



## IES FLOOD REPORT

PHOTOMETRIC FILENAME : FLM 2 MD F UV 740.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

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

[TESTDATE] 4/16/2015

[ISSUEDATE] 4/16/2015

[MANUFAC] LumenFocus, LLC

[LUMCAT] FLM 2 MD F UV 740

[LUMINAIRE]

[LAMPCAT]

[LAMP]

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

### CHARACTERISTICS

NEMA Type	6 H x 6 V
Maximum Candela	2633.581
Maximum Candela Angle	-3H -1V
Horizontal Beam Angle (50%)	83.3
Vertical Beam Angle (50%)	95.3
Horizontal Field Angle (10%)	121.8
Vertical Field Angle (10%)	123.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	3629
Beam Efficiency	N.A.
Field Lumens	4707
Field Efficiency	N.A.
Spill Lumens	127
Luminaire Lumens	4834
Total Efficiency	N.A.
Total Luminaire Watts	39.944
Ballast Factor	1.00

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**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	.029	90	.026
85	.142	85	.563
75	23.278	75	31.502
65	105.857	65	61.683
55	490.11	55	658.038
47.5	833.167	47.5	1327.873
42.5	1259.236	42.5	1620.683
37.5	1581.767	37.5	1881.052
33	1774.664	33	2110.469
29	1911.356	29	2217.634
25.5	2085.41	25.5	2298.574
22.5	2223.202	22.5	2377.118
19.5	2299.156	19.5	2472.627
17	2335.741	17	2529.869
15	2332.634	15	2543.143
13	2354.844	13	2552.144
11	2420.373	11	2545.798
9	2488.298	9	2532.977
7	2568.461	7	2545.798
5	2603.039	5	2558.683
3	2632.177	3	2586.85
1	2631.53	1	2598.506
0	2613.322	0	2613.322
-1	2631.53	-1	2598.506
-3	2632.177	-3	2586.85
-5	2603.039	-5	2558.683
-7	2568.461	-7	2545.798
-9	2488.298	-9	2532.977
-11	2420.373	-11	2545.798
-13	2354.844	-13	2552.144
-15	2332.634	-15	2543.143
-17	2335.741	-17	2529.869
-19.5	2299.156	-19.5	2472.627
-22.5	2223.202	-22.5	2377.118
-25.5	2085.41	-25.5	2298.574
-29	1911.356	-29	2217.634
-33	1774.664	-33	2110.469
-37.5	1581.767	-37.5	1881.052
-42.5	1259.236	-42.5	1620.683
-47.5	833.167	-47.5	1327.873
-55	490.11	-55	658.038
-65	105.857	-65	61.683
-75	23.278	-75	31.502
-85	.142	-85	.563
-90	.029	-90	.026

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**CANDELA TABULATION**

Maximum Candela = 2633.581

Beam Edge = 1316.7905 Cd (50% of Max.)

Field Edge = 263.3581 Cd (10% of Max.)

\* Indicates Values Inside Field Edge

<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<b>-90.0</b>	<b>-85.0</b>	<b>-75.0</b>	<b>-65.0</b>	<b>-55.0</b>	<b>-47.5</b>	<b>-42.5</b>	<b>-37.5</b>	<b>-33.0</b>	<b>-29.0</b>
<b>90.0</b>	0.029	0.025	0.018	0.013	0.013	0.013	0.015	0.017	0.020	0.022
<b>85.0</b>	0.029	0.012	0.030	0.058	0.113	0.195	0.257	0.326	0.384	0.432
<b>75.0</b>	0.029	0.032	0.102	0.973	4.486	10.173	14.193	17.319	20.367	23.098
<b>65.0</b>	0.029	0.039	0.762	5.269	14.649	25.742	33.725	40.781	47.852	53.201
<b>55.0</b>	0.029	0.042	2.872	9.784	40.528	94.500	212.420	266.587 *	319.834 *	410.533 *
<b>47.5</b>	0.029	0.057	4.354	20.484	80.684	238.192	383.302 *	590.295 *	709.758 *	801.423 *
<b>42.5</b>	0.029	0.070	5.382	37.146	140.870	343.883 *	548.637 *	766.990 *	964.167 *	1108.113 *
<b>37.5</b>	0.029	0.079	6.258	52.539	182.861	461.427 *	674.055 *	926.308 *	1153.741 *	1312.412 *
<b>33.0</b>	0.029	0.090	7.124	64.137	239.601	534.315 *	769.076 *	1059.538 *	1291.410 *	1454.571 *
<b>29.0</b>	0.029	0.099	8.021	75.461	293.688 *	581.289 *	855.308 *	1185.642 *	1409.668 *	1570.310 *
<b>25.5</b>	0.029	0.106	9.345	85.862	335.172 *	619.093 *	936.722 *	1274.937 *	1498.973 *	1655.344 *
<b>22.5</b>	0.029	0.118	11.922	91.668	366.837 *	669.567 *	1018.688 *	1347.465 *	1565.964 *	1726.668 *
<b>19.5</b>	0.029	0.127	14.209	98.091	393.741 *	716.452 *	1083.738 *	1416.918 *	1619.433 *	1779.899 *
<b>17.0</b>	0.029	0.133	15.830	101.598	417.721 *	747.009 *	1133.973 *	1457.613 *	1659.091 *	1817.209 *
<b>15.0</b>	0.029	0.137	17.208	103.831	437.500 *	771.055 *	1177.616 *	1490.510 *	1692.269 *	1841.146 *
<b>13.0</b>	0.029	0.141	18.280	105.483	451.739 *	794.942 *	1208.378 *	1516.384 *	1717.058 *	1863.650 *
<b>11.0</b>	0.029	0.153	19.419	106.594	464.804 *	815.383 *	1224.755 *	1537.686 *	1741.478 *	1882.189 *
<b>9.0</b>	0.029	0.151	20.437	107.564	476.067 *	831.902 *	1242.391 *	1554.976 *	1756.827 *	1899.953 *
<b>7.0</b>	0.029	0.149	21.324	107.889	483.154 *	841.696 *	1255.469 *	1571.649 *	1766.937 *	1912.182 *
<b>5.0</b>	0.029	0.147	22.580	107.699	487.917 *	845.577 *	1263.275 *	1577.869 *	1774.819 *	1918.281 *
<b>3.0</b>	0.029	0.145	22.859	107.246	492.783 *	850.041 *	1272.190 *	1582.510 *	1777.534 *	1919.838 *
<b>1.0</b>	0.029	0.143	23.138	106.320	491.002 *	838.798 *	1263.560 *	1583.580 *	1776.839 *	1916.367 *
<b>0.0</b>	0.029	0.142	23.278	105.857	490.110 *	833.167 *	1259.236 *	1581.767 *	1774.664 *	1911.356 *
<b>-1.0</b>	0.029	0.142	23.138	106.320	491.002 *	838.798 *	1263.560 *	1583.580 *	1776.839 *	1916.367 *
<b>-3.0</b>	0.029	0.145	22.859	107.246	492.783 *	850.041 *	1272.190 *	1582.510 *	1777.534 *	1919.838 *
<b>-5.0</b>	0.029	0.147	22.580	107.699	487.917 *	845.577 *	1263.275 *	1577.869 *	1774.819 *	1918.281 *
<b>-7.0</b>	0.029	0.149	21.324	107.889	483.154 *	841.696 *	1255.469 *	1571.649 *	1766.937 *	1912.182 *
<b>-9.0</b>	0.029	0.151	20.437	107.564	476.067 *	831.902 *	1242.391 *	1554.976 *	1756.827 *	1899.953 *
<b>-11.0</b>	0.029	0.153	19.419	106.594	464.804 *	815.383 *	1224.755 *	1537.686 *	1741.478 *	1882.189 *
<b>-13.0</b>	0.029	0.141	18.280	105.483	451.739 *	794.942 *	1208.378 *	1516.384 *	1717.058 *	1863.650 *
<b>-15.0</b>	0.029	0.137	17.208	103.831	437.500 *	771.055 *	1177.616 *	1490.510 *	1692.269 *	1841.146 *
<b>-17.0</b>	0.029	0.133	15.830	101.598	417.721 *	747.009 *	1133.973 *	1457.613 *	1659.091 *	1817.209 *
<b>-19.5</b>	0.029	0.127	14.209	98.091	393.741 *	716.452 *	1083.738 *	1416.918 *	1619.433 *	1779.899 *
<b>-22.5</b>	0.029	0.118	11.922	91.668	366.837 *	669.567 *	1018.688 *	1347.465 *	1565.964 *	1726.668 *
<b>-25.5</b>	0.029	0.106	9.345	85.862	335.172 *	619.093 *	936.722 *	1274.937 *	1498.973 *	1655.344 *
<b>-29.0</b>	0.029	0.099	8.021	75.461	293.688 *	581.289 *	855.308 *	1185.642 *	1409.668 *	1570.310 *
<b>-33.0</b>	0.029	0.090	7.124	64.137	239.601	534.316 *	769.076 *	1059.538 *	1291.410 *	1454.571 *
<b>-37.5</b>	0.029	0.079	6.258	52.539	182.861	461.427 *	674.055 *	926.308 *	1153.741 *	1312.412 *
<b>-42.5</b>	0.029	0.070	5.382	37.146	140.870	343.883 *	548.637 *	766.990 *	964.167 *	1108.113 *
<b>-47.5</b>	0.029	0.057	4.354	20.484	80.684	238.192	383.302 *	590.295 *	709.758 *	801.423 *
<b>-55.0</b>	0.029	0.042	2.872	9.784	40.528	94.500	212.420	266.587 *	319.834 *	410.533 *
<b>-65.0</b>	0.029	0.039	0.762	5.269	14.649	25.742	33.725	40.781	47.852	53.201
<b>-75.0</b>	0.029	0.032	0.102	0.973	4.486	10.173	14.193	17.319	20.367	23.098
<b>-85.0</b>	0.029	0.012	0.030	0.058	0.113	0.195	0.257	0.326	0.384	0.432
<b>-90.0</b>	0.029	0.025	0.018	0.013	0.013	0.013	0.015	0.017	0.020	0.022

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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	0.024	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026
85.0	0.467	0.493	0.507	0.517	0.525	0.532	0.546	0.549	0.552	0.555
75.0	25.299	27.160	28.262	28.929	29.496	30.033	30.550	30.948	31.234	31.651
65.0	59.074	56.072	51.936	53.584	55.237	57.174	58.613	59.607	60.421	61.043
55.0	496.202 *	560.153 *	591.655 *	603.555 *	614.751 *	627.195 *	636.189 *	644.828 *	650.615 *	654.904 *
47.5	875.139 *	972.120 *	1092.500 *	1161.658 *	1196.231 *	1230.116 *	1261.792 *	1282.370 *	1299.665 *	1313.035 *
42.5	1225.058 *	1315.630 *	1383.378 *	1435.902 *	1478.241 *	1506.637 *	1528.985 *	1552.666 *	1573.535 *	1591.282 *
37.5	1413.241 *	1498.973 *	1573.620 *	1624.626 *	1660.830 *	1694.835 *	1731.410 *	1769.318 *	1804.979 *	1830.144 *
33.0	1561.784 *	1645.582 *	1728.300 *	1788.497 *	1828.842 *	1864.034 *	1909.345 *	1952.555 *	1991.470 *	2029.889 *
29.0	1684.271 *	1774.777 *	1851.864 *	1912.121 *	1951.708 *	1982.785 *	2010.068 *	2056.726 *	2098.614 *	2135.870 *
25.5	1772.011 *	1871.453 *	1961.812 *	2016.667 *	2052.797 *	2081.287 *	2106.839 *	2144.079 *	2190.430 *	2228.035 *
22.5	1845.788 *	1959.019 *	2051.557 *	2105.639 *	2142.714 *	2176.599 *	2209.129 *	2242.272 *	2287.168 *	2321.384 *
19.5	1912.103 *	2025.336 *	2126.490 *	2184.564 *	2220.381 *	2257.736 *	2298.054 *	2346.798 *	2391.803 *	2423.470 *
17.0	1952.596 *	2075.048 *	2172.441 *	2227.108 *	2260.798 *	2296.842 *	2343.005 *	2396.405 *	2453.690 *	2482.076 *
15.0	1984.968 *	2110.435 *	2202.091 *	2250.162 *	2271.341 *	2303.070 *	2356.564 *	2414.642 *	2468.647 *	2504.889 *
13.0	2015.223 *	2141.224 *	2225.192 *	2266.166 *	2283.607 *	2306.117 *	2359.510 *	2415.980 *	2473.883 *	2522.176 *
11.0	2040.944 *	2165.318 *	2244.302 *	2278.955 *	2298.140 *	2322.929 *	2356.177 *	2415.726 *	2472.977 *	2517.059 *
9.0	2063.017 *	2185.699 *	2260.372 *	2288.447 *	2304.733 *	2325.445 *	2365.956 *	2416.535 *	2473.054 *	2512.138 *
7.0	2076.976 *	2200.043 *	2272.515 *	2292.619 *	2300.233 *	2322.144 *	2373.248 *	2433.949 *	2496.235 *	2531.065 *
5.0	2086.125 *	2212.979 *	2283.016 *	2303.879 *	2304.243 *	2325.018 *	2380.553 *	2454.488 *	2523.894 *	2563.395 *
3.0	2090.814 *	2220.001 *	2290.948 *	2316.816 *	2316.998 *	2342.216 *	2402.430 *	2475.112 *	2554.032 *	2597.661 *
1.0	2090.397 *	2224.299 *	2297.443 *	2329.846 *	2327.679 *	2353.003 *	2418.985 *	2483.810 *	2567.891 *	2611.480 *
0.0	2085.410 *	2223.202 *	2299.156 *	2335.741 *	2332.634 *	2354.844 *	2420.373 *	2488.298 *	2568.461 *	2603.039 *
-1.0	2090.397 *	2224.299 *	2297.443 *	2329.846 *	2327.679 *	2353.003 *	2418.985 *	2489.347 *	2567.891 *	2611.480 *
-3.0	2090.814 *	2220.001 *	2290.948 *	2316.816 *	2316.998 *	2342.216 *	2402.430 *	2475.662 *	2554.032 *	2597.661 *
-5.0	2086.125 *	2212.979 *	2283.016 *	2303.879 *	2304.243 *	2325.018 *	2380.553 *	2454.488 *	2523.894 *	2563.395 *
-7.0	2076.976 *	2200.043 *	2272.515 *	2292.619 *	2300.233 *	2322.144 *	2373.248 *	2433.949 *	2496.235 *	2531.065 *
-9.0	2063.017 *	2185.699 *	2260.372 *	2288.447 *	2304.733 *	2325.445 *	2365.956 *	2416.535 *	2473.054 *	2512.138 *
-11.0	2040.944 *	2165.318 *	2244.302 *	2278.955 *	2298.140 *	2322.929 *	2356.177 *	2415.726 *	2472.977 *	2517.059 *
-13.0	2015.223 *	2141.224 *	2225.192 *	2266.166 *	2283.607 *	2306.117 *	2359.510 *	2415.980 *	2473.883 *	2522.176 *
-15.0	1984.968 *	2110.435 *	2202.091 *	2250.162 *	2271.341 *	2303.070 *	2356.564 *	2414.642 *	2468.647 *	2504.889 *
-17.0	1952.596 *	2075.048 *	2172.441 *	2227.108 *	2260.798 *	2296.842 *	2343.005 *	2396.405 *	2453.690 *	2482.076 *
-19.5	1912.103 *	2025.336 *	2126.491 *	2184.564 *	2220.381 *	2257.736 *	2298.054 *	2346.798 *	2391.803 *	2423.470 *
-22.5	1845.788 *	1959.019 *	2051.557 *	2105.639 *	2142.714 *	2176.599 *	2209.129 *	2242.208 *	2287.168 *	2321.384 *
-25.5	1772.011 *	1871.453 *	1961.812 *	2016.667 *	2052.797 *	2081.287 *	2106.839 *	2144.079 *	2190.430 *	2228.035 *
-29.0	1684.271 *	1774.777 *	1851.864 *	1912.121 *	1951.708 *	1982.785 *	2010.068 *	2056.726 *	2098.614 *	2135.870 *
-33.0	1561.784 *	1645.582 *	1728.300 *	1788.497 *	1828.842 *	1864.034 *	1909.345 *	1952.555 *	1991.470 *	2029.889 *
-37.5	1413.241 *	1498.973 *	1573.620 *	1624.626 *	1660.830 *	1694.835 *	1731.410 *	1769.318 *	1804.979 *	1830.144 *
-42.5	1225.058 *	1315.630 *	1383.378 *	1435.902 *	1478.241 *	1506.637 *	1528.985 *	1552.666 *	1573.536 *	1591.282 *
-47.5	875.139 *	972.120 *	1092.500 *	1161.594 *	1196.231 *	1230.116 *	1261.792 *	1282.370 *	1299.665 *	1313.035 *
-55.0	496.202 *	560.153 *	591.655 *	603.555 *	614.751 *	627.195 *	636.189 *	644.828 *	650.615 *	654.904 *
-65.0	59.074	56.072	51.936	53.584	55.237	57.174	58.613	59.607	60.421	61.043
-75.0	25.299	27.160	28.262	28.929	29.496	30.033	30.550	30.948	31.234	31.651
-85.0	0.467	0.493	0.507	0.517	0.525	0.532	0.546	0.549	0.552	0.555
-90.0	0.024	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026

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	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026
85.0	0.558	0.561	0.563	0.561	0.558	0.555	0.552	0.549	0.546	0.532
75.0	31.591	31.532	31.502	31.532	31.591	31.651	31.234	30.948	30.550	30.033
65.0	61.715	61.694	61.683	61.694	61.715	61.043	60.421	59.607	58.613	57.174

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**CANDELA TABULATION - (Cont.)**

55.0	659.747	* 658.608	* 658.038	* 658.608	* 659.747	* 654.904	* 650.615	* 644.828	* 636.189	* 627.195	*
47.5	1329.020	*1328.256	*1327.873	*1328.256	*1329.020	*1313.035	*1299.665	*1282.370	*1261.792	*1230.116	*
42.5	1609.379	*1616.911	*1620.683	*1616.911	*1609.379	*1591.282	*1573.535	*1552.666	*1528.985	*1506.637	*
37.5	1853.636	*1873.473	*1881.052	*1873.473	*1853.636	*1830.144	*1804.979	*1769.318	*1731.410	*1694.835	*
33.0	2064.906	*2096.795	*2110.469	*2096.795	*2064.906	*2029.889	*1991.470	*1952.555	*1909.345	*1864.034	*
29.0	2170.731	*2203.095	*2217.634	*2203.095	*2170.731	*2135.870	*2098.614	*2056.726	*2010.068	*1982.786	*
25.5	2260.066	*2287.121	*2298.574	*2287.121	*2260.066	*2228.035	*2190.430	*2144.079	*2106.839	*2081.287	*
22.5	2347.790	*2369.347	*2377.118	*2369.347	*2347.790	*2321.384	*2287.168	*2242.208	*2209.129	*2176.599	*
19.5	2447.023	*2466.072	*2472.627	*2466.072	*2447.023	*2423.470	*2391.803	*2346.798	*2298.054	*2257.736	*
17.0	2503.802	*2522.480	*2529.869	*2522.480	*2503.802	*2482.076	*2453.690	*2396.405	*2343.005	*2296.841	*
15.0	2523.649	*2537.358	*2543.143	*2537.358	*2523.649	*2504.889	*2468.647	*2414.642	*2356.564	*2303.070	*
13.0	2534.907	*2546.787	*2552.144	*2546.787	*2534.907	*2522.176	*2473.883	*2415.980	*2359.510	*2306.117	*
11.0	2532.064	*2540.593	*2545.798	*2540.593	*2532.064	*2517.059	*2472.977	*2415.726	*2356.177	*2322.929	*
9.0	2528.468	*2539.976	*2532.977	*2532.611	*2527.736	*2512.138	*2473.054	*2416.535	*2365.956	*2325.445	*
7.0	2540.334	*2545.423	*2545.798	*2545.423	*2540.334	*2531.065	*2496.235	*2433.949	*2373.248	*2322.144	*
5.0	2566.679	*2562.350	*2558.683	*2562.350	*2566.679	*2563.395	*2523.894	*2454.488	*2380.553	*2325.018	*
3.0	2612.358	*2591.881	*2586.850	*2591.881	*2612.389	*2597.661	*2554.032	*2475.662	*2402.430	*2342.216	*
1.0	2633.581	*2622.834	*2598.506	*2622.837	*2633.581	*2611.480	*2567.891	*2489.347	*2418.985	*2353.003	*
0.0	2632.177	*2631.530	*2613.322	*2631.530	*2632.177	*2603.039	*2568.461	*2488.298	*2420.373	*2354.844	*
-1.0	2633.581	*2622.837	*2598.506	*2622.834	*2633.581	*2611.480	*2567.891	*2500.748	*2418.985	*2353.003	*
-3.0	2612.389	*2591.881	*2586.850	*2591.881	*2612.358	*2597.661	*2554.032	*2476.794	*2402.430	*2342.216	*
-5.0	2566.679	*2562.350	*2558.683	*2562.350	*2566.679	*2563.395	*2523.894	*2454.488	*2380.553	*2325.018	*
-7.0	2540.334	*2545.423	*2545.798	*2545.423	*2540.334	*2531.065	*2496.235	*2433.949	*2373.248	*2322.144	*
-9.0	2527.736	*2532.611	*2532.977	*2524.072	*2526.888	*2512.138	*2473.054	*2416.535	*2365.956	*2325.445	*
-11.0	2532.064	*2540.593	*2545.798	*2540.593	*2532.064	*2517.059	*2472.977	*2415.726	*2356.177	*2322.929	*
-13.0	2534.907	*2546.787	*2552.144	*2546.787	*2534.907	*2522.176	*2473.883	*2415.980	*2359.510	*2306.117	*
-15.0	2523.649	*2537.358	*2543.143	*2537.358	*2523.649	*2504.889	*2468.647	*2414.642	*2356.564	*2303.070	*
-17.0	2503.802	*2522.480	*2529.869	*2522.480	*2503.802	*2482.076	*2453.690	*2396.405	*2343.005	*2296.842	*
-19.5	2447.023	*2466.072	*2472.627	*2466.072	*2447.023	*2423.470	*2391.803	*2346.798	*2298.054	*2257.736	*
-22.5	2347.790	*2369.347	*2377.118	*2369.347	*2347.790	*2321.384	*2287.168	*2242.272	*2209.129	*2176.599	*
-25.5	2260.066	*2287.121	*2298.574	*2287.121	*2260.066	*2228.035	*2190.430	*2144.079	*2106.839	*2081.287	*
-29.0	2170.731	*2203.095	*2217.634	*2203.095	*2170.731	*2135.870	*2098.614	*2056.726	*2010.068	*1982.785	*
-33.0	2064.906	*2096.795	*2110.469	*2096.795	*2064.906	*2029.889	*1991.470	*1952.555	*1909.345	*1864.034	*
-37.5	1853.636	*1873.473	*1881.052	*1873.473	*1853.636	*1830.144	*1804.979	*1769.318	*1731.410	*1694.835	*
-42.5	1609.379	*1616.911	*1620.683	*1616.911	*1609.379	*1591.282	*1573.536	*1552.666	*1528.985	*1506.637	*
-47.5	1329.020	*1328.256	*1327.873	*1328.256	*1329.020	*1313.035	*1299.665	*1282.370	*1261.792	*1230.116	*
-55.0	659.747	* 658.608	* 658.038	* 658.608	* 659.747	* 654.904	* 650.615	* 644.828	* 636.189	* 627.195	*
-65.0	61.715	61.694	61.683	61.694	61.715	61.043	60.421	59.607	58.613	57.174	
-75.0	31.591	31.532	31.502	31.532	31.591	31.651	31.234	30.948	30.550	30.033	
-85.0	0.558	0.561	0.563	0.561	0.558	0.555	0.552	0.549	0.546	0.532	
-90.0	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	

**Vert.  
Angles**

**Horizontal Angles**

	<u>15.0</u>	<u>17.0</u>	<u>19.5</u>	<u>22.5</u>	<u>25.5</u>	<u>29.0</u>	<u>33.0</u>	<u>37.5</u>	<u>42.5</u>	<u>47.5</u>
90.0	0.026	0.026	0.026	0.026	0.024	0.022	0.020	0.017	0.015	0.013
85.0	0.525	0.517	0.507	0.493	0.467	0.432	0.384	0.326	0.257	0.195
75.0	29.496	28.929	28.262	27.160	25.299	23.098	20.367	17.319	14.193	10.173
65.0	55.237	53.584	51.936	56.072	59.074	53.201	47.852	40.781	33.725	25.742
55.0	614.751	* 603.555	* 591.655	* 560.153	* 496.202	* 410.533	* 319.834	* 266.587	* 212.420	94.500
47.5	1196.231	*1161.594	*1092.500	*972.120	* 875.139	* 801.423	* 709.758	* 590.295	* 383.302	* 238.192
42.5	1478.241	*1435.902	*1383.378	*1315.630	*1225.058	*1108.113	*964.167	* 766.990	* 548.637	* 343.883
37.5	1660.830	*1624.626	*1573.620	*1498.973	*1413.241	*1312.412	*1153.741	*926.308	* 674.055	* 461.427
33.0	1828.842	*1788.497	*1728.300	*1645.582	*1561.784	*1454.571	*1291.410	*1059.538	*769.076	* 534.316
29.0	1951.708	*1912.121	*1851.864	*1774.777	*1684.271	*1570.310	*1409.668	*1185.642	*855.308	* 581.289
25.5	2052.797	*2016.667	*1961.812	*1871.453	*1772.011	*1655.344	*1498.973	*1274.937	*936.722	* 619.093

CANDELA TABULATION - (Cont.)

22.5	2142.714	*2105.639	*2051.557	*1959.019	*1845.788	*1726.668	*1565.964	*1347.465	*1018.689	*669.567 *
19.5	2220.381	*2184.564	*2126.491	*2025.336	*1912.103	*1779.899	*1619.433	*1416.918	*1083.738	*716.452 *
17.0	2260.798	*2227.108	*2172.441	*2075.048	*1952.596	*1817.209	*1659.091	*1457.613	*1133.973	*747.009 *
15.0	2271.341	*2250.162	*2202.091	*2110.435	*1984.968	*1841.146	*1692.269	*1490.510	*1177.616	*771.055 *
13.0	2283.607	*2266.166	*2225.192	*2141.224	*2015.223	*1863.650	*1717.058	*1516.384	*1208.378	*794.942 *
11.0	2298.140	*2278.955	*2244.302	*2165.319	*2040.944	*1882.189	*1741.478	*1537.686	*1224.755	*815.383 *
9.0	2304.733	*2288.447	*2260.372	*2185.699	*2063.017	*1899.953	*1756.827	*1554.976	*1242.391	*831.902 *
7.0	2300.233	*2292.619	*2272.515	*2200.043	*2076.976	*1912.182	*1766.937	*1571.649	*1255.469	*841.696 *
5.0	2304.243	*2303.879	*2283.016	*2212.979	*2086.125	*1918.281	*1774.819	*1577.869	*1263.275	*845.577 *
3.0	2316.998	*2316.816	*2290.948	*2220.001	*2090.814	*1919.838	*1777.534	*1582.510	*1272.190	*850.041 *
1.0	2327.679	*2329.846	*2297.443	*2224.299	*2090.397	*1916.367	*1776.839	*1583.580	*1263.560	*838.798 *
0.0	2332.634	*2335.741	*2299.156	*2223.202	*2085.410	*1911.356	*1774.664	*1581.767	*1259.236	*833.167 *
-1.0	2327.679	*2329.846	*2297.443	*2224.299	*2090.397	*1916.367	*1776.839	*1583.580	*1263.560	*838.798 *
-3.0	2316.998	*2316.816	*2290.948	*2220.001	*2090.814	*1919.838	*1777.534	*1582.510	*1272.190	*850.041 *
-5.0	2304.243	*2303.879	*2283.016	*2212.979	*2086.125	*1918.281	*1774.819	*1577.869	*1263.275	*845.577 *
-7.0	2300.233	*2292.619	*2272.515	*2200.043	*2076.976	*1912.182	*1766.937	*1571.649	*1255.469	*841.696 *
-9.0	2304.733	*2288.447	*2260.372	*2185.699	*2063.017	*1899.953	*1756.827	*1554.976	*1242.391	*831.902 *
-11.0	2298.140	*2278.955	*2244.302	*2165.319	*2040.944	*1882.189	*1741.478	*1537.686	*1224.755	*815.383 *
-13.0	2283.607	*2266.166	*2225.192	*2141.224	*2015.223	*1863.650	*1717.058	*1516.384	*1208.378	*794.942 *
-15.0	2271.341	*2250.162	*2202.091	*2110.435	*1984.968	*1841.146	*1692.269	*1490.510	*1177.616	*771.055 *
-17.0	2260.798	*2227.108	*2172.441	*2075.048	*1952.596	*1817.209	*1659.091	*1457.613	*1133.973	*747.009 *
-19.5	2220.381	*2184.564	*2126.491	*2025.336	*1912.103	*1779.899	*1619.433	*1416.918	*1083.738	*716.452 *
-22.5	2142.714	*2105.639	*2051.557	*1959.019	*1845.788	*1726.668	*1565.964	*1347.465	*1018.688	*669.567 *
-25.5	2052.797	*2016.667	*1961.812	*1871.453	*1772.011	*1655.344	*1498.973	*1274.937	*936.722 *	619.093 *
-29.0	1951.708	*1912.121	*1851.864	*1774.777	*1684.271	*1570.310	*1409.668	*1185.642	*855.308 *	581.289 *
-33.0	1828.842	*1788.497	*1728.300	*1645.582	*1561.784	*1454.571	*1291.410	*1059.538	*769.076 *	534.316 *
-37.5	1660.830	*1624.626	*1573.620	*1498.973	*1413.241	*1312.412	*1153.741	*926.308 *	674.055 *	461.427 *
-42.5	1478.241	*1435.902	*1383.378	*1315.630	*1225.058	*1108.113	*964.167 *	766.990 *	548.637 *	343.883 *
-47.5	1196.231	*1161.658	*1092.500	*972.120 *	875.139 *	801.423 *	709.758 *	590.295 *	383.302 *	238.192
-55.0	614.751 *	603.555 *	591.655 *	560.153 *	496.202 *	410.533 *	319.834 *	266.587 *	212.420	94.500
-65.0	55.237	53.584	51.936	56.072	59.074	53.201	47.852	40.781	33.725	25.742
-75.0	29.496	28.929	28.262	27.160	25.299	23.098	20.367	17.319	14.193	10.173
-85.0	0.525	0.517	0.507	0.493	0.467	0.432	0.384	0.326	0.257	0.195
-90.0	0.026	0.026	0.026	0.026	0.024	0.022	0.020	0.017	0.015	0.013

Vert. Angles	Horizontal Angles				
	55.0	65.0	75.0	85.0	90.0
90.0	0.013	0.013	0.018	0.025	0.029
85.0	0.113	0.058	0.030	0.012	0.029
75.0	4.486	0.973	0.102	0.032	0.029
65.0	14.649	5.269	0.762	0.039	0.029
55.0	40.528	9.784	2.872	0.042	0.029
47.5	80.684	20.484	4.354	0.057	0.029
42.5	140.870	37.146	5.382	0.070	0.029
37.5	182.861	52.539	6.258	0.079	0.029
33.0	239.601	64.137	7.124	0.090	0.029
29.0	293.688 *	75.461	8.021	0.099	0.029
25.5	335.172 *	85.862	9.345	0.106	0.029
22.5	366.837 *	91.668	11.922	0.118	0.029
19.5	393.741 *	98.091	14.209	0.127	0.029
17.0	417.721 *	101.598	15.830	0.133	0.029
15.0	437.500 *	103.831	17.208	0.137	0.029
13.0	451.739 *	105.483	18.280	0.141	0.029
11.0	464.804 *	106.594	19.419	0.153	0.029
9.0	476.067 *	107.564	20.437	0.151	0.029

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : FLM 2 MD F UV 740.IES**

**CANDELA TABULATION - (Cont.)**

<b>7.0</b>	483.154 *	107.889	21.324	0.149	0.029
<b>5.0</b>	487.917 *	107.699	22.580	0.147	0.029
<b>3.0</b>	492.783 *	107.246	22.859	0.145	0.029
<b>1.0</b>	491.002 *	106.320	23.138	0.142	0.029
<b>0.0</b>	490.110 *	105.857	23.278	0.142	0.029
<b>-1.0</b>	491.002 *	106.320	23.138	0.143	0.029
<b>-3.0</b>	492.783 *	107.246	22.859	0.145	0.029
<b>-5.0</b>	487.917 *	107.699	22.580	0.147	0.029
<b>-7.0</b>	483.154 *	107.889	21.324	0.149	0.029
<b>-9.0</b>	476.067 *	107.564	20.437	0.151	0.029
<b>-11.0</b>	464.804 *	106.594	19.419	0.153	0.029
<b>-13.0</b>	451.739 *	105.483	18.280	0.141	0.029
<b>-15.0</b>	437.500 *	103.831	17.208	0.137	0.029
<b>-17.0</b>	417.721 *	101.598	15.830	0.133	0.029
<b>-19.5</b>	393.741 *	98.091	14.209	0.127	0.029
<b>-22.5</b>	366.837 *	91.668	11.922	0.118	0.029
<b>-25.5</b>	335.172 *	85.862	9.345	0.106	0.029
<b>-29.0</b>	293.688 *	75.461	8.021	0.099	0.029
<b>-33.0</b>	239.601	64.137	7.124	0.090	0.029
<b>-37.5</b>	182.861	52.539	6.258	0.079	0.029
<b>-42.5</b>	140.870	37.146	5.382	0.070	0.029
<b>-47.5</b>	80.684	20.484	4.354	0.057	0.029
<b>-55.0</b>	40.528	9.784	2.872	0.042	0.029
<b>-65.0</b>	14.649	5.269	0.762	0.039	0.029
<b>-75.0</b>	4.486	0.973	0.102	0.032	0.029
<b>-85.0</b>	0.113	0.058	0.030	0.012	0.029
<b>-90.0</b>	0.013	0.013	0.018	0.025	0.029

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : FLM 2 MD F UV 740.IES**

**LUMEN TABULATION**

Average Of Right And Left Sides

Total Luminaire Lumens (one side of beam only) = 2417.15

Total Field Lumens (one side of beam only) = 2353.45

\* 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										
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.05	0.10	0.10	0.10	0.10	0.10	0.09	0.09	0.09	0.11
65	0.14	0.28	0.28	0.28	0.27	0.27	0.27	0.26	0.25	0.29
55	1.10 *	2.19 *	2.18 *	2.16 *	2.13 *	2.10 *	2.05 *	2.00 *	1.94 *	2.35 *
47.5	2.27 *	4.54 *	4.51 *	4.45 *	4.39 *	4.30 *	4.20 *	4.07 *	3.93 *	4.68 *
42.5	2.24 *	4.48 *	4.44 *	4.38 *	4.30 *	4.22 *	4.12 *	4.00 *	3.86 *	4.59 *
37.5	2.66 *	5.29 *	5.23 *	5.15 *	5.05 *	4.94 *	4.81 *	4.68 *	4.54 *	5.44 *
33	2.73 *	5.40 *	5.32 *	5.22 *	5.10 *	4.97 *	4.83 *	4.69 *	4.55 *	5.46 *
29	2.63 *	5.20 *	5.11 *	5.00 *	4.89 *	4.76 *	4.63 *	4.51 *	4.38 *	5.27 *
25.5	2.40 *	4.75 *	4.68 *	4.59 *	4.48 *	4.37 *	4.27 *	4.17 *	4.07 *	4.90 *
22.5	2.13 *	4.23 *	4.17 *	4.10 *	4.01 *	3.92 *	3.83 *	3.75 *	3.65 *	4.41 *
19.5	2.21 *	4.40 *	4.35 *	4.28 *	4.19 *	4.09 *	4.00 *	3.90 *	3.80 *	4.59 *
17	1.90 *	3.78 *	3.74 *	3.69 *	3.62 *	3.52 *	3.42 *	3.34 *	3.25 *	3.94 *
15	1.54 *	3.07 *	3.04 *	3.00 *	2.94 *	2.85 *	2.77 *	2.70 *	2.64 *	3.20 *
13	1.55 *	3.09 *	3.06 *	3.02 *	2.95 *	2.86 *	2.78 *	2.71 *	2.66 *	3.23 *
11	1.55 *	3.09 *	3.07 *	3.03 *	2.95 *	2.86 *	2.78 *	2.72 *	2.67 *	3.26 *
9	1.55 *	3.09 *	3.07 *	3.02 *	2.95 *	2.87 *	2.79 *	2.73 *	2.69 *	3.28 *
7	1.55 *	3.09 *	3.07 *	3.03 *	2.96 *	2.88 *	2.80 *	2.73 *	2.69 *	3.30 *
5	1.56 *	3.11 *	3.10 *	3.06 *	2.99 *	2.89 *	2.80 *	2.73 *	2.69 *	3.31 *
3	1.57 *	3.15 *	3.14 *	3.10 *	3.02 *	2.91 *	2.82 *	2.75 *	2.71 *	3.32 *
1	1.58 *	3.18 *	3.18 *	3.13 *	3.04 *	2.93 *	2.84 *	2.76 *	2.72 *	3.34 *
0	0.80 *	1.60 *	1.59 *	1.57 *	1.52 *	1.47 *	1.42 *	1.38 *	1.37 *	1.67 *
-1	0.80 *	1.60 *	1.59 *	1.57 *	1.53 *	1.47 *	1.42 *	1.38 *	1.37 *	1.67 *
-3	1.58 *	3.18 *	3.18 *	3.13 *	3.04 *	2.94 *	2.84 *	2.76 *	2.72 *	3.34 *
	1.57 *	3.15 *	3.14 *	3.10 *	3.02 *	2.91 *	2.82 *	2.75 *	2.71 *	3.32 *



**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : FLM 2 MD F UV 740.IES**

**LUMENS TABULATION - (Cont.)**

<b>-5</b>	1.56 *	3.11 *	3.10 *	3.06 *	2.99 *	2.89 *	2.80 *	2.73 *	2.69 *	3.31 *
<b>-7</b>	1.55 *	3.09 *	3.07 *	3.03 *	2.96 *	2.88 *	2.80 *	2.73 *	2.69 *	3.30 *
<b>-9</b>	1.55 *	3.08 *	3.07 *	3.02 *	2.95 *	2.87 *	2.79 *	2.73 *	2.69 *	3.28 *
<b>-11</b>	1.55 *	3.09 *	3.07 *	3.03 *	2.95 *	2.86 *	2.78 *	2.72 *	2.67 *	3.26 *
<b>-13</b>	1.55 *	3.09 *	3.06 *	3.02 *	2.95 *	2.86 *	2.78 *	2.71 *	2.66 *	3.23 *
<b>-15</b>	1.54 *	3.07 *	3.04 *	3.00 *	2.94 *	2.85 *	2.77 *	2.70 *	2.64 *	3.20 *
<b>-17</b>	1.90 *	3.78 *	3.74 *	3.69 *	3.62 *	3.52 *	3.42 *	3.34 *	3.25 *	3.94 *
<b>-19.5</b>	2.21 *	4.40 *	4.35 *	4.28 *	4.19 *	4.09 *	4.00 *	3.90 *	3.80 *	4.59 *
<b>-22.5</b>	2.13 *	4.23 *	4.17 *	4.10 *	4.01 *	3.92 *	3.83 *	3.75 *	3.65 *	4.41 *
<b>-25.5</b>	2.40 *	4.75 *	4.68 *	4.59 *	4.48 *	4.37 *	4.27 *	4.17 *	4.07 *	4.90 *
<b>-29</b>	2.63 *	5.20 *	5.11 *	5.00 *	4.89 *	4.76 *	4.63 *	4.51 *	4.38 *	5.27 *
<b>-33</b>	2.73 *	5.40 *	5.32 *	5.22 *	5.10 *	4.97 *	4.83 *	4.69 *	4.55 *	5.46 *
<b>-37.5</b>	2.66 *	5.29 *	5.23 *	5.15 *	5.05 *	4.94 *	4.81 *	4.68 *	4.54 *	5.44 *
<b>-42.5</b>	2.24 *	4.48 *	4.44 *	4.38 *	4.30 *	4.22 *	4.12 *	4.00 *	3.86 *	4.59 *
<b>-47.5</b>	2.27 *	4.54 *	4.51 *	4.45 *	4.39 *	4.30 *	4.20 *	4.07 *	3.93 *	4.68 *
<b>-55</b>	1.10 *	2.19 *	2.18 *	2.16 *	2.13 *	2.10 *	2.05 *	2.00 *	1.94 *	2.35 *
<b>-65</b>	0.14	0.28	0.28	0.28	0.27	0.27	0.26	0.25	0.24	0.29
<b>-75</b>	0.05	0.10	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.11
<b>-85</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>-90</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total</b>	71.42	142.22	140.87	138.73	135.72	132.16	128.61	125.35	122.26	147.89

**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>
<b>90</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>85</b>	0.12	0.11	0.12	0.12	0.11	0.09	0.07	0.05	0.02	0.00
<b>75</b>	0.35	0.35	0.38	0.38	0.35	0.31	0.23	0.20	0.10	0.02
<b>65</b>	2.69 *	2.44 *	2.41	2.17	1.89	1.61	0.99	0.63	0.27	0.05
<b>55</b>	5.14 *	4.54 *	4.59 *	4.39 *	3.96 *	3.18 *	1.87	1.22	0.43	0.07
<b>47.5</b>	5.08 *	4.58 *	4.75 *	4.68 *	4.24 *	3.34 *	2.04 *	1.44	0.53	0.09

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : FLM 2 MD F UV 740.IES**

**LUMENS TABULATION - (Cont.)**

<b>42.5</b>	6.15 *	5.69 *	5.99 *	5.92 *	5.33 *	4.25 *	2.73 *	2.02 *	0.79	0.13
<b>37.5</b>	6.19 *	5.75 *	6.12 *	6.12 *	5.58 *	4.50 *	2.95 *	2.28 *	0.92	0.15
<b>33</b>	5.97 *	5.56 *	5.94 *	5.98 *	5.54 *	4.51 *	2.95 *	2.36 *	1.02	0.16
<b>29</b>	5.57 *	5.19 *	5.54 *	5.60 *	5.26 *	4.34 *	2.82 *	2.29 *	1.05	0.16
<b>25.5</b>	5.02 *	4.66 *	4.98 *	5.05 *	4.77 *	4.00 *	2.62 *	2.13 *	1.00	0.16
<b>22.5</b>	5.22 *	4.85 *	5.16 *	5.24 *	4.99 *	4.26 *	2.82 *	2.30 *	1.08	0.17
<b>19.5</b>	4.48 *	4.16 *	4.42 *	4.49 *	4.30 *	3.71 *	2.48 *	2.03 *	0.96	0.15
<b>17</b>	3.65 *	3.39 *	3.60 *	3.66 *	3.53 *	3.07 *	2.06 *	1.70 *	0.81 *	0.12
<b>15</b>	3.70 *	3.44 *	3.65 *	3.71 *	3.59 *	3.15 *	2.13 *	1.75 *	0.84 *	0.13
<b>13</b>	3.74 *	3.49 *	3.70 *	3.76 *	3.64 *	3.20 *	2.18 *	1.81 *	0.86 *	0.13
<b>11</b>	3.78 *	3.53 *	3.74 *	3.80 *	3.69 *	3.24 *	2.21 *	1.85 *	0.88 *	0.13
<b>9</b>	3.80 *	3.56 *	3.77 *	3.83 *	3.72 *	3.28 *	2.25 *	1.88 *	0.89 *	0.13
<b>7</b>	3.83 *	3.58 *	3.79 *	3.85 *	3.74 *	3.31 *	2.26 *	1.90 *	0.90 *	0.14
<b>5</b>	3.84 *	3.59 *	3.80 *	3.86 *	3.76 *	3.32 *	2.28 *	1.91 *	0.91 *	0.14
<b>3</b>	3.85 *	3.60 *	3.80 *	3.86 *	3.76 *	3.33 *	2.27 *	1.91 *	0.91 *	0.14
<b>1</b>	1.93 *	1.80 *	1.90 *	1.93 *	1.88 *	1.66 *	1.13 *	0.95 *	0.45 *	0.07
<b>0</b>	1.93 *	1.80 *	1.90 *	1.93 *	1.88 *	1.66 *	1.13 *	0.95 *	0.45 *	0.07
<b>-1</b>	3.85 *	3.60 *	3.80 *	3.86 *	3.76 *	3.33 *	2.27 *	1.91 *	0.91 *	0.14
<b>-3</b>	3.84 *	3.59 *	3.80 *	3.86 *	3.76 *	3.32 *	2.28 *	1.91 *	0.91 *	0.14
<b>-5</b>	3.83 *	3.58 *	3.79 *	3.85 *	3.74 *	3.31 *	2.26 *	1.90 *	0.90 *	0.14
<b>-7</b>	3.80 *	3.56 *	3.77 *	3.83 *	3.72 *	3.28 *	2.25 *	1.88 *	0.89 *	0.13
<b>-9</b>	3.78 *	3.53 *	3.74 *	3.80 *	3.69 *	3.24 *	2.21 *	1.85 *	0.88 *	0.13
<b>-11</b>	3.74 *	3.49 *	3.70 *	3.76 *	3.64 *	3.20 *	2.18 *	1.81 *	0.86 *	0.13
<b>-13</b>	3.70 *	3.44 *	3.65 *	3.71 *	3.59 *	3.15 *	2.13 *	1.75 *	0.84 *	0.13
<b>-15</b>	3.65 *	3.39 *	3.60 *	3.66 *	3.53 *	3.07 *	2.06 *	1.70 *	0.81 *	0.12
<b>-17</b>	4.48 *	4.16 *	4.42 *	4.49 *	4.30 *	3.71 *	2.48 *	2.03 *	0.96	0.15
<b>-19.5</b>	5.22 *	4.85 *	5.16 *	5.24 *	4.99 *	4.26 *	2.82 *	2.30 *	1.08	0.17
<b>-22.5</b>	5.02 *	4.66 *	4.98 *	5.05 *	4.77 *	4.00 *	2.62 *	2.13 *	1.00	0.16

**IES FLOOD REPORT**  
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**LUMENS TABULATION - (Cont.)**

<b>-25.5</b>	5.57 *	5.19 *	5.54 *	5.60 *	5.26 *	4.34 *	2.82 *	2.29 *	1.05	0.16
<b>-29</b>	5.97 *	5.56 *	5.94 *	5.98 *	5.54 *	4.51 *	2.95 *	2.36 *	1.02	0.16
<b>-33</b>	6.19 *	5.75 *	6.12 *	6.12 *	5.58 *	4.50 *	2.95 *	2.28 *	0.92	0.15
<b>-37.5</b>	6.15 *	5.69 *	5.99 *	5.92 *	5.33 *	4.25 *	2.73 *	2.02 *	0.79	0.13
<b>-42.5</b>	5.08 *	4.58 *	4.75 *	4.68 *	4.24 *	3.34 *	2.04 *	1.44	0.53	0.09
<b>-47.5</b>	5.14 *	4.54 *	4.59 *	4.39 *	3.96 *	3.18 *	1.87	1.22	0.43	0.07
<b>-55</b>	2.69 *	2.44 *	2.41	2.17	1.89	1.61	0.99	0.63	0.27	0.05
<b>-65</b>	0.35	0.35	0.38	0.38	0.35	0.31	0.23	0.20	0.10	0.02
<b>-75</b>	0.12	0.11	0.12	0.12	0.11	0.09	0.07	0.05	0.02	0.00
<b>-85</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>-90</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total</b>	168.21	155.74	164.28	164.80	155.27	131.31	86.66	69.18	31.26	4.86

<b>Vert. Angles</b>	<b>Horizontal Angles</b>			
	<b><u>75</u></b>	<b><u>85</u></b>	<b><u>90</u></b>	<b><u>Total</u></b>
<b>90</b>	0.00	0.00	0.00	0.02
<b>85</b>	0.00	0.00	0.00	1.71
<b>75</b>	0.00	0.00	0.00	5.25
<b>65</b>	0.00	0.00	0.00	35.37
<b>55</b>	0.01	0.00	0.00	70.73
<b>47.5</b>	0.01	0.00	0.00	71.38
<b>42.5</b>	0.01	0.00	0.00	86.81
<b>37.5</b>	0.01	0.00	0.00	88.84
<b>33</b>	0.01	0.00	0.00	86.36
<b>29</b>	0.01	0.00	0.00	80.50
<b>25.5</b>	0.01	0.00	0.00	72.61
<b>22.5</b>	0.01	0.00	0.00	75.92
<b>19.5</b>	0.01	0.00	0.00	65.40
<b>17</b>	0.01	0.00	0.00	53.35
<b>15</b>	0.01	0.00	0.00	54.01

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : FLM 2 MD F UV 740.IES**

**LUMENS TABULATION - (Cont.)**

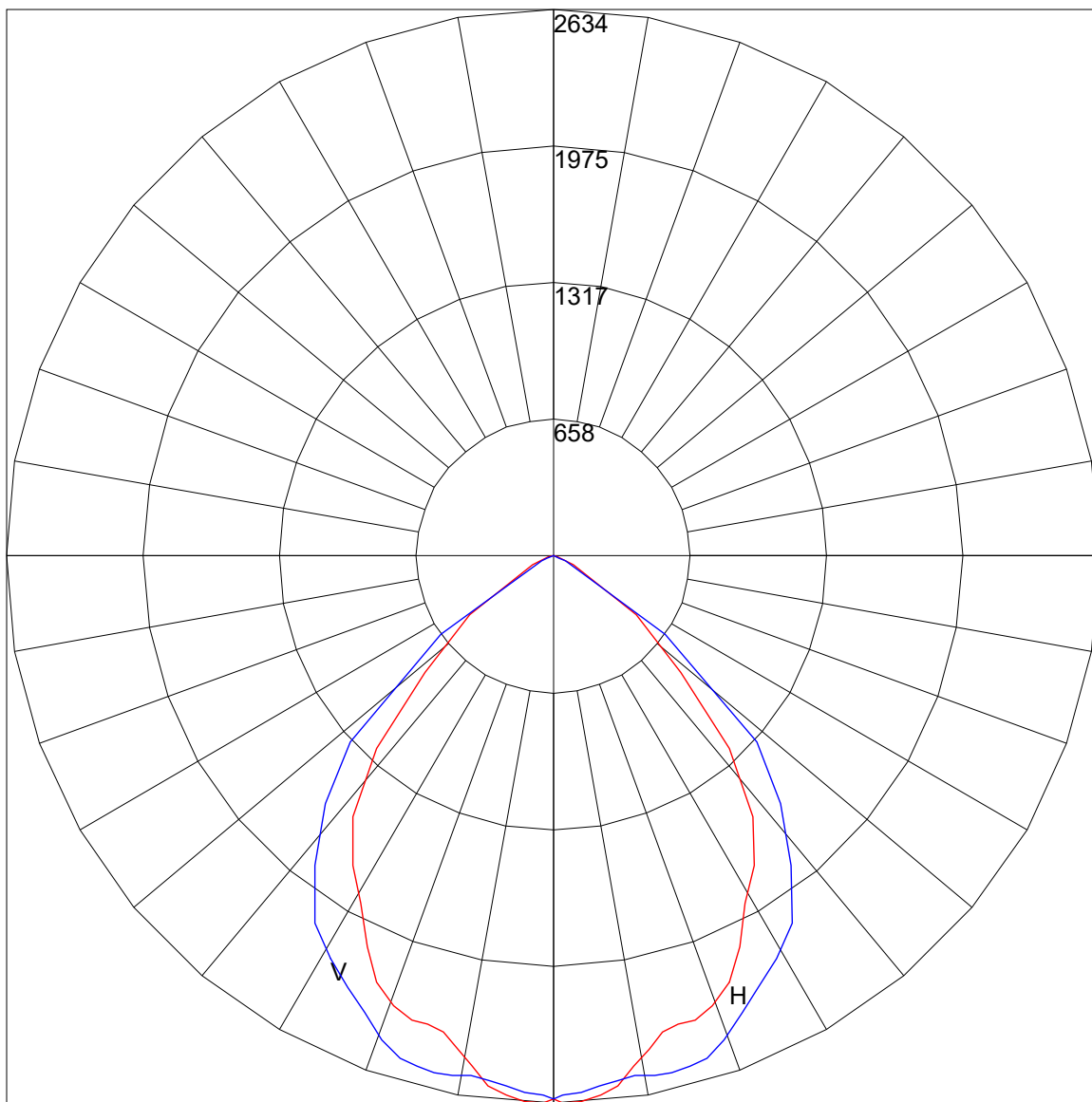
<b>13</b>			
	0.01	0.00	54.51
<b>11</b>			
	0.01	0.00	54.89
<b>9</b>			
	0.01	0.00	55.23
<b>7</b>			
	0.01	0.00	55.55
<b>5</b>			
	0.01	0.00	55.90
<b>3</b>			
	0.01	0.00	56.15
<b>1</b>			
	0.01	0.00	28.09
<b>0</b>			
	0.01	0.00	28.10
<b>-1</b>			
	0.01	0.00	56.15
<b>-3</b>			
	0.01	0.00	55.90
<b>-5</b>			
	0.01	0.00	55.55
<b>-7</b>			
	0.01	0.00	55.22
<b>-9</b>			
	0.01	0.00	54.88
<b>-11</b>			
	0.01	0.00	54.51
<b>-13</b>			
	0.01	0.00	54.01
<b>-15</b>			
	0.01	0.00	53.35
<b>-17</b>			
	0.01	0.00	65.40
<b>-19.5</b>			
	0.01	0.00	75.92
<b>-22.5</b>			
	0.01	0.00	72.61
<b>-25.5</b>			
	0.01	0.00	80.50
<b>-29</b>			
	0.01	0.00	86.36
<b>-33</b>			
	0.01	0.00	88.84
<b>-37.5</b>			
	0.01	0.00	86.81
<b>-42.5</b>			
	0.01	0.00	71.38
<b>-47.5</b>			
	0.01	0.00	70.73
<b>-55</b>			
	0.00	0.00	35.37
<b>-65</b>			
	0.00	0.00	5.25
<b>-75</b>			
	0.00	0.00	1.71

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : FLM 2 MD F UV 740.IES**

**LUMENS TABULATION - (Cont.)**

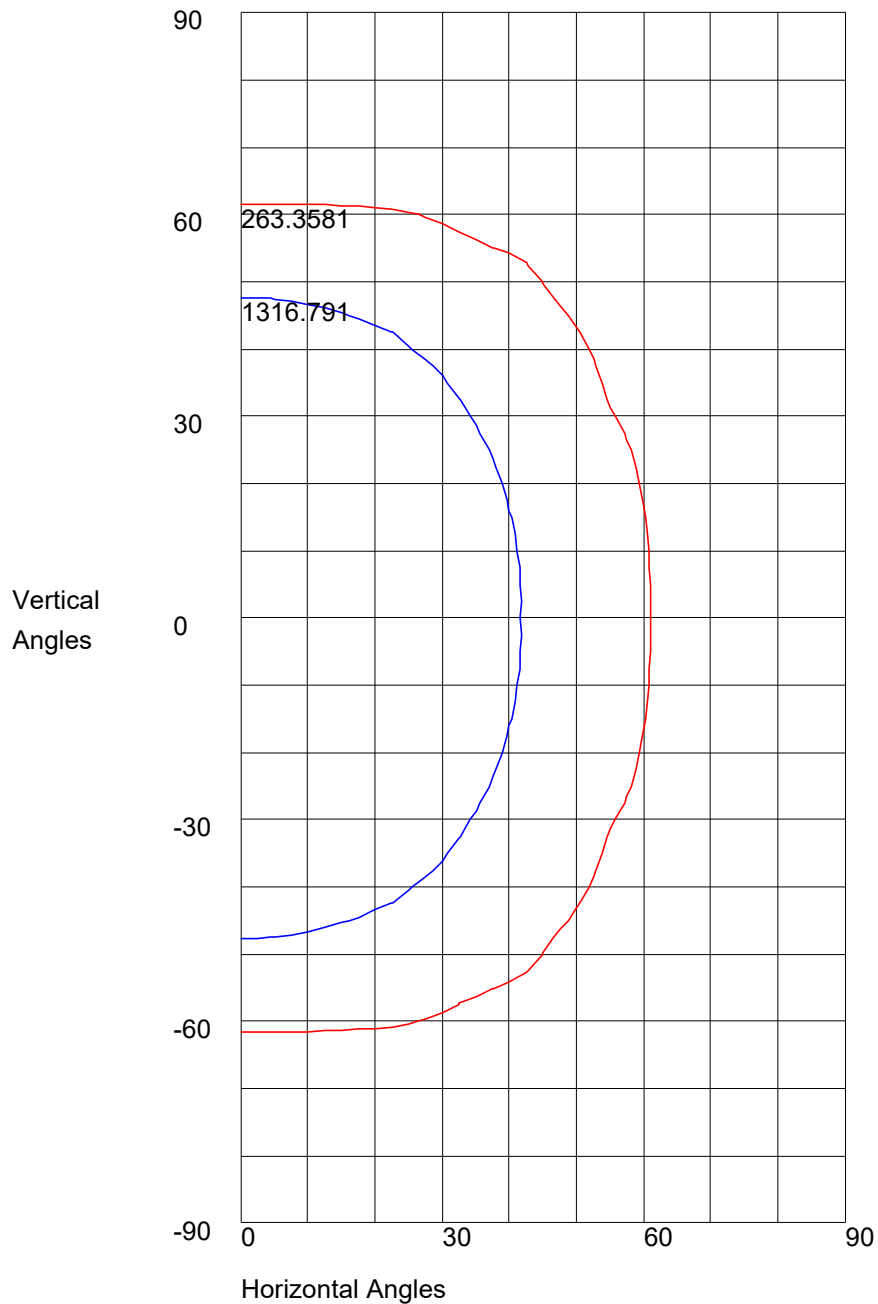
<b>-85</b>	0.00	0.00	0.02
<b>-90</b>			
<b>Total</b>	0.35	0.00	2417.15

AXIAL CANDELA DISPLAY



Maximum Candela = 2633.581 Located At Horizontal Angle =-3, Vertical Angle =-1  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 2633.581 Located At Horizontal Angle =-3, Vertical Angle =-1  
50% Maximum Candela = 1316.7905  
10% Maximum Candela = 263.3581