	4.79 *	4.83 *	3.53	1.49
3	13.14 *	11.23 *	10.83 *	9.72 *	8.24 *	6.67 *	4.81 *	4.85 *	3.53	1.49
1	6.61 *	5.66 *	5.45 *	4.89 *	4.14 *	3.35 *	2.41 *	2.42 *	1.76	0.74
0	6.63 *	5.68 *	5.47 *	4.90 *	4.14 *	3.35 *	2.41 *	2.42 *	1.76	0.74
-1	13.24 *	11.34 *	10.93 *	9.80 *	8.28 *	6.69 *	4.81 *	4.84 *	3.53	1.48
-3	13.11 *	11.25 *	10.85 *	9.75 *	8.24 *	6.65 *	4.79 *	4.83 *	3.52	1.48
-5	12.88 *	11.06 *	10.70 *	9.62 *	8.14 *	6.60 *	4.76 *	4.80 *	3.50	1.48
-7	12.58 *	10.80 *	10.46 *	9.44 *	8.01 *	6.51 *	4.71 *	4.75 *	3.48	1.47
-9	12.17 *	10.47 *	10.15 *	9.19 *	7.84 *	6.40 *	4.64 *	4.70 *	3.45	1.46
-11	11.69 *	10.06 *	9.77 *	8.88 *	7.62 *	6.27 *	4.57 *	4.64 *	3.42	1.45
-13	11.15 *	9.61 *	9.35 *	8.53 *	7.37 *	6.11 *	4.48 *	4.57 *	3.38	1.43
-15	10.54 *	9.10 *	8.89 *	8.15 *	7.10 *	5.93 *	4.38 *	4.49 *	3.33	1.42
-17	12.25 *	10.61 *	10.42 *	9.63 *	8.48 *	7.15 *	5.32 *	5.49 *	4.09	1.75
-19.5	13.28 *	11.58 *	11.48 *	10.74 *	9.56 *	8.17 *	6.14 *	6.38 *	4.79	2.06
-22.5	11.73 *	10.31 *	10.35 *	9.83 *	8.88 *	7.69 *	5.85 *	6.14 *	4.65	2.01

IES FLOOD REPORT
PHOTOMETRIC FILENAME : FL2-20L-50-8-N6-U-Y-GM.IES

LUMENS TABULATION - (Cont.)

-25.5	11.87 *	10.55 *	10.72 *	10.35 *	9.51 *	8.36 *	6.44 *	6.84	5.23	2.27
-29	11.49 *	10.34 *	10.68 *	10.49 *	9.82 *	8.76 *	6.85 *	7.37	5.69	2.50
-33	10.76 *	9.81 *	10.28 *	10.27 *	9.78 *	8.88 *	7.05 *	7.69	6.02	2.67
-37.5	9.86 *	9.10 *	9.65 *	9.78 *	9.47 *	8.75 *	7.04	7.78	6.19	2.78
-42.5	8.13 *	7.57 *	8.11 *	8.32 *	8.17 *	7.65	6.24	6.98	5.64	2.56
-47.5	9.72 *	9.12 *	9.86	10.22	10.14	9.60	7.93	9.00	7.38	3.40
-55	9.37	8.86	9.66	10.11	10.14	9.72	8.12	9.35	7.80	3.71
-65	6.10	5.80	6.36	6.70	6.76	6.54	5.53	6.47	5.56	2.81
-75	3.45	3.30	3.63	3.84	3.91	3.84	3.32	4.02	3.69	2.08
-85	1.00	0.96	1.06	1.14	1.18	1.19	1.07	1.36	1.36	0.86
-90										
Total	440.46	389.67	393.37	376.43	343.85	301.85	234.07	252.07	197.54	89.21

Vert. Angles	Horizontal Angles			Total
	75	85	90	
90	0.44	0.05		19.10
85	0.95	0.10		61.26
75	1.08	0.11		104.36
65	1.26	0.11		157.44
55	1.07	0.08		160.39
47.5	0.77	0.06		132.28
42.5	0.81	0.06		158.47
37.5	0.76	0.05		170.86
33	0.70	0.05		180.14
29	0.63	0.04		183.71
25.5	0.55	0.04		179.20
22.5	0.56	0.04		200.33
19.5	0.47	0.03		183.11
17	0.38	0.02		156.97
15	0.38	0.02		166.14

IES FLOOD REPORT
PHOTOMETRIC FILENAME : FL2-20L-50-8-N6-U-Y-GM.IES

LUMENS TABULATION - (Cont.)

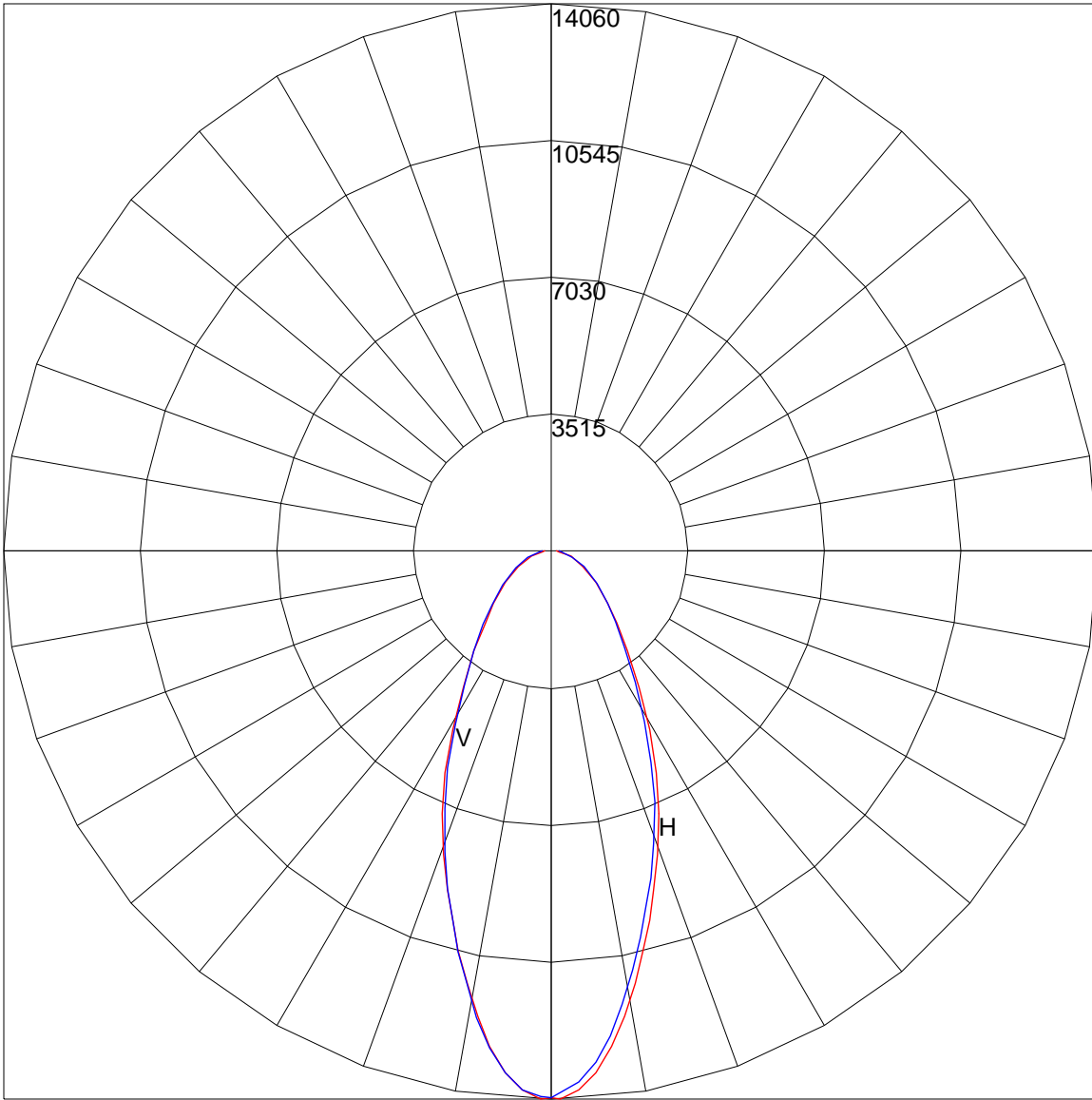
13	0.39	0.02	175.14
11	0.39	0.02	183.87
9	0.39	0.02	192.06
7	0.39	0.02	199.28
5	0.39	0.02	204.97
3	0.39	0.02	208.92
1	0.20	0.01	105.39
0	0.20	0.01	105.57
-1	0.39	0.02	210.24
-3	0.39	0.02	207.33
-5	0.39	0.02	202.49
-7	0.39	0.02	195.93
-9	0.39	0.02	188.14
-11	0.38	0.02	179.58
-13	0.38	0.02	170.59
-15	0.38	0.02	161.20
-17	0.47	0.03	187.91
-19.5	0.55	0.04	205.26
-22.5	0.54	0.04	183.04
-25.5	0.62	0.04	186.84
-29	0.69	0.05	182.47
-33	0.74	0.05	172.60
-37.5	0.79	0.06	160.01
-42.5	0.74	0.06	133.42
-47.5	1.02	0.08	161.30
-55	1.20	0.11	157.94
-65	1.02	0.10	104.63
-75	0.88	0.10	61.34

IES FLOOD REPORT
PHOTOMETRIC FILENAME : FL2-20L-50-8-N6-U-Y-GM.IES

LUMENS TABULATION - (Cont.)

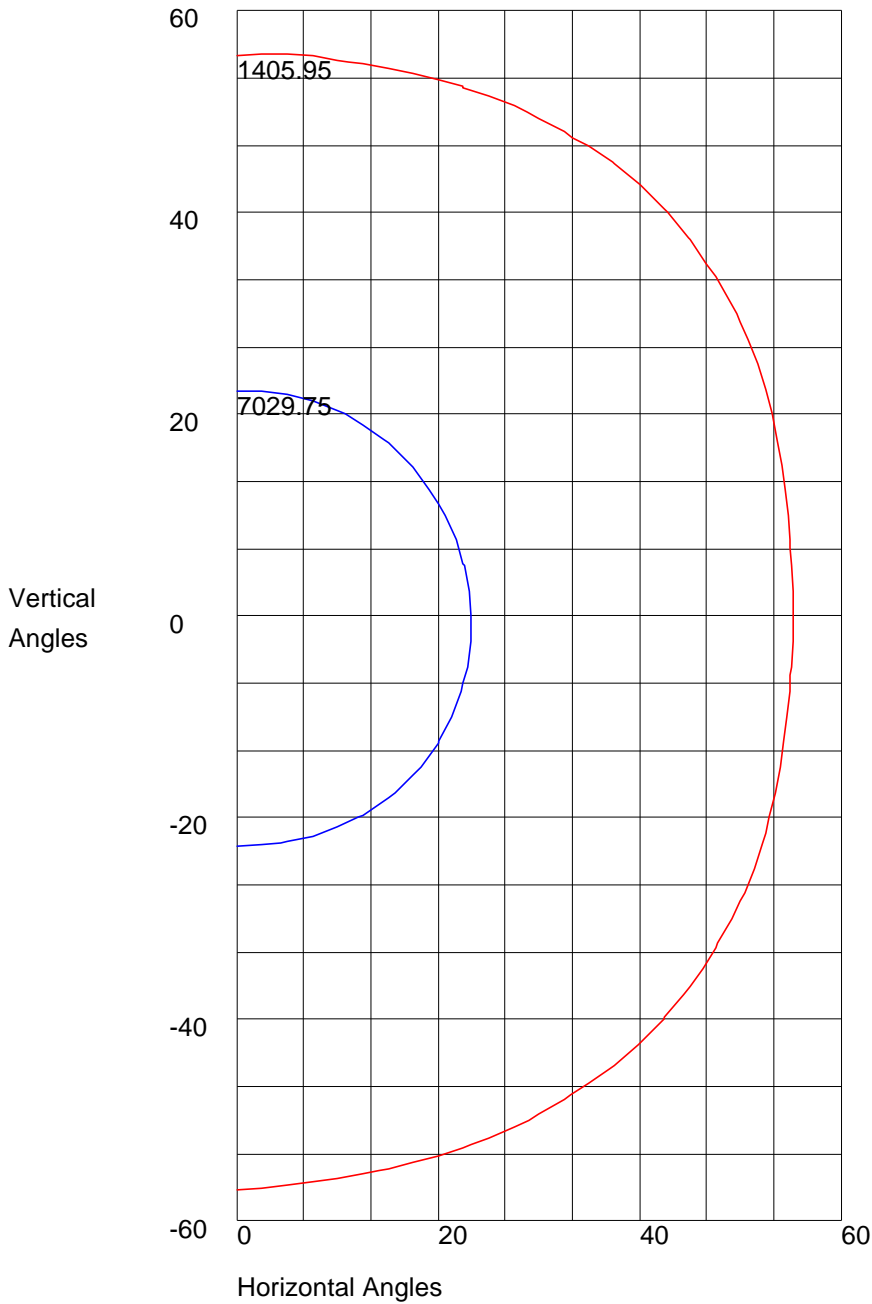
-85	0.41	0.05	18.84
-90			
Total	26.33	2.02	7020.07

AXIAL CANDELA DISPLAY



Maximum Candela = 14059.5 Located At Horizontal Angle = -1, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 14059.5 Located At Horizontal Angle = -1, Vertical Angle = 0
50% Maximum Candela = 7029.75
10% Maximum Candela = 1405.95