



IES FLOOD REPORT

PHOTOMETRIC FILENAME : PF2E HI F UV D 840.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB] Standard-Tech Co. Ltd

[TESTDATE] 28 July 2016

[ISSUEDATE] 2016-09-21 17:21:40

[NEARFIELD]

[LAMPPOSITION] 0,0

[OTHER] EVERFINE GO-R5000_V2 SYSTEM

[MANUFAC] LumenFocus, LLC

[LUMINAIRE] PF2E HI F UV D 840

[OTHER]

[OTHER]	Gamma(deg)	Fz(lm)	Ft(lm)	%Lum	%Lamp
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[OTHER]	0- 10	189.46	189.46	3.78	3.73
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[OTHER]	10- 20	547.16	736.62	14.71	14.49
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[OTHER]	20- 30	836.85	1573.47	31.42	30.95
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[OTHER]	30- 40	1030.40	2603.87	52.00	51.22
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[OTHER]	40- 50	1085.35	3689.22	73.67	72.57
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[OTHER]	50- 60	837.83	4527.05	90.40	89.05
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[OTHER]	60- 70	372.04	4899.10	97.83	96.36
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[OTHER]	70- 80	91.77	4990.87	99.66	98.17
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[OTHER]	80- 90	10.45	5001.31	99.87	98.38
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[OTHER]	90-100	0.11	5001.42	99.88	98.38
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[OTHER]	100-110	0.46	5001.88	99.88	98.39
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[OTHER]	110-120	0.69	5002.57	99.90	98.40
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[OTHER]	120-130	0.95	5003.52	99.92	98.42
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[OTHER]	130-140	1.13	5004.64	99.94	98.44
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[OTHER]	140-150	1.13	5005.77	99.96	98.46
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[OTHER]	150-160	0.93	5006.71	99.98	98.48
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[OTHER]	160-170	0.69	5007.39	99.99	98.49
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[OTHER]	170-180	0.26	5007.65	100.00	98.50
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[OTHER]

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

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CHARACTERISTICS

NEMA Type	7 H x 6 V
Maximum Candela	2006.57
Maximum Candela Angle	-1H 3V
Horizontal Beam Angle (50%)	113.7
Vertical Beam Angle (50%)	101.0
Horizontal Field Angle (10%)	149.6
Vertical Field Angle (10%)	125.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	4050
Beam Efficiency	N.A.
Field Lumens	4940
Field Efficiency	N.A.
Spill Lumens	82
Luminaire Lumens	5023
Total Efficiency	N.A.
Total Luminaire Watts	49.6
Ballast Factor	1.00

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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	3.5	85	13.68
75	185.76	75	42.43
65	644.06	65	92.26
55	1071.21	55	542.53
47.5	1308.9	47.5	1243.29
42.5	1447.26	42.5	1513.88
37.5	1566.92	37.5	1646.88
33	1654.09	33	1713.65
29	1729.99	29	1782.35
25.5	1789.93	25.5	1823.72
22.5	1832.42	22.5	1872.52
19.5	1880.4	19.5	1905.93
17	1910	17	1924.87
15	1923.91	15	1945.38
13	1934.48	13	1965.35
11	1960.17	11	1970.71
9	1965.81	9	1994.49
7	1971.55	7	1985.51
5	1988.3	5	1994.97
3	1995.48	3	1976.46
1	1991.57	1	1985.88
0	1997.64	0	1997.64
-1	1988.78	-1	2001.98
-3	1985.62	-3	2000.78
-5	1970.9	-5	1995.25
-7	1952.27	-7	1980.92
-9	1954.49	-9	1981.17
-11	1950.57	-11	1964.75
-13	1923.53	-13	1972.17
-15	1935.37	-15	1952.11
-17	1924.22	-17	1920.91
-19.5	1891.46	-19.5	1889.24
-22.5	1844.03	-22.5	1857.37
-25.5	1791.68	-25.5	1806.66
-29	1725.97	-29	1767.76
-33	1663.97	-33	1692.05
-37.5	1574.22	-37.5	1636.82
-42.5	1461.65	-42.5	1512.87
-47.5	1332.38	-47.5	1275.71
-55	1088.55	-55	660.78
-65	652.27	-65	69.93
-75	199.73	-75	17.86
-85	3.88	-85	8.8
-90	0	-90	0

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CANDELA TABULATION

Maximum Candela = 2006.57

Beam Edge = 1003.285 Cd (50% of Max.)

Field Edge = 200.657 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85.0	0.00	0.01	0.68	3.49	6.42	8.02	9.00	10.12	10.67	11.16
75.0	0.00	0.28	8.46	18.38	24.82	28.29	31.65	34.37	35.98	36.99
65.0	0.00	1.03	13.92	30.72	70.48	91.00	67.22	71.67	77.79	85.08
55.0	0.00	2.02	21.26	96.17	279.20 *	334.20 *	396.83 *	481.02 *	498.66 *	537.74 *
47.5	0.00	2.63	35.72	215.62 *	517.44 *	675.57 *	795.10 *	921.47 *	1020.13 *	1064.39 *
42.5	0.00	2.95	50.67	302.41 *	672.61 *	862.10 *	1026.68 *	1150.10 *	1244.57 *	1286.97 *
37.5	0.00	3.24	68.00	401.77 *	831.86 *	1004.49 *	1153.46 *	1270.68 *	1373.81 *	1416.63 *
33.0	0.00	3.50	87.75	471.46 *	888.90 *	1111.16 *	1241.61 *	1355.71 *	1430.18 *	1485.80 *
29.0	0.00	3.74	105.87	518.12 *	950.07 *	1169.79 *	1291.63 *	1401.87 *	1481.27 *	1545.60 *
25.5	0.00	3.91	122.83	554.07 *	989.11 *	1211.99 *	1332.16 *	1444.58 *	1527.23 *	1587.63 *
22.5	0.00	4.02	136.15	582.96 *	1014.68 *	1238.40 *	1368.43 *	1473.92 *	1562.13 *	1624.81 *
19.5	0.00	4.10	148.83	607.73 *	1037.34 *	1261.36 *	1387.04 *	1506.37 *	1588.78 *	1659.71 *
17.0	0.00	4.15	158.95	626.51 *	1054.09 *	1280.46 *	1409.95 *	1524.60 *	1611.76 *	1682.45 *
15.0	0.00	4.17	166.31	637.53 *	1065.18 *	1295.73 *	1423.08 *	1540.04 *	1628.34 *	1699.16 *
13.0	0.00	4.17	173.03	643.65 *	1075.26 *	1307.36 *	1434.41 *	1551.03 *	1639.94 *	1715.10 *
11.0	0.00	4.36	179.07	648.48 *	1081.93 *	1314.71 *	1441.58 *	1560.13 *	1651.62 *	1724.73 *
9.0	0.00	4.28	184.42	652.03 *	1087.23 *	1320.78 *	1449.76 *	1566.16 *	1662.94 *	1728.02 *
7.0	0.00	4.19	189.08	654.30 *	1090.55 *	1326.19 *	1456.52 *	1571.04 *	1665.48 *	1730.53 *
5.0	0.00	4.10	195.34	655.29 *	1092.02 *	1330.41 *	1460.66 *	1573.57 *	1667.17 *	1732.14 *
3.0	0.00	4.01	197.09	656.40 *	1093.36 *	1332.60 *	1462.59 *	1575.34 *	1667.08 *	1731.43 *
1.0	0.00	3.92	198.85	653.65 *	1090.15 *	1332.89 *	1462.45 *	1575.10 *	1665.55 *	1728.68 *
0.0	0.00	3.88	199.73	652.27 *	1088.55 *	1332.38 *	1461.65 *	1574.22 *	1663.97 *	1725.97 *
-1.0	0.00	3.88	198.84	652.72 *	1089.64 *	1332.35 *	1462.12 *	1574.54 *	1664.63 *	1727.98 *
-3.0	0.00	3.87	197.07	653.62 *	1091.80 *	1330.99 *	1461.63 *	1573.67 *	1664.41 *	1729.19 *
-5.0	0.00	3.86	195.30	650.60 *	1089.45 *	1327.82 *	1459.19 *	1570.80 *	1662.91 *	1727.98 *
-7.0	0.00	3.85	189.01	647.68 *	1086.97 *	1322.75 *	1454.71 *	1567.21 *	1659.93 *	1723.83 *
-9.0	0.00	3.85	184.32	643.43 *	1082.65 *	1316.62 *	1447.06 *	1560.82 *	1656.40 *	1717.78 *
-11.0	0.00	3.84	178.93	637.82 *	1076.37 *	1309.88 *	1437.55 *	1553.07 *	1644.44 *	1709.61 *
-13.0	0.00	3.56	172.83	630.83 *	1068.76 *	1302.01 *	1428.83 *	1541.70 *	1631.82 *	1701.58 *
-15.0	0.00	3.47	166.06	622.46 *	1057.60 *	1290.62 *	1415.54 *	1527.84 *	1617.80 *	1687.96 *
-17.0	0.00	3.36	158.61	609.24 *	1045.40 *	1276.47 *	1400.45 *	1514.59 *	1601.26 *	1669.44 *
-19.5	0.00	3.21	148.39	587.75 *	1027.41 *	1258.43 *	1375.56 *	1497.64 *	1578.44 *	1646.51 *
-22.5	0.00	3.02	135.95	559.67 *	1003.61 *	1233.67 *	1353.27 *	1466.32 *	1548.23 *	1612.34 *
-25.5	0.00	2.79	123.40	527.61 *	975.79 *	1201.60 *	1318.00 *	1432.05 *	1514.68 *	1575.72 *
-29.0	0.00	2.51	107.67	487.15 *	930.51 *	1159.39 *	1281.30 *	1388.94 *	1468.88 *	1533.01 *
-33.0	0.00	2.15	90.02	437.11 *	868.90 *	1086.43 *	1216.71 *	1330.52 *	1414.99 *	1469.85 *
-37.5	0.00	1.78	69.80	371.81 *	792.28 *	978.04 *	1123.33 *	1245.06 *	1340.18 *	1404.03 *
-42.5	0.00	1.54	48.05	285.96 *	626.24 *	815.96 *	957.47 *	1104.68 *	1195.82 *	1265.18 *
-47.5	0.00	1.32	29.67	204.44 *	471.09 *	619.24 *	731.98 *	873.71 *	965.57 *	1024.88 *
-55.0	0.00	0.98	13.85	94.21	244.35 *	299.17 *	341.56 *	407.14 *	478.37 *	524.47 *
-65.0	0.00	0.61	5.80	19.92	61.17	75.44	51.85	56.32	65.49	75.76
-75.0	0.00	0.21	1.95	4.91	9.46	11.69	12.94	14.97	16.35	17.12
-85.0	0.00	0.03	0.46	1.92	3.84	5.25	6.06	6.75	7.34	7.88
-90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85.0	11.49	11.69	12.13	12.46	12.70	12.91	13.47	13.51	13.55	13.59
75.0	38.09	38.85	39.82	40.61	41.13	41.58	41.94	42.21	42.40	42.76
65.0	94.80	93.39	85.79	87.72	89.08	90.31	91.28	91.98	92.45	92.67
55.0	565.99 *	542.13 *	534.58 *	563.05 *	598.98 *	624.71 *	624.29 *	619.61 *	609.64 *	595.01 *
47.5	1085.96 *	1078.91 *	1130.87 *	1201.61 *	1223.94 *	1230.14 *	1230.21 *	1233.11 *	1239.74 *	1247.48 *
42.5	1342.91 *	1378.98 *	1408.27 *	1448.96 *	1471.28 *	1487.20 *	1494.88 *	1503.38 *	1509.64 *	1513.60 *
37.5	1466.00 *	1507.33 *	1548.73 *	1583.00 *	1600.64 *	1613.55 *	1622.82 *	1630.78 *	1638.64 *	1641.97 *
33.0	1542.43 *	1584.96 *	1616.07 *	1641.11 *	1661.27 *	1683.30 *	1691.16 *	1694.41 *	1699.49 *	1705.42 *
29.0	1589.38 *	1631.53 *	1673.62 *	1696.25 *	1719.16 *	1737.87 *	1749.02 *	1752.51 *	1760.54 *	1770.67 *
25.5	1638.00 *	1678.11 *	1719.02 *	1744.10 *	1762.21 *	1778.80 *	1792.96 *	1805.24 *	1816.60 *	1821.90 *
22.5	1677.30 *	1717.84 *	1753.95 *	1776.97 *	1800.47 *	1823.71 *	1835.58 *	1845.47 *	1854.46 *	1862.82 *
19.5	1712.28 *	1752.44 *	1784.94 *	1818.16 *	1834.32 *	1849.84 *	1872.21 *	1885.01 *	1894.67 *	1902.73 *
17.0	1737.94 *	1775.15 *	1816.75 *	1836.90 *	1866.85 *	1889.18 *	1898.26 *	1914.42 *	1927.01 *	1928.16 *
15.0	1753.78 *	1794.71 *	1832.92 *	1863.57 *	1891.75 *	1899.00 *	1913.27 *	1924.00 *	1933.89 *	1941.24 *
13.0	1769.82 *	1814.26 *	1843.99 *	1882.50 *	1897.33 *	1907.50 *	1925.37 *	1942.52 *	1949.87 *	1965.81 *
11.0	1782.40 *	1830.20 *	1860.15 *	1892.54 *	1908.53 *	1926.06 *	1941.90 *	1947.89 *	1972.03 *	1971.73 *
9.0	1788.86 *	1836.12 *	1869.25 *	1903.35 *	1922.10 *	1940.78 *	1946.79 *	1956.27 *	1970.84 *	1982.50 *
7.0	1793.13 *	1835.29 *	1879.36 *	1913.41 *	1932.85 *	1949.21 *	1962.32 *	1969.40 *	1984.11 *	1980.44 *
5.0	1793.29 *	1836.07 *	1891.47 *	1918.40 *	1934.22 *	1955.98 *	1968.49 *	1975.40 *	1983.06 *	1987.60 *
3.0	1795.09 *	1841.23 *	1894.34 *	1922.41 *	1936.51 *	1948.60 *	1966.61 *	1975.41 *	1985.40 *	1992.71 *
1.0	1793.80 *	1844.17 *	1892.58 *	1924.98 *	1937.71 *	1931.74 *	1956.01 *	1963.57 *	1963.20 *	1981.88 *
0.0	1791.68 *	1844.03 *	1891.46 *	1924.22 *	1935.37 *	1923.53 *	1950.57 *	1954.49 *	1952.27 *	1970.90 *
-1.0	1792.18 *	1843.78 *	1891.01 *	1923.36 *	1934.36 *	1928.64 *	1953.66 *	1962.04 *	1964.62 *	1975.81 *
-3.0	1790.64 *	1840.72 *	1889.56 *	1917.64 *	1929.17 *	1939.14 *	1960.82 *	1972.61 *	1980.85 *	1994.79 *
-5.0	1787.19 *	1837.23 *	1883.61 *	1910.71 *	1929.59 *	1939.83 *	1963.13 *	1968.33 *	1979.39 *	1976.78 *
-7.0	1786.51 *	1832.21 *	1869.99 *	1902.60 *	1925.74 *	1932.40 *	1945.67 *	1958.39 *	1972.19 *	1982.30 *
-9.0	1783.32 *	1824.95 *	1857.87 *	1890.12 *	1912.59 *	1931.78 *	1933.74 *	1945.41 *	1963.01 *	1979.68 *
-11.0	1776.43 *	1809.42 *	1847.78 *	1878.48 *	1897.13 *	1916.48 *	1932.04 *	1939.13 *	1949.19 *	1977.09 *
-13.0	1762.10 *	1799.27 *	1836.47 *	1858.86 *	1883.31 *	1899.20 *	1918.09 *	1935.70 *	1947.38 *	1963.01 *
-15.0	1741.40 *	1786.16 *	1819.14 *	1842.99 *	1861.25 *	1885.44 *	1904.89 *	1919.46 *	1932.62 *	1943.45 *
-17.0	1720.25 *	1767.38 *	1800.57 *	1825.90 *	1843.98 *	1865.03 *	1884.58 *	1909.37 *	1922.06 *	1922.81 *
-19.5	1698.78 *	1735.48 *	1776.43 *	1801.80 *	1822.78 *	1839.53 *	1859.33 *	1876.39 *	1885.70 *	1887.64 *
-22.5	1663.83 *	1702.26 *	1736.16 *	1767.95 *	1793.45 *	1806.57 *	1819.84 *	1840.96 *	1847.34 *	1851.92 *
-25.5	1620.47 *	1664.00 *	1703.74 *	1730.80 *	1751.41 *	1768.73 *	1786.71 *	1801.80 *	1803.06 *	1804.14 *
-29.0	1576.31 *	1615.35 *	1654.32 *	1681.84 *	1702.57 *	1721.22 *	1738.06 *	1749.10 *	1757.28 *	1762.21 *
-33.0	1524.88 *	1567.71 *	1601.37 *	1624.71 *	1637.14 *	1659.81 *	1670.80 *	1677.78 *	1683.57 *	1688.53 *
-37.5	1447.06 *	1489.35 *	1531.62 *	1558.48 *	1582.13 *	1595.24 *	1604.89 *	1613.85 *	1623.02 *	1628.19 *
-42.5	1315.38 *	1367.55 *	1397.17 *	1425.67 *	1450.01 *	1474.21 *	1483.17 *	1492.69 *	1500.46 *	1507.38 *
-47.5	1059.38 *	1116.52 *	1162.75 *	1189.32 *	1212.27 *	1233.71 *	1249.91 *	1264.49 *	1275.11 *	1280.08 *
-55.0	551.09 *	582.57 *	586.86 *	597.90 *	607.81 *	617.90 *	638.09 *	655.24 *	666.66 *	672.28 *
-65.0	79.22	74.97	69.02	70.44	71.35	72.10	72.53	72.66	72.51	72.09
-75.0	17.59	17.68	18.06	18.43	18.64	18.77	18.82	18.80	18.71	18.74
-85.0	8.36	8.76	8.80	8.81	8.82	8.83	8.89	8.87	8.86	8.84
-90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85.0	13.62	13.66	13.68	13.71	13.77	13.83	13.89	13.95	14.00	13.54
75.0	42.63	42.50	42.43	42.57	42.85	43.14	42.93	42.89	42.76	42.55
65.0	92.90	92.47	92.26	92.63	93.37	93.45	93.53	93.36	92.94	92.25

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CANDELA TABULATION - (Cont.)

55.0	579.28 *	554.79 *	542.53 *	554.66 *	578.91 *	594.46 *	608.97 *	618.91 *	623.68 *	624.32 *
47.5	1250.83 *	1247.81 *	1243.29 *	1247.28 *	1249.32 *	1245.20 *	1237.02 *	1230.36 *	1227.91 *	1228.91 *
42.5	1515.66 *	1515.22 *	1513.88 *	1514.74 *	1514.22 *	1511.19 *	1506.24 *	1497.72 *	1485.79 *	1473.99 *
37.5	1644.74 *	1646.41 *	1646.88 *	1645.66 *	1642.57 *	1638.66 *	1634.51 *	1625.47 *	1616.34 *	1603.41 *
33.0	1710.21 *	1713.49 *	1713.65 *	1713.14 *	1709.13 *	1703.52 *	1696.62 *	1690.43 *	1685.88 *	1676.84 *
29.0	1777.58 *	1781.81 *	1782.35 *	1781.59 *	1777.15 *	1770.65 *	1761.95 *	1754.12 *	1747.08 *	1725.08 *
25.5	1823.80 *	1824.29 *	1823.72 *	1822.51 *	1818.48 *	1813.14 *	1807.84 *	1800.43 *	1791.00 *	1776.16 *
22.5	1868.56 *	1871.69 *	1872.52 *	1871.52 *	1868.56 *	1864.34 *	1849.19 *	1829.59 *	1817.93 *	1804.52 *
19.5	1906.87 *	1906.75 *	1905.93 *	1905.32 *	1903.23 *	1898.39 *	1890.06 *	1877.63 *	1864.85 *	1844.90 *
17.0	1926.24 *	1925.18 *	1924.87 *	1924.73 *	1923.84 *	1921.26 *	1914.00 *	1899.72 *	1885.23 *	1870.02 *
15.0	1943.55 *	1945.89 *	1945.38 *	1947.72 *	1946.92 *	1940.97 *	1929.34 *	1916.51 *	1900.55 *	1882.32 *
13.0	1971.02 *	1969.15 *	1965.35 *	1967.14 *	1964.39 *	1953.13 *	1952.28 *	1933.92 *	1916.48 *	1897.91 *
11.0	1975.25 *	1972.91 *	1970.71 *	1971.52 *	1974.07 *	1976.66 *	1966.33 *	1943.05 *	1931.12 *	1916.67 *
9.0	1981.14 *	1989.21 *	1994.49 *	1992.85 *	1987.20 *	1978.85 *	1965.83 *	1957.64 *	1940.86 *	1930.39 *
7.0	1993.05 *	1991.13 *	1985.51 *	1986.74 *	1993.33 *	1986.30 *	1976.09 *	1961.55 *	1956.56 *	1936.62 *
5.0	1994.99 *	2001.52 *	1994.97 *	1993.70 *	1991.07 *	1984.81 *	1979.16 *	1969.63 *	1958.36 *	1944.49 *
3.0	1983.74 *	2006.57 *	1976.46 *	1995.69 *	1998.19 *	1986.22 *	1981.41 *	1970.22 *	1959.83 *	1943.64 *
1.0	1999.72 *	1983.36 *	1985.88 *	1989.84 *	1992.65 *	1990.61 *	1975.70 *	1967.34 *	1961.04 *	1938.71 *
0.0	1985.62 *	1988.78 *	1997.64 *	1991.57 *	1995.48 *	1988.30 *	1971.55 *	1965.81 *	1960.17 *	1934.48 *
-1.0	1995.16 *	1990.00 *	2001.98 *	1993.94 *	1993.52 *	1991.20 *	1974.10 *	1968.90 *	1958.97 *	1934.00 *
-3.0	1995.05 *	1999.17 *	2000.78 *	1999.79 *	1977.83 *	1986.28 *	1976.58 *	1970.88 *	1954.70 *	1930.80 *
-5.0	2000.20 *	1998.54 *	1995.25 *	1995.05 *	1982.21 *	1976.93 *	1969.84 *	1961.67 *	1952.09 *	1926.71 *
-7.0	1991.63 *	1987.18 *	1980.92 *	1986.89 *	1989.33 *	1966.91 *	1963.00 *	1947.72 *	1936.07 *	1926.21 *
-9.0	1985.75 *	1982.54 *	1981.17 *	1974.89 *	1967.58 *	1965.22 *	1949.85 *	1942.26 *	1931.44 *	1908.82 *
-11.0	1976.03 *	1968.30 *	1964.75 *	1964.48 *	1963.82 *	1957.51 *	1949.56 *	1935.37 *	1908.19 *	1895.40 *
-13.0	1963.59 *	1969.21 *	1972.17 *	1969.03 *	1958.98 *	1944.16 *	1937.46 *	1917.58 *	1898.03 *	1882.78 *
-15.0	1948.43 *	1951.44 *	1952.11 *	1950.41 *	1945.80 *	1940.42 *	1923.30 *	1903.05 *	1885.69 *	1862.21 *
-17.0	1923.32 *	1921.99 *	1920.91 *	1920.49 *	1917.72 *	1910.45 *	1899.16 *	1886.06 *	1868.66 *	1853.91 *
-19.5	1891.98 *	1891.29 *	1889.24 *	1889.01 *	1887.01 *	1883.32 *	1876.75 *	1858.83 *	1839.20 *	1827.27 *
-22.5	1856.20 *	1857.63 *	1857.37 *	1854.93 *	1848.79 *	1841.67 *	1832.17 *	1823.15 *	1813.58 *	1792.04 *
-25.5	1806.42 *	1807.17 *	1806.66 *	1806.32 *	1803.38 *	1797.48 *	1792.06 *	1785.18 *	1775.75 *	1756.37 *
-29.0	1765.64 *	1767.69 *	1767.76 *	1766.28 *	1761.49 *	1755.52 *	1748.39 *	1736.98 *	1720.12 *	1705.12 *
-33.0	1691.42 *	1692.54 *	1692.05 *	1691.75 *	1689.22 *	1685.35 *	1680.10 *	1674.69 *	1659.90 *	1643.67 *
-37.5	1632.82 *	1635.89 *	1636.82 *	1635.08 *	1630.52 *	1624.76 *	1618.91 *	1610.16 *	1602.46 *	1591.84 *
-42.5	1511.72 *	1513.24 *	1512.87 *	1512.61 *	1509.85 *	1504.34 *	1496.33 *	1487.87 *	1478.03 *	1469.02 *
-47.5	1281.09 *	1278.38 *	1275.71 *	1278.48 *	1281.69 *	1282.07 *	1279.93 *	1271.69 *	1257.35 *	1240.60 *
-55.0	678.66 *	666.74 *	660.78 *	665.13 *	673.83 *	665.64 *	659.24 *	648.90 *	635.20 *	620.79 *
-65.0	71.66	70.51	69.93	70.08	70.39	69.99	69.62	69.00	68.15	67.05
-75.0	18.39	18.04	17.86	17.87	17.89	17.91	17.55	17.32	17.03	16.67
-85.0	8.82	8.81	8.80	8.72	8.56	8.40	8.23	8.07	7.91	7.68
-90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85.0	13.43	13.30	13.10	12.83	12.62	12.27	11.73	11.10	9.94	8.92
75.0	42.25	41.87	41.27	40.49	39.83	38.81	37.80	36.07	33.15	29.73
65.0	91.28	90.20	88.64	96.31	97.79	88.44	81.11	75.17	70.51	91.80
55.0	598.09 *	561.52 *	532.70 *	540.97 *	564.41 *	534.56 *	499.98 *	479.75 *	395.52 *	327.09 *
47.5	1222.64 *	1198.90 *	1125.00 *	1069.84 *	1075.36 *	1050.61 *	1005.18 *	910.44 *	782.53 *	652.10 *
42.5	1455.96 *	1434.23 *	1403.36 *	1362.57 *	1326.32 *	1278.67 *	1225.19 *	1129.52 *	1008.90 *	841.08 *
37.5	1585.40 *	1568.07 *	1537.27 *	1494.70 *	1444.38 *	1411.63 *	1348.73 *	1251.76 *	1132.35 *	985.70 *
33.0	1653.74 *	1629.44 *	1607.40 *	1569.21 *	1529.20 *	1468.53 *	1410.58 *	1333.42 *	1216.29 *	1084.05 *
29.0	1703.88 *	1687.53 *	1661.50 *	1614.84 *	1582.02 *	1529.93 *	1463.53 *	1387.91 *	1270.74 *	1149.39 *
25.5	1755.42 *	1734.48 *	1702.56 *	1665.66 *	1618.13 *	1577.28 *	1511.16 *	1422.41 *	1313.54 *	1187.61 *

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CANDELA TABULATION - (Cont.)

22.5	1785.89 *	1772.43 *	1739.21 *	1702.12 *	1662.68 *	1606.00 *	1539.42 *	1455.83 *	1339.31 *	1212.83 *
19.5	1820.91 *	1796.67 *	1769.38 *	1736.53 *	1695.54 *	1645.58 *	1573.46 *	1485.10 *	1367.62 *	1238.51 *
17.0	1855.85 *	1830.40 *	1794.67 *	1765.11 *	1719.99 *	1665.09 *	1592.67 *	1504.06 *	1388.40 *	1257.87 *
15.0	1864.54 *	1852.33 *	1820.53 *	1778.09 *	1739.27 *	1682.97 *	1611.86 *	1513.35 *	1403.31 *	1271.72 *
13.0	1879.67 *	1864.78 *	1836.22 *	1791.18 *	1756.61 *	1698.37 *	1631.66 *	1526.38 *	1418.65 *	1283.04 *
11.0	1897.79 *	1875.22 *	1850.90 *	1812.67 *	1769.26 *	1709.88 *	1638.32 *	1537.66 *	1427.69 *	1292.16 *
9.0	1915.62 *	1888.65 *	1862.35 *	1826.61 *	1775.23 *	1719.56 *	1641.27 *	1549.69 *	1437.61 *	1299.50 *
7.0	1927.67 *	1906.49 *	1870.39 *	1828.55 *	1779.24 *	1727.56 *	1646.50 *	1561.33 *	1445.36 *	1304.64 *
5.0	1929.86 *	1912.75 *	1874.96 *	1831.65 *	1785.42 *	1731.71 *	1651.46 *	1564.25 *	1447.60 *	1307.77 *
3.0	1926.04 *	1912.99 *	1879.21 *	1833.80 *	1789.64 *	1732.64 *	1654.32 *	1566.55 *	1448.34 *	1309.40 *
1.0	1925.29 *	1911.82 *	1880.64 *	1833.42 *	1790.49 *	1731.37 *	1655.14 *	1567.22 *	1447.86 *	1309.47 *
0.0	1923.91 *	1910.00 *	1880.40 *	1832.42 *	1789.93 *	1729.99 *	1654.09 *	1566.92 *	1447.26 *	1308.90 *
-1.0	1924.36 *	1908.77 *	1879.13 *	1831.20 *	1789.17 *	1729.98 *	1654.19 *	1566.28 *	1447.01 *	1308.80 *
-3.0	1921.13 *	1903.85 *	1875.74 *	1828.81 *	1785.75 *	1728.50 *	1651.47 *	1563.58 *	1445.77 *	1307.31 *
-5.0	1915.71 *	1897.50 *	1871.70 *	1828.51 *	1779.17 *	1724.95 *	1646.71 *	1558.75 *	1443.27 *	1303.97 *
-7.0	1906.48 *	1886.21 *	1866.14 *	1821.68 *	1769.16 *	1718.35 *	1639.83 *	1552.73 *	1439.20 *	1298.64 *
-9.0	1895.35 *	1871.64 *	1844.58 *	1814.59 *	1759.71 *	1707.32 *	1632.68 *	1540.70 *	1430.18 *	1291.86 *
-11.0	1880.30 *	1863.14 *	1823.97 *	1798.23 *	1753.08 *	1693.17 *	1622.29 *	1529.34 *	1419.49 *	1284.37 *
-13.0	1860.95 *	1849.83 *	1825.09 *	1777.57 *	1739.47 *	1681.97 *	1610.45 *	1519.13 *	1409.97 *	1275.97 *
-15.0	1853.76 *	1831.83 *	1806.44 *	1760.02 *	1720.09 *	1667.98 *	1596.35 *	1507.75 *	1392.34 *	1264.53 *
-17.0	1834.73 *	1814.30 *	1781.60 *	1744.25 *	1699.37 *	1649.89 *	1580.18 *	1491.17 *	1375.36 *	1249.44 *
-19.5	1809.13 *	1784.20 *	1749.03 *	1713.76 *	1672.99 *	1624.27 *	1552.55 *	1467.31 *	1353.32 *	1231.38 *
-22.5	1769.74 *	1750.26 *	1714.88 *	1676.31 *	1642.70 *	1592.26 *	1523.51 *	1436.48 *	1329.55 *	1207.78 *
-25.5	1733.52 *	1712.04 *	1677.49 *	1643.60 *	1602.31 *	1550.68 *	1485.52 *	1406.19 *	1293.48 *	1177.52 *
-29.0	1687.25 *	1668.62 *	1637.63 *	1598.74 *	1552.62 *	1505.53 *	1441.09 *	1365.59 *	1255.29 *	1133.33 *
-33.0	1626.88 *	1610.14 *	1585.22 *	1548.82 *	1496.13 *	1443.70 *	1390.33 *	1311.42 *	1202.27 *	1066.73 *
-37.5	1574.80 *	1548.11 *	1515.68 *	1471.49 *	1427.83 *	1383.61 *	1325.21 *	1235.39 *	1114.87 *	973.45 *
-42.5	1443.50 *	1417.52 *	1388.66 *	1355.59 *	1312.82 *	1265.11 *	1201.36 *	1111.33 *	981.21 *	826.82 *
-47.5	1223.97 *	1212.29 *	1175.78 *	1112.40 *	1061.88 *	1039.77 *	986.04 *	922.98 *	762.25 *	637.43 *
-55.0	615.06 *	610.83 *	592.80 *	564.93 *	558.82 *	547.69 *	506.93 *	451.41 *	366.96 *	308.68 *
-65.0	65.71	64.24	62.14	69.11	73.82	68.14	53.68	48.27	44.57	73.54
-75.0	16.24	15.74	15.02	14.26	13.89	13.13	12.19	10.79	8.86	7.69
-85.0	7.50	7.31	7.08	6.80	6.37	5.89	5.34	4.74	4.07	3.45
-90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Angles	Horizontal Angles				
	55.0	65.0	75.0	85.0	90.0
90.0	0.00	0.00	0.00	0.00	0.00
85.0	7.34	4.50	0.89	0.01	0.00
75.0	25.94	18.57	8.76	0.41	0.00
65.0	70.64	32.04	13.85	1.45	0.00
55.0	269.57 *	93.80	20.86	2.43	0.00
47.5	499.20 *	207.70 *	32.96	2.94	0.00
42.5	654.00 *	290.23 *	45.89	3.20	0.00
37.5	783.82 *	382.94 *	62.62	3.41	0.00
33.0	860.84 *	451.21 *	81.17	3.57	0.00
29.0	919.85 *	501.16 *	98.20	3.72	0.00
25.5	963.39 *	536.90 *	114.48	3.82	0.00
22.5	996.22 *	563.54 *	127.31	3.87	0.00
19.5	1018.47 *	586.81 *	139.47	3.90	0.00
17.0	1034.65 *	604.23 *	149.03	3.91	0.00
15.0	1045.70 *	615.60 *	155.92	3.90	0.00
13.0	1056.31 *	624.36 *	162.14	3.88	0.00
11.0	1063.37 *	631.66 *	167.68	4.00	0.00
9.0	1068.86 *	637.46 *	172.53	3.91	0.00

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CANDELA TABULATION - (Cont.)

7.0	1072.28 *	641.73 *	176.68	3.82	0.00
5.0	1073.85 *	644.42 *	182.33	3.73	0.00
3.0	1075.08 *	647.38 *	183.70	3.64	0.00
1.0	1072.50 *	645.17 *	185.07	3.50	0.00
0.0	1071.21 *	644.06 *	185.76	3.50	0.00
-1.0	1071.93 *	644.77 *	185.04	3.49	0.00
-3.0	1073.36 *	646.19 *	183.59	3.48	0.00
-5.0	1071.05 *	642.40 *	182.15	3.46	0.00
-7.0	1068.46 *	638.83 *	176.44	3.45	0.00
-9.0	1064.10 *	633.64 *	172.21	3.44	0.00
-11.0	1057.79 *	626.84 *	167.30	3.42	0.00
-13.0	1050.02 *	618.45 *	161.71	3.21	0.00
-15.0	1036.74 *	608.51 *	155.45	3.13	0.00
-17.0	1022.47 *	597.04 *	148.51	3.05	0.00
-19.5	1003.78 *	581.05 *	138.91	2.93	0.00
-22.5	981.99 *	560.62 *	126.32	2.78	0.00
-25.5	953.18 *	533.87 *	112.57	2.61	0.00
-29.0	914.20 *	497.35 *	94.85	2.39	0.00
-33.0	852.93 *	448.72 *	75.80	2.12	0.00
-37.5	783.29 *	389.00 *	54.96	1.85	0.00
-42.5	633.65 *	295.52 *	37.88	1.63	0.00
-47.5	488.84 *	214.14 *	24.14	1.42	0.00
-55.0	264.36 *	91.59	11.32	1.10	0.00
-65.0	57.55	14.22	4.53	0.74	0.00
-75.0	6.46	3.01	1.67	0.25	0.00
-85.0	2.49	1.35	0.40	0.03	0.00
-90.0	0.00	0.00	0.00	0.00	0.00

IES FLOOD REPORT
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LUMEN TABULATION

Average Of Right And Left Sides

Total Luminaire Lumens (one side of beam only) = 2511.42

Total Field Lumens (one side of beam only) = 2470.18

* 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	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
75	0.09	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.16	0.19
65	0.21	0.41	0.41	0.41	0.41	0.41	0.40	0.40	0.39	0.47
55	0.98 *	2.01 *	2.07 *	2.11 *	2.13 *	2.13 *	2.14 *	2.13 *	2.08 *	1.96 *
47.5	2.05 *	4.15 *	4.18 *	4.19 *	4.18 *	4.17 *	4.17 *	4.14 *	4.07 *	3.94 *
42.5	2.10 *	4.21 *	4.20 *	4.17 *	4.13 *	4.09 *	4.09 *	4.04 *	3.99 *	3.90 *
37.5	2.41 *	4.81 *	4.79 *	4.77 *	4.73 *	4.68 *	4.68 *	4.62 *	4.54 *	4.45 *
33	2.30 *	4.60 *	4.58 *	4.55 *	4.52 *	4.47 *	4.47 *	4.42 *	4.35 *	4.26 *
29	2.13 *	4.25 *	4.23 *	4.20 *	4.17 *	4.13 *	4.13 *	4.08 *	4.01 *	3.92 *
25.5	1.92 *	3.84 *	3.82 *	3.80 *	3.76 *	3.73 *	3.73 *	3.68 *	3.61 *	3.54 *
22.5	1.69 *	3.37 *	3.36 *	3.34 *	3.30 *	3.27 *	3.27 *	3.22 *	3.17 *	3.10 *
19.5	1.73 *	3.45 *	3.44 *	3.41 *	3.38 *	3.34 *	3.34 *	3.29 *	3.23 *	3.16 *
17	1.46 *	2.92 *	2.91 *	2.89 *	2.87 *	2.83 *	2.83 *	2.79 *	2.74 *	2.68 *
15	1.18 *	2.36 *	2.35 *	2.34 *	2.32 *	2.29 *	2.29 *	2.26 *	2.22 *	2.18 *
13	1.19 *	2.38 *	2.37 *	2.36 *	2.34 *	2.31 *	2.31 *	2.27 *	2.23 *	2.20 *
11	1.20 *	2.40 *	2.39 *	2.38 *	2.35 *	2.32 *	2.32 *	2.29 *	2.25 *	2.21 *
9	1.21 *	2.41 *	2.40 *	2.39 *	2.36 *	2.33 *	2.33 *	2.31 *	2.27 *	2.23 *
7	1.21 *	2.42 *	2.41 *	2.40 *	2.37 *	2.35 *	2.35 *	2.32 *	2.28 *	2.24 *
5	1.21 *	2.43 *	2.42 *	2.40 *	2.38 *	2.36 *	2.36 *	2.33 *	2.29 *	2.25 *
3	1.21 *	2.43 *	2.42 *	2.41 *	2.39 *	2.36 *	2.36 *	2.33 *	2.29 *	2.25 *
1	1.21 *	2.43 *	2.42 *	2.40 *	2.38 *	2.36 *	2.36 *	2.32 *	2.29 *	2.25 *
0	0.61 *	1.21 *	1.21 *	1.20 *	1.18 *	1.18 *	1.18 *	1.16 *	1.14 *	1.13 *
-1	0.61 *	1.21 *	1.21 *	1.20 *	1.18 *	1.18 *	1.18 *	1.16 *	1.14 *	1.13 *
-3	1.22 *	2.43 *	2.42 *	2.40 *	2.38 *	2.36 *	2.36 *	2.32 *	2.28 *	2.25 *
	1.22 *	2.43 *	2.41 *	2.40 *	2.38 *	2.36 *	2.36 *	2.32 *	2.28 *	2.24 *

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LUMENS TABULATION - (Cont.)

-5	1.21 *	2.42 *	2.41 *	2.39 *	2.37 *	2.34 *	2.31 *	2.28 *	2.24 *	2.73 *
-7	1.21 *	2.41 *	2.40 *	2.38 *	2.36 *	2.33 *	2.30 *	2.27 *	2.22 *	2.71 *
-9	1.20 *	2.40 *	2.40 *	2.38 *	2.35 *	2.32 *	2.29 *	2.25 *	2.21 *	2.69 *
-11	1.20 *	2.39 *	2.39 *	2.37 *	2.34 *	2.31 *	2.27 *	2.23 *	2.19 *	2.67 *
-13	1.19 *	2.38 *	2.37 *	2.35 *	2.33 *	2.29 *	2.25 *	2.22 *	2.17 *	2.65 *
-15	1.18 *	2.36 *	2.35 *	2.33 *	2.31 *	2.27 *	2.24 *	2.20 *	2.15 *	2.63 *
-17	1.45 *	2.90 *	2.89 *	2.88 *	2.85 *	2.81 *	2.76 *	2.71 *	2.66 *	3.24 *
-19.5	1.71 *	3.42 *	3.41 *	3.39 *	3.36 *	3.31 *	3.26 *	3.21 *	3.14 *	3.82 *
-22.5	1.67 *	3.34 *	3.33 *	3.31 *	3.29 *	3.25 *	3.20 *	3.14 *	3.08 *	3.74 *
-25.5	1.91 *	3.80 *	3.79 *	3.77 *	3.74 *	3.70 *	3.64 *	3.58 *	3.50 *	4.26 *
-29	2.11 *	4.21 *	4.19 *	4.17 *	4.13 *	4.09 *	4.03 *	3.96 *	3.88 *	4.72 *
-33	2.28 *	4.55 *	4.54 *	4.51 *	4.47 *	4.43 *	4.37 *	4.29 *	4.20 *	5.12 *
-37.5	2.40 *	4.79 *	4.77 *	4.73 *	4.69 *	4.64 *	4.58 *	4.50 *	4.39 *	5.33 *
-42.5	2.12 *	4.25 *	4.24 *	4.21 *	4.17 *	4.12 *	4.05 *	3.97 *	3.87 *	4.69 *
-47.5	2.22 *	4.45 *	4.45 *	4.42 *	4.37 *	4.29 *	4.19 *	4.09 *	3.99 *	4.83 *
-55	1.12 *	2.26 *	2.26 *	2.23 *	2.20 *	2.14 *	2.08 *	2.02 *	1.98 *	2.40 *
-65	0.13	0.27	0.27	0.27	0.27	0.27	0.26	0.26	0.25	0.30
-75	0.04	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.09
-85	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
-90	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Total	58.70	117.45	117.17	116.48	115.48	114.17	112.55	110.58	108.24	131.43

Vert. Horizontal Angles

Angles	19.5	22.5	25.5	29	33	37.5	42.5	47.5	55	65
90	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.03	0.02	0.01
85	0.22	0.21	0.24	0.26	0.26	0.26	0.21	0.25	0.21	0.08
75	0.56	0.56	0.62	0.63	0.63	0.61	0.60	0.77	0.55	0.19
65	2.68 *	2.71 *	3.04 *	3.14 *	3.17 *	2.97 *	2.39 *	2.74	1.79	0.42
55	5.24 *	5.11 *	5.76 *	6.08 *	6.10 *	5.65 *	4.40 *	4.76 *	3.11 *	0.71
47.5	5.31 *	5.07 *	5.63 *	5.99 *	6.02 *	5.63 *	4.47 *	4.80 *	3.19 *	0.77

IES FLOOD REPORT
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LUMENS TABULATION - (Cont.)

42.5	6.21 *	5.91 *	6.50 *	6.91 *	6.99 *	6.65 *	5.39 *	5.93 *	4.11 *	1.04
37.5	5.98 *	5.70 *	6.27 *	6.66 *	6.78 *	6.53 *	5.41 *	6.07 *	4.34 *	1.17 *
33	5.53 *	5.28 *	5.82 *	6.17 *	6.30 *	6.12 *	5.13 *	5.81 *	4.23 *	1.20 *
29	4.98 *	4.75 *	5.25 *	5.58 *	5.70 *	5.54 *	4.68 *	5.34 *	3.95 *	1.16 *
25.5	4.38 *	4.18 *	4.62 *	4.91 *	5.01 *	4.88 *	4.12 *	4.72 *	3.54 *	1.07 *
22.5	4.46 *	4.27 *	4.72 *	5.01 *	5.11 *	4.98 *	4.20 *	4.83 *	3.66 *	1.13 *
19.5	3.78 *	3.62 *	4.00 *	4.25 *	4.33 *	4.22 *	3.56 *	4.10 *	3.12 *	0.98 *
17	3.07 *	2.93 *	3.24 *	3.44 *	3.50 *	3.41 *	2.89 *	3.32 *	2.54 *	0.81 *
15	3.09 *	2.96 *	3.27 *	3.47 *	3.54 *	3.44 *	2.92 *	3.36 *	2.57 *	0.83 *
13	3.12 *	2.99 *	3.30 *	3.50 *	3.56 *	3.47 *	2.94 *	3.38 *	2.60 *	0.84 *
11	3.15 *	3.01 *	3.32 *	3.52 *	3.58 *	3.49 *	2.96 *	3.40 *	2.61 *	0.85 *
9	3.16 *	3.02 *	3.33 *	3.53 *	3.60 *	3.51 *	2.97 *	3.42 *	2.63 *	0.86 *
7	3.17 *	3.02 *	3.33 *	3.54 *	3.61 *	3.52 *	2.98 *	3.43 *	2.63 *	0.87 *
5	3.17 *	3.03 *	3.34 *	3.54 *	3.61 *	3.53 *	2.99 *	3.43 *	2.64 *	0.87 *
3	3.18 *	3.03 *	3.34 *	3.54 *	3.62 *	3.53 *	2.99 *	3.44 *	2.64 *	0.88 *
1	1.59 *	1.52 *	1.67 *	1.77 *	1.81 *	1.76 *	1.49 *	1.72 *	1.32 *	0.44 *
0	1.59 *	1.51 *	1.67 *	1.77 *	1.81 *	1.76 *	1.49 *	1.72 *	1.31 *	0.44 *
-1	3.17 *	3.03 *	3.33 *	3.54 *	3.61 *	3.53 *	2.99 *	3.43 *	2.63 *	0.87 *
-3	3.17 *	3.02 *	3.33 *	3.53 *	3.61 *	3.52 *	2.98 *	3.43 *	2.63 *	0.87 *
-5	3.16 *	3.01 *	3.32 *	3.53 *	3.60 *	3.51 *	2.97 *	3.42 *	2.62 *	0.86 *
-7	3.14 *	3.00 *	3.31 *	3.51 *	3.58 *	3.50 *	2.96 *	3.41 *	2.61 *	0.85 *
-9	3.12 *	2.99 *	3.29 *	3.49 *	3.56 *	3.48 *	2.94 *	3.39 *	2.59 *	0.84 *
-11	3.10 *	2.97 *	3.27 *	3.47 *	3.54 *	3.45 *	2.93 *	3.37 *	2.57 *	0.83 *
-13	3.07 *	2.94 *	3.25 *	3.44 *	3.51 *	3.42 *	2.90 *	3.34 *	2.55 *	0.82 *
-15	3.04 *	2.91 *	3.21 *	3.41 *	3.48 *	3.39 *	2.87 *	3.30 *	2.51 *	0.80 *
-17	3.75 *	3.59 *	3.96 *	4.21 *	4.30 *	4.18 *	3.54 *	4.07 *	3.08 *	0.97 *
-19.5	4.42 *	4.23 *	4.67 *	4.96 *	5.07 *	4.93 *	4.18 *	4.79 *	3.60 *	1.11 *
-22.5	4.32 *	4.14 *	4.57 *	4.86 *	4.96 *	4.83 *	4.08 *	4.68 *	3.48 *	1.05 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : PF2E HI F UV D 840.IES

LUMENS TABULATION - (Cont.)

-25.5	4.92 *	4.70 *	5.19 *	5.52 *	5.63 *	5.48 *	4.63 *	5.28 *	3.87 *	1.13 *
-29	5.46 *	5.21 *	5.73 *	6.09 *	6.22 *	6.04 *	5.06 *	5.72 *	4.14 *	1.16 *
-33	5.91 *	5.62 *	6.18 *	6.56 *	6.67 *	6.42 *	5.31 *	5.95 *	4.23 *	1.13 *
-37.5	6.14 *	5.84 *	6.41 *	6.77 *	6.83 *	6.47 *	5.23 *	5.74 *	3.97 *	1.01
-42.5	5.37 *	5.06 *	5.53 *	5.84 *	5.85 *	5.43 *	4.26 *	4.57 *	3.06 *	0.74
-47.5	5.51 *	5.17 *	5.66 *	5.95 *	5.87 *	5.31 *	4.11 *	4.47 *	2.96 *	0.67
-55	2.77 *	2.67 *	2.94 *	3.03 *	2.89 *	2.58 *	2.10	2.47	1.61	0.33
-65	0.36	0.38	0.42	0.42	0.39	0.36	0.39	0.54	0.34	0.07
-75	0.10	0.10	0.11	0.11	0.11	0.10	0.08	0.09	0.06	0.02
-85	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.00
-90										
Total	151.69	145.01	160.02	169.51	171.98	165.45	137.72	156.25	114.42	33.77

Vert. Angles	Horizontal Angles			
	<u>75</u>	<u>85</u>	<u>90</u>	<u>Total</u>
90	0.00	0.00		0.44
85	0.01	0.00		3.84
75	0.03	0.00		9.65
65	0.05	0.00		45.00
55	0.06	0.00		86.68
47.5	0.06	0.00		86.45
42.5	0.08	0.00		100.90
37.5	0.09	0.00		98.25
33	0.10	0.00		91.59
29	0.11	0.00		83.04
25.5	0.10	0.00		73.12
22.5	0.11	0.00		74.77
19.5	0.10	0.00		63.43
17	0.09	0.00		51.38
15	0.09	0.00		51.87

IES FLOOD REPORT
PHOTOMETRIC FILENAME : PF2E HI F UV D 840.IES

LUMENS TABULATION - (Cont.)

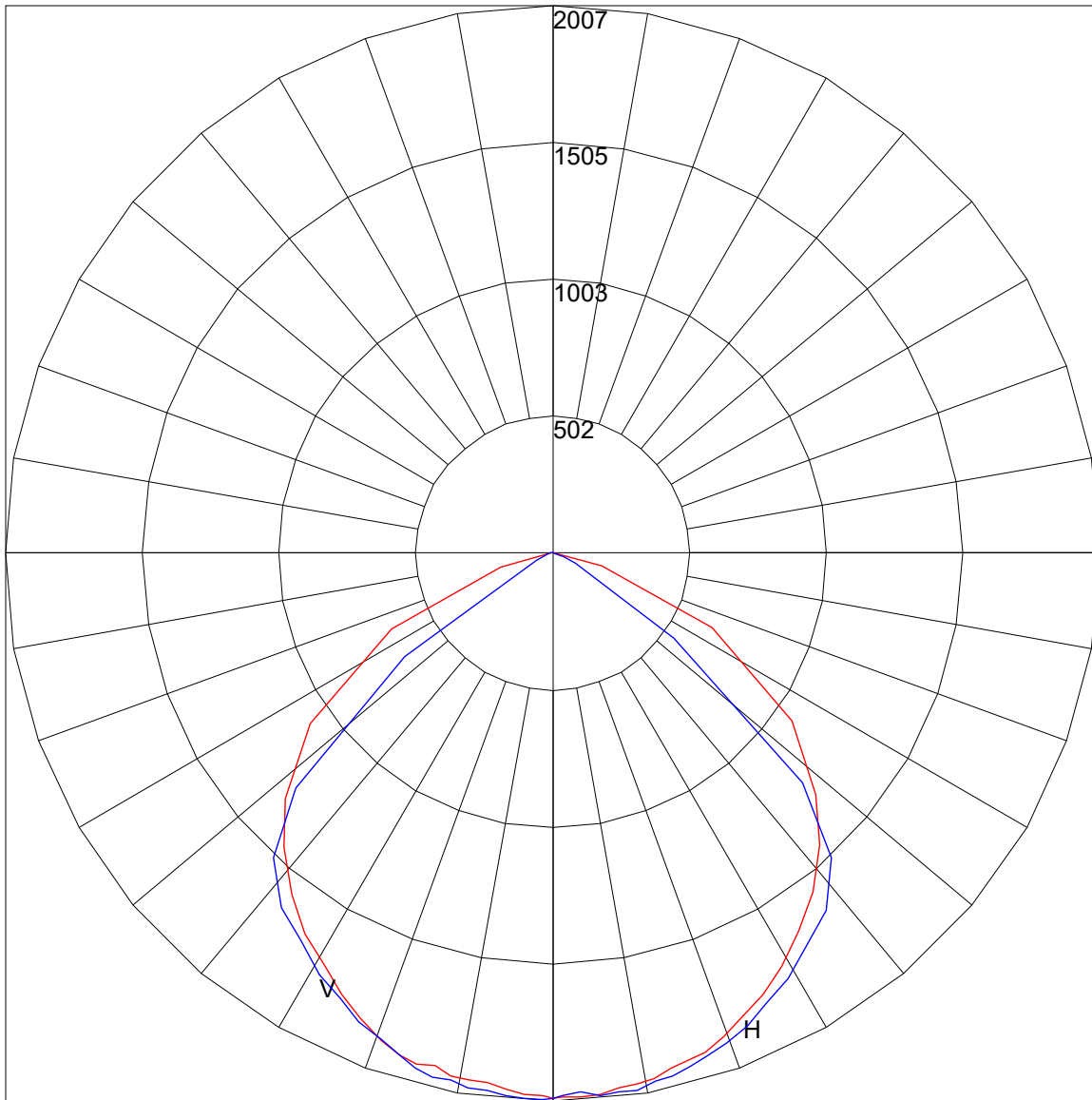
13	0.09	0.00	52.29
11	0.10	0.00	52.61
9	0.10	0.00	52.86
7	0.10	0.00	53.02
5	0.10	0.00	53.10
3	0.10	0.00	53.09
1	0.05	0.00	26.51
0	0.05	0.00	26.51
-1	0.10	0.00	53.03
-3	0.10	0.00	52.97
-5	0.10	0.00	52.82
-7	0.10	0.00	52.58
-9	0.09	0.00	52.28
-11	0.09	0.00	51.95
-13	0.09	0.00	51.54
-15	0.08	0.00	51.02
-17	0.10	0.00	62.90
-19.5	0.11	0.00	74.09
-22.5	0.10	0.00	72.41
-25.5	0.10	0.00	82.15
-29	0.10	0.00	90.42
-33	0.09	0.00	96.83
-37.5	0.07	0.00	99.30
-42.5	0.05	0.00	85.47
-47.5	0.04	0.00	87.00
-55	0.03	0.00	44.11
-65	0.01	0.00	6.23
-75	0.00	0.00	1.65

IES FLOOD REPORT
PHOTOMETRIC FILENAME : PF2E HI F UV D 840.IES

LUMENS TABULATION - (Cont.)

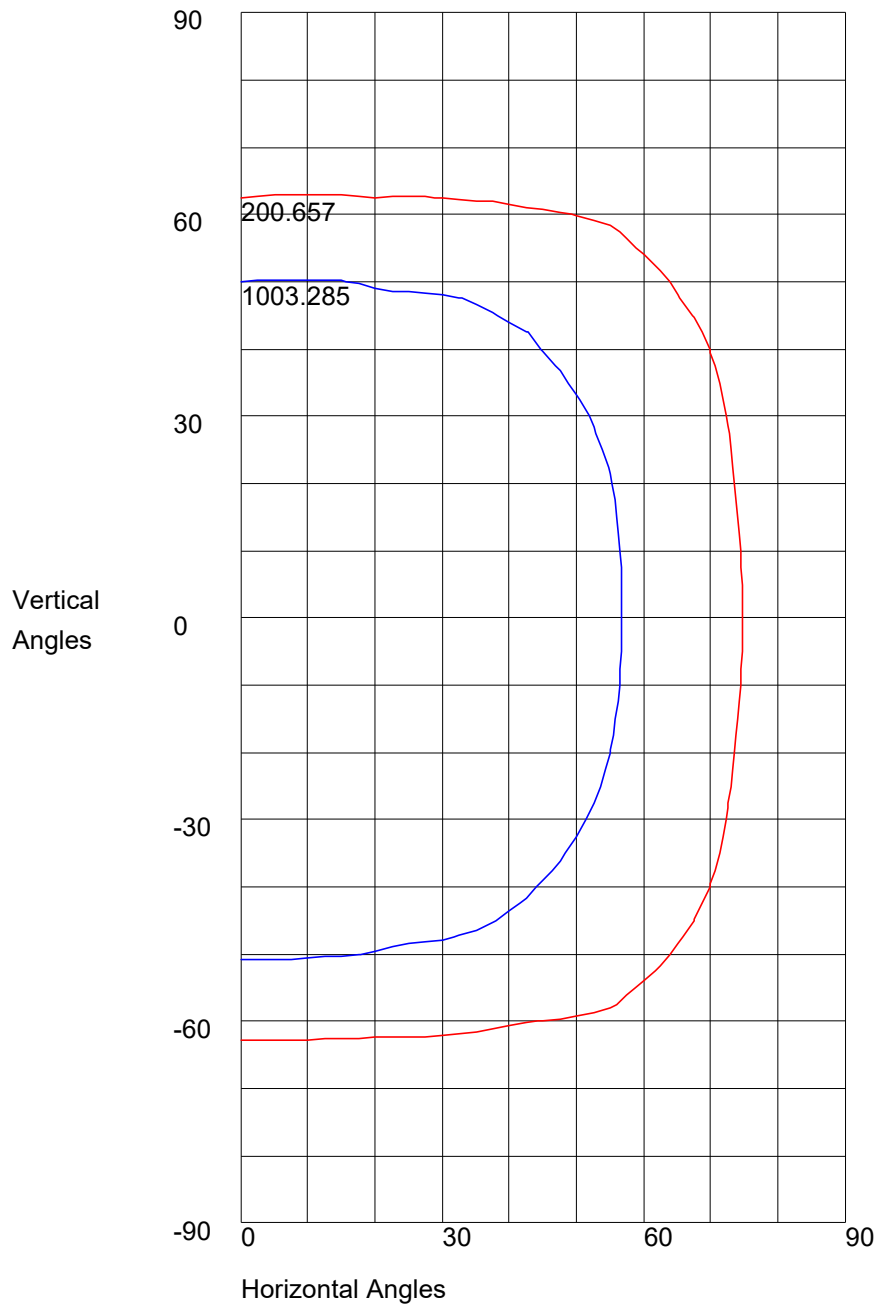
-85	0.00	0.00	0.26
-90			
Total	3.35	0.01	2511.42

AXIAL CANDELA DISPLAY



Maximum Candela = 2006.57 Located At Horizontal Angle = -1, Vertical Angle = 3
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 2006.57 Located At Horizontal Angle = -1, Vertical Angle = 3
50% Maximum Candela = 1003.285
10% Maximum Candela = 200.657