



IES FLOOD REPORT
PHOTOMETRIC FILENAME : PTR53W6800LMV50KBZ.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] PTR53W6800LMV50KBZ
[TESTLAB] BACL
[TESTDATE] 2017-7-17
[ISSUEDATE] 2017-07-21 10:17:15
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-R5000_V2 SYSTEM
[MANUFAC] SAYLITE

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

CHARACTERISTICS

NEMA Type	7 H x 7 V
Maximum Candela	2871.32
Maximum Candela Angle	0H -1V
Horizontal Beam Angle (50%)	81.4
Vertical Beam Angle (50%)	87.0
Horizontal Field Angle (10%)	153.5
Vertical Field Angle (10%)	160.4
Lumens Per Lamp	6080 (1 lamp)
Total Lamp Lumens	6080
Beam Lumens	3166
Beam Efficiency	52 %
Field Lumens	5804
Field Efficiency	95 %
Spill Lumens	241
Luminaire Lumens	6045
Total Efficiency	99 %
Total Luminaire Watts	52.5
Ballast Factor	1.00

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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	59.44	90	14.1
85	170.13	85	190.83
75	324.54	75	360.78
65	592.49	65	641.34
55	934.54	55	999.72
47.5	1201.81	47.5	1262.28
42.5	1397.69	42.5	1435.3
37.5	1639.8	37.5	1664.31
33	1883.87	33	1891.26
29	2177.41	29	2121.55
25.5	2335.48	25.5	2221.27
22.5	2410.74	22.5	2223.05
19.5	2501.89	19.5	2124.68
17	2550.88	17	1931.15
15	2570.36	15	1867.15
13	2574.8	13	1940.21
11	2597.81	11	2033.88
9	2649.13	9	2113.66
7	2702.53	7	2245.48
5	2788.44	5	2552.6
3	2841.25	3	2759.89
1	2869.65	1	2851.65
0	2869.52	0	2869.52
-1	2857.34	-1	2871.32
-3	2809.62	-3	2827.45
-5	2737.98	-5	2750.76
-7	2645.5	-7	2531.19
-9	2596.13	-9	2371.39
-11	2572.19	-11	2137.8
-13	2557.33	-13	1925.46
-15	2520.97	-15	1846.77
-17	2480.26	-17	1880.28
-19.5	2430.79	-19.5	1998.92
-22.5	2341.22	-22.5	2219.11
-25.5	2219.62	-25.5	2244.37
-29	1984.02	-29	2203.9
-33	1757.06	-33	1961.95
-37.5	1529.37	-37.5	1738.27
-42.5	1315.02	-42.5	1514.96
-47.5	1125.45	-47.5	1321.39
-55	880.32	-55	1070.86
-65	558.95	-65	706.01
-75	301.52	-75	399.66
-85	159.18	-85	214.56
-90	59.54	-90	65.96

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CANDELA TABULATION

Maximum Candela = 2871.32
 Beam Edge = 1435.66 Cd (50% of Max.)
 Field Edge = 287.132 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	59.30	57.60	54.20	51.94	53.13	54.02	53.65	52.33	51.15	50.09
85.0	59.32	67.73	85.16	105.27	118.77	125.43	130.83	138.67	144.51	149.98
75.0	59.36	90.16	141.44	170.28	202.32	229.58	250.52	276.96	300.39 *	320.64 *
65.0	59.40	114.79	170.91	225.95	296.80 *	372.08 *	424.51 *	475.96 *	522.01 *	560.21 *
55.0	59.43	130.45	198.37	278.76	396.55 *	525.78 *	630.01 *	698.88 *	747.69 *	792.30 *
47.5	59.46	138.82	219.09	320.79 *	481.27 *	643.99 *	739.97 *	840.51 *	922.66 *	988.07 *
42.5	59.47	143.40	232.53	353.19 *	538.50 *	712.81 *	830.04 *	946.18 *	1050.10 *	1130.78 *
37.5	59.49	148.07	245.82	388.08 *	588.69 *	782.19 *	911.77 *	1044.98 *	1177.12 *	1286.68 *
33.0	59.50	150.18	256.50	419.53 *	644.54 *	840.13 *	977.22 *	1129.22 *	1276.17 *	1412.45 *
29.0	59.51	152.14	265.16	446.38 *	690.50 *	881.84 *	1028.49 *	1196.19 *	1356.51 *	1502.18 *
25.5	59.52	153.67	272.37	468.35 *	726.76 *	918.97 *	1066.70 *	1242.22 *	1416.88 *	1568.69 *
22.5	59.52	154.84	277.98	486.14 *	755.92 *	955.17 *	1096.05 *	1280.68 *	1466.45 *	1627.62 *
19.5	59.53	155.87	283.18	501.49 *	782.50 *	990.08 *	1134.72 *	1312.99 *	1510.55 *	1683.27 *
17.0	59.53	156.62	287.18 *	513.33 *	802.81 *	1017.27 *	1169.73 *	1351.06 *	1544.02 *	1738.23 *
15.0	59.53	157.16	290.07 *	521.98 *	817.64 *	1036.73 *	1196.02 *	1385.78 *	1573.14 *	1787.17 *
13.0	59.53	157.63	292.65 *	529.88 *	831.77 *	1054.83 *	1222.96 *	1418.16 *	1614.18 *	1835.57 *
11.0	59.54	158.97	294.93 *	536.88 *	842.83 *	1071.49 *	1242.42 *	1446.10 *	1652.74 *	1876.86 *
9.0	59.54	159.01	296.89 *	542.95 *	853.10 *	1086.13 *	1262.25 *	1469.76 *	1689.91 *	1911.92 *
7.0	59.54	159.05	298.52 *	548.10 *	861.85 *	1098.64 *	1279.14 *	1491.84 *	1712.86 *	1939.87 *
5.0	59.54	159.08	300.95 *	552.34 *	869.07 *	1108.98 *	1293.33 *	1506.06 *	1733.38 *	1960.71 *
3.0	59.54	159.12	301.18 *	556.68 *	876.49 *	1117.17 *	1304.40 *	1518.60 *	1747.47 *	1975.09 *
1.0	59.54	159.16	301.41 *	558.19 *	879.04 *	1123.23 *	1312.28 *	1526.85 *	1756.08 *	1983.62 *
0.0	59.54	159.18	301.52 *	558.95 *	880.32 *	1125.45 *	1315.02 *	1529.37 *	1757.06 *	1984.02 *
-1.0	59.54	159.18	302.16 *	561.23 *	882.29 *	1128.33 *	1317.92 *	1530.60 *	1752.81 *	1968.93 *
-3.0	59.54	159.10	303.43 *	565.80 *	886.21 *	1132.47 *	1321.34 *	1530.08 *	1738.41 *	1932.12 *
-5.0	59.54	159.05	304.70 *	567.51 *	885.29 *	1134.38 *	1321.64 *	1526.00 *	1720.43 *	1892.35 *
-7.0	59.54	159.00	303.62 *	569.28 *	884.58 *	1134.00 *	1318.93 *	1521.06 *	1699.16 *	1850.79 *
-9.0	59.54	158.95	303.31 *	570.08 *	882.33 *	1131.18 *	1314.12 *	1510.04 *	1678.46 *	1810.05 *
-11.0	59.54	158.90	302.57 *	569.88 *	878.58 *	1125.83 *	1306.99 *	1498.81 *	1652.44 *	1773.26 *
-13.0	59.53	157.54	301.39 *	568.67 *	874.02 *	1118.05 *	1300.48 *	1485.42 *	1629.23 *	1739.30 *
-15.0	59.53	157.05	299.76 *	566.44 *	866.62 *	1107.78 *	1285.67 *	1469.97 *	1607.53 *	1733.21 *
-17.0	59.53	156.50	297.67 *	563.07 *	858.57 *	1094.93 *	1271.07 *	1450.74 *	1594.82 *	1722.88 *
-19.5	59.53	155.72	294.41 *	557.27 *	846.29 *	1076.11 *	1249.18 *	1422.29 *	1576.04 *	1703.70 *
-22.5	59.52	154.66	289.77 *	548.55 *	828.35 *	1050.55 *	1221.66 *	1384.27 *	1541.06 *	1677.16 *
-25.5	59.52	153.45	284.32	537.95 *	808.45 *	1022.62 *	1181.20 *	1342.58 *	1492.20 *	1627.01 *
-29.0	59.51	151.88	276.70	523.73 *	785.09 *	984.60 *	1128.94 *	1284.65 *	1423.74 *	1556.01 *
-33.0	59.50	149.85	267.43	504.46 *	763.70 *	936.32 *	1066.69 *	1208.07 *	1335.06 *	1452.28 *
-37.5	59.49	147.67	255.51	477.83 *	737.22 *	874.42 *	992.25 *	1115.62 *	1228.78 *	1326.84 *
-42.5	59.48	143.02	240.55	438.47 *	673.07 *	800.94 *	904.84 *	1009.31 *	1107.18 *	1191.77 *
-47.5	59.46	138.47	225.73	393.76 *	604.42 *	738.75 *	807.34 *	895.93 *	986.38 *	1061.41 *
-55.0	59.44	130.17	203.12	323.36 *	518.34 *	618.31 *	692.44 *	740.22 *	800.44 *	860.63 *
-65.0	59.40	114.67	171.70	241.15	365.03 *	475.97 *	547.87 *	560.64 *	571.56 *	587.24 *
-75.0	59.36	90.93	139.67	174.47	231.76	281.14	314.18 *	336.24 *	351.23 *	360.07 *
-85.0	59.32	68.07	87.53	107.62	133.40	150.72	161.73	172.52	180.40	187.34
-90.0	59.30	57.30	53.31	51.25	54.98	57.79	57.32	54.50	51.97	49.72

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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	49.17	48.37	43.80	39.99	36.94	33.89	30.85	27.80	24.76	21.71
85.0	154.56	158.38	163.49	167.59	170.74	173.77	178.09	180.41	182.72	185.04
75.0	338.51 *	352.84 *	360.26 *	363.97 *	366.06 *	367.39 *	368.02 *	367.99 *	367.33 *	367.52 *
65.0	590.87 *	615.72 *	634.95 *	642.21 *	646.35 *	649.06 *	650.75 *	651.39 *	650.98 *	649.53 *
55.0	830.32 *	861.89 *	890.62 *	911.65 *	927.29 *	942.59 *	954.90 *	966.53 *	976.68 *	985.29 *
47.5	1041.32 *	1083.89 *	1122.76 *	1152.34 *	1175.42 *	1195.44 *	1212.47 *	1227.03 *	1239.23 *	1248.91 *
42.5	1197.84 *	1253.58 *	1299.13 *	1332.04 *	1355.59 *	1378.28 *	1391.80 *	1405.67 *	1416.91 *	1425.72 *
37.5	1358.99 *	1417.23 *	1467.35 *	1504.95 *	1533.90 *	1559.41 *	1583.91 *	1606.63 *	1628.36 *	1641.67 *
33.0	1496.38 *	1560.97 *	1621.35 *	1667.58 *	1701.79 *	1733.63 *	1765.76 *	1799.29 *	1823.84 *	1848.39 *
29.0	1611.43 *	1684.28 *	1745.99 *	1796.33 *	1832.70 *	1865.67 *	1897.85 *	1938.48 *	1981.09 *	2023.59 *
25.5	1686.62 *	1765.77 *	1826.73 *	1870.58 *	1902.17 *	1930.43 *	1947.93 *	1975.15 *	2019.78 *	2074.21 *
22.5	1749.29 *	1822.53 *	1867.25 *	1910.58 *	1927.30 *	1932.86 *	1928.89 *	1914.82 *	1975.32 *	2041.85 *
19.5	1819.09 *	1886.44 *	1915.88 *	1937.21 *	1953.35 *	1953.69 *	1945.45 *	1930.72 *	1950.27 *	2013.11 *
17.0	1880.95 *	1960.07 *	1989.57 *	1993.90 *	1996.91 *	1999.62 *	1989.77 *	1972.46 *	1951.73 *	1965.90 *
15.0	1935.08 *	2021.89 *	2057.84 *	2062.67 *	2052.91 *	2044.44 *	2035.70 *	2025.58 *	2010.20 *	1986.55 *
13.0	1999.39 *	2087.81 *	2130.99 *	2137.46 *	2121.03 *	2097.68 *	2094.94 *	2090.99 *	2070.51 *	2039.51 *
11.0	2062.76 *	2157.56 *	2207.35 *	2207.11 *	2193.80 *	2182.96 *	2169.60 *	2161.57 *	2140.53 *	2127.69 *
9.0	2102.66 *	2213.91 *	2282.93 *	2276.26 *	2277.61 *	2276.33 *	2259.96 *	2226.04 *	2209.08 *	2192.87 *
7.0	2136.94 *	2252.08 *	2325.29 *	2348.32 *	2367.52 *	2361.91 *	2336.71 *	2300.48 *	2261.38 *	2256.86 *
5.0	2170.13 *	2286.18 *	2354.67 *	2392.29 *	2424.00 *	2433.47 *	2408.16 *	2379.62 *	2371.04 *	2324.03 *
3.0	2194.42 *	2311.53 *	2386.27 *	2431.39 *	2463.50 *	2479.52 *	2471.34 *	2474.57 *	2537.36 *	2580.68 *
1.0	2212.86 *	2332.67 *	2416.79 *	2465.53 *	2503.30 *	2531.85 *	2538.07 *	2559.31 *	2624.03 *	2708.89 *
0.0	2219.62 *	2341.22 *	2430.79 *	2480.26 *	2520.97 *	2557.33 *	2572.19 *	2596.13 *	2645.50 *	2737.98 *
-1.0	2191.46 *	2305.61 *	2388.87 *	2435.76 *	2469.37 *	2496.83 *	2504.52 *	2513.78 *	2571.70 *	2689.63 *
-3.0	2130.46 *	2231.19 *	2301.51 *	2343.27 *	2362.43 *	2373.21 *	2368.94 *	2350.87 *	2363.38 *	2570.74 *
-5.0	2064.33 *	2154.92 *	2210.34 *	2249.05 *	2257.91 *	2253.42 *	2254.56 *	2268.16 *	2278.98 *	2328.53 *
-7.0	1989.32 *	2076.50 *	2117.82 *	2150.35 *	2173.31 *	2193.02 *	2207.47 *	2220.99 *	2231.08 *	2270.14 *
-9.0	1913.48 *	1999.57 *	2038.42 *	2084.95 *	2119.05 *	2144.80 *	2160.54 *	2168.03 *	2159.72 *	2140.46 *
-11.0	1845.63 *	1946.66 *	1997.08 *	2027.56 *	2054.98 *	2081.25 *	2106.26 *	2102.38 *	2090.25 *	2071.00 *
-13.0	1834.45 *	1917.27 *	1963.22 *	1980.47 *	1991.92 *	2008.97 *	2025.64 *	2024.36 *	2012.17 *	1994.73 *
-15.0	1840.22 *	1901.61 *	1935.76 *	1945.57 *	1945.97 *	1968.84 *	1977.89 *	1962.83 *	1936.82 *	1919.02 *
-17.0	1838.63 *	1916.49 *	1923.81 *	1920.07 *	1949.90 *	1982.09 *	1990.05 *	1974.51 *	1936.75 *	1913.94 *
-19.5	1824.81 *	1928.33 *	1953.03 *	1949.32 *	1979.84 *	2023.33 *	2060.40 *	2072.15 *	2057.46 *	2030.57 *
-22.5	1787.19 *	1892.77 *	1989.54 *	2021.00 *	2029.95 *	2060.74 *	2100.31 *	2145.75 *	2163.31 *	2181.29 *
-25.5	1741.29 *	1831.53 *	1910.90 *	1977.39 *	2029.98 *	2069.75 *	2107.14 *	2146.00 *	2172.03 *	2194.30 *
-29.0	1664.46 *	1746.40 *	1811.91 *	1866.97 *	1909.61 *	1949.98 *	1990.55 *	2041.21 *	2087.03 *	2127.21 *
-33.0	1541.86 *	1616.96 *	1686.04 *	1736.67 *	1773.43 *	1807.87 *	1838.90 *	1870.65 *	1894.59 *	1919.07 *
-37.5	1406.30 *	1468.34 *	1524.70 *	1569.44 *	1602.60 *	1633.16 *	1659.62 *	1682.45 *	1704.18 *	1717.00 *
-42.5	1259.43 *	1315.47 *	1360.87 *	1397.82 *	1423.08 *	1445.79 *	1459.93 *	1475.04 *	1488.14 *	1499.61 *
-47.5	1121.63 *	1167.99 *	1209.84 *	1241.64 *	1259.08 *	1274.45 *	1287.73 *	1298.84 *	1307.75 *	1314.39 *
-55.0	912.28 *	954.52 *	993.90 *	1015.69 *	1028.47 *	1040.41 *	1048.52 *	1056.04 *	1062.14 *	1066.72 *
-65.0	607.54 *	625.29 *	641.59 *	655.87 *	666.20 *	675.67 *	683.80 *	690.62 *	696.16 *	700.46 *
-75.0	364.74 *	366.36 *	371.76 *	377.24 *	381.28 *	384.99 *	388.34 *	391.33 *	393.92 *	397.52 *
-85.0	192.97	197.49	200.41	202.68	204.40	206.04	208.95	209.97	210.99	212.01
-90.0	47.75	46.07	48.73	50.94	52.71	54.48	56.25	58.02	59.78	61.55

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	18.67	15.62	14.10	17.16	23.28	29.40	35.52	41.64	47.76	53.88
85.0	187.36	189.67	190.83	191.04	191.45	191.86	192.27	192.68	193.09	191.52
75.0	364.82 *	362.13 *	360.78 *	361.92 *	364.19 *	366.46 *	366.22 *	366.88 *	367.15 *	367.05 *
65.0	648.20 *	643.63 *	641.34 *	643.21 *	646.96 *	647.40 *	647.92 *	647.33 *	645.59 *	642.70 *

CANDELA TABULATION - (Cont.)

55.0	994.22 *	997.88 *	999.72 *	1002.77 *	1008.87 *	1009.56 *	1010.45 *	1009.58 *	1006.98 *	1003.42 *
47.5	1256.02 *	1260.75 *	1262.28 *	1264.51 *	1267.40 *	1268.19 *	1266.88 *	1263.35 *	1257.63 *	1249.88 *
42.5	1431.74 *	1434.85 *	1435.30 *	1437.91 *	1440.86 *	1440.78 *	1437.68 *	1432.13 *	1423.80 *	1415.68 *
37.5	1653.71 *	1661.82 *	1664.31 *	1665.45 *	1664.61 *	1659.87 *	1653.88 *	1639.37 *	1623.81 *	1604.96 *
33.0	1869.08 *	1885.86 *	1891.26 *	1891.24 *	1884.94 *	1874.01 *	1858.01 *	1840.81 *	1812.26 *	1783.68 *
29.0	2065.24 *	2104.70 *	2121.55 *	2116.75 *	2100.38 *	2079.12 *	2052.63 *	2021.24 *	1986.99 *	1945.51 *
25.5	2131.48 *	2191.08 *	2221.27 *	2215.29 *	2203.30 *	2191.20 *	2173.21 *	2154.42 *	2114.47 *	2064.18 *
22.5	2113.82 *	2186.59 *	2223.05 *	2216.87 *	2204.72 *	2193.41 *	2179.96 *	2165.95 *	2118.76 *	2079.95 *
19.5	2060.10 *	2101.05 *	2124.68 *	2113.37 *	2103.23 *	2104.97 *	2119.21 *	2122.59 *	2087.78 *	2035.06 *
17.0	1959.11 *	1938.87 *	1931.15 *	1925.92 *	1927.38 *	1933.29 *	1950.67 *	1999.83 *	2025.82 *	2009.29 *
15.0	1946.62 *	1893.56 *	1867.15 *	1871.42 *	1882.82 *	1887.77 *	1913.14 *	1959.23 *	1993.04 *	1997.18 *
13.0	2005.31 *	1966.88 *	1940.21 *	1935.94 *	1913.47 *	1889.56 *	1956.16 *	2000.09 *	2015.23 *	2020.31 *
11.0	2099.27 *	2061.05 *	2033.88 *	2039.52 *	2027.38 *	2014.04 *	2047.22 *	2091.33 *	2102.58 *	2087.25 *
9.0	2172.34 *	2139.23 *	2113.66 *	2159.91 *	2193.62 *	2163.81 *	2174.43 *	2209.50 *	2191.61 *	2171.88 *
7.0	2251.31 *	2254.90 *	2245.48 *	2307.07 *	2379.11 *	2313.12 *	2271.15 *	2267.04 *	2261.68 *	2245.89 *
5.0	2469.51 *	2559.83 *	2552.60 *	2577.94 *	2539.83 *	2500.29 *	2344.97 *	2322.32 *	2313.83 *	2317.32 *
3.0	2641.35 *	2741.31 *	2759.89 *	2769.12 *	2739.78 *	2648.04 *	2459.58 *	2413.56 *	2414.90 *	2419.96 *
1.0	2789.79 *	2839.87 *	2851.65 *	2855.04 *	2828.80 *	2746.38 *	2651.52 *	2571.96 *	2537.52 *	2523.34 *
0.0	2809.62 *	2857.34 *	2869.52 *	2869.65 *	2841.25 *	2788.44 *	2702.53 *	2649.13 *	2597.81 *	2574.80 *
-1.0	2800.88 *	2853.95 *	2871.32 *	2869.04 *	2844.95 *	2794.86 *	2704.32 *	2646.63 *	2588.24 *	2564.78 *
-3.0	2679.99 *	2803.33 *	2827.45 *	2832.67 *	2804.11 *	2730.27 *	2681.45 *	2619.43 *	2561.35 *	2543.99 *
-5.0	2570.20 *	2697.17 *	2750.76 *	2742.48 *	2674.90 *	2601.41 *	2503.78 *	2513.67 *	2517.21 *	2522.59 *
-7.0	2427.39 *	2522.43 *	2531.19 *	2550.66 *	2498.11 *	2381.54 *	2352.93 *	2395.46 *	2425.26 *	2454.61 *
-9.0	2198.28 *	2329.36 *	2371.39 *	2355.51 *	2299.48 *	2283.38 *	2286.39 *	2301.62 *	2342.94 *	2374.58 *
-11.0	2076.41 *	2125.40 *	2137.80 *	2158.94 *	2167.41 *	2188.36 *	2205.17 *	2233.39 *	2261.51 *	2286.80 *
-13.0	1975.38 *	1946.37 *	1925.46 *	1965.92 *	2032.92 *	2087.31 *	2128.11 *	2163.91 *	2185.94 *	2190.67 *
-15.0	1900.77 *	1866.13 *	1846.77 *	1884.71 *	1958.09 *	2018.76 *	2062.34 *	2093.85 *	2107.65 *	2110.49 *
-17.0	1899.81 *	1884.93 *	1880.28 *	1902.63 *	1948.94 *	1984.42 *	1997.89 *	2018.10 *	2032.81 *	2047.60 *
-19.5	2010.26 *	1999.59 *	1998.92 *	1995.25 *	1991.01 *	1978.49 *	1944.95 *	1931.70 *	1954.78 *	1983.21 *
-22.5	2193.90 *	2209.68 *	2219.11 *	2180.01 *	2103.12 *	2024.69 *	1948.59 *	1880.20 *	1926.94 *	1954.24 *
-25.5	2214.13 *	2234.14 *	2244.37 *	2210.14 *	2143.38 *	2080.39 *	2020.33 *	1963.65 *	1942.54 *	1952.85 *
-29.0	2162.19 *	2192.28 *	2203.90 *	2181.40 *	2131.19 *	2080.36 *	2031.29 *	1984.37 *	1940.66 *	1914.70 *
-33.0	1939.88 *	1956.74 *	1961.95 *	1954.59 *	1933.51 *	1908.72 *	1880.67 *	1853.57 *	1819.72 *	1790.02 *
-37.5	1728.36 *	1735.92 *	1738.27 *	1736.07 *	1728.95 *	1718.49 *	1707.11 *	1687.28 *	1666.90 *	1643.38 *
-42.5	1508.16 *	1513.54 *	1514.96 *	1513.93 *	1509.27 *	1501.30 *	1490.17 *	1477.00 *	1461.33 *	1446.32 *
-47.5	1318.81 *	1321.06 *	1321.39 *	1320.25 *	1316.36 *	1310.19 *	1301.64 *	1290.31 *	1275.95 *	1258.63 *
-55.0	1071.70 *	1071.14 *	1070.86 *	1068.70 *	1064.39 *	1054.50 *	1045.00 *	1033.94 *	1021.40 *	1008.24 *
-65.0	704.81 *	705.61 *	706.01 *	707.94 *	711.80 *	712.24 *	712.83 *	712.34 *	710.80 *	708.22 *
-75.0	398.38 *	399.23 *	399.66 *	402.61 *	408.52 *	414.43 *	416.83 *	420.15 *	422.60 *	424.11 *
-85.0	213.03	214.05	214.56	213.66	211.86	210.07	208.27	206.47	204.67	200.70
-90.0	63.31	65.07	65.96	65.93	65.88	65.84	65.79	65.74	65.69	65.64

Vert. 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	60.00	66.12	73.77	82.96	79.46	75.38	70.71	65.46	59.62	56.41
85.0	191.24	190.84	190.17	189.03	184.71	179.39	172.91	165.75	154.82	143.50
75.0	366.58 *	365.74 *	364.22 *	362.30 *	360.58 *	355.78 *	346.78 *	331.96 *	310.43 *	278.80
65.0	638.63 *	633.45 *	625.29 *	613.49 *	598.78 *	580.34 *	559.96 *	547.53 *	542.75 *	482.11 *
55.0	995.94 *	987.59 *	970.54 *	935.01 *	896.71 *	848.94 *	796.06 *	749.85 *	706.40 *	628.44 *
47.5	1240.51 *	1229.58 *	1199.91 *	1159.65 *	1113.48 *	1053.96 *	981.25 *	898.69 *	814.81 *	748.56 *
42.5	1399.85 *	1378.39 *	1345.52 *	1303.01 *	1251.07 *	1187.15 *	1104.97 *	1012.52 *	915.67 *	813.86 *
37.5	1580.12 *	1549.51 *	1506.72 *	1449.87 *	1391.16 *	1320.25 *	1228.88 *	1127.22 *	1007.94 *	893.87 *
33.0	1752.00 *	1717.67 *	1670.13 *	1601.90 *	1527.02 *	1436.43 *	1338.31 *	1222.50 *	1091.61 *	961.86 *
29.0	1900.70 *	1855.09 *	1799.40 *	1738.90 *	1658.36 *	1554.91 *	1431.26 *	1304.85 *	1160.92 *	1016.36 *
25.5	2015.80 *	1961.66 *	1893.16 *	1818.53 *	1748.81 *	1646.54 *	1511.53 *	1369.36 *	1214.38 *	1061.24 *

IES FLOOD REPORT
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CANDELA TABULATION - (Cont.)

22.5	2043.79 *	2012.18 *	1967.45 *	1881.51 *	1803.34 *	1715.67 *	1577.52 *	1422.56 *	1257.73 *	1095.16 *
19.5	1991.41 *	1967.84 *	1963.23 *	1943.20 *	1854.64 *	1759.10 *	1633.71 *	1470.82 *	1292.88 *	1125.04 *
17.0	1954.95 *	1926.76 *	1958.63 *	1958.43 *	1896.35 *	1788.61 *	1670.51 *	1505.22 *	1320.11 *	1146.72 *
15.0	1966.13 *	1962.96 *	1969.90 *	1967.08 *	1920.55 *	1811.83 *	1696.33 *	1531.51 *	1339.08 *	1161.63 *
13.0	2026.01 *	2018.13 *	2004.84 *	1986.95 *	1934.71 *	1837.59 *	1725.09 *	1556.62 *	1358.44 *	1174.37 *
11.0	2082.54 *	2076.18 *	2056.32 *	2017.83 *	1960.74 *	1887.41 *	1752.57 *	1578.58 *	1369.63 *	1184.69 *
9.0	2149.93 *	2130.09 *	2110.87 *	2072.91 *	2032.83 *	1939.96 *	1782.78 *	1597.22 *	1381.32 *	1192.84 *
7.0	2226.07 *	2195.45 *	2188.25 *	2151.51 *	2103.83 *	1994.95 *	1807.33 *	1615.38 *	1390.19 *	1198.77 *
5.0	2322.07 *	2301.53 *	2277.80 *	2229.30 *	2173.60 *	2050.80 *	1833.54 *	1625.36 *	1396.32 *	1202.47 *
3.0	2422.68 *	2404.97 *	2368.49 *	2303.93 *	2240.69 *	2105.28 *	1857.03 *	1634.19 *	1399.31 *	1203.91 *
1.0	2521.80 *	2503.97 *	2458.13 *	2376.15 *	2304.76 *	2156.34 *	1877.08 *	1639.02 *	1399.06 *	1203.08 *
0.0	2570.36 *	2550.88 *	2501.89 *	2410.74 *	2335.48 *	2177.41 *	1883.87 *	1639.80 *	1397.69 *	1201.81 *
-1.0	2560.40 *	2542.14 *	2494.48 *	2406.59 *	2331.05 *	2174.56 *	1884.34 *	1638.92 *	1396.77 *	1200.68 *
-3.0	2539.38 *	2520.75 *	2476.60 *	2394.60 *	2319.49 *	2158.64 *	1877.97 *	1633.67 *	1392.42 *	1196.70 *
-5.0	2518.59 *	2497.68 *	2454.94 *	2378.36 *	2304.71 *	2135.80 *	1866.01 *	1623.70 *	1384.78 *	1190.40 *
-7.0	2475.00 *	2471.96 *	2430.16 *	2355.26 *	2285.43 *	2105.91 *	1847.79 *	1611.75 *	1373.95 *	1181.78 *
-9.0	2388.90 *	2392.60 *	2388.74 *	2327.99 *	2262.80 *	2070.06 *	1827.77 *	1589.95 *	1359.85 *	1170.53 *
-11.0	2298.03 *	2304.60 *	2309.23 *	2279.91 *	2225.25 *	2029.12 *	1793.79 *	1566.33 *	1342.42 *	1156.44 *
-13.0	2204.89 *	2222.67 *	2231.25 *	2213.18 *	2151.99 *	1982.76 *	1758.99 *	1538.51 *	1325.22 *	1139.60 *
-15.0	2122.85 *	2150.93 *	2156.78 *	2144.66 *	2074.68 *	1925.22 *	1721.16 *	1506.42 *	1299.28 *	1120.52 *
-17.0	2066.87 *	2081.43 *	2084.09 *	2070.83 *	2005.42 *	1869.64 *	1683.99 *	1473.40 *	1274.13 *	1099.52 *
-19.5	2006.50 *	2006.66 *	1997.45 *	1989.83 *	1927.70 *	1805.89 *	1638.38 *	1433.05 *	1241.37 *	1070.31 *
-22.5	1962.21 *	1958.60 *	1944.19 *	1908.85 *	1845.92 *	1742.42 *	1580.98 *	1392.61 *	1201.04 *	1032.71 *
-25.5	1951.51 *	1933.15 *	1896.82 *	1840.83 *	1776.95 *	1674.16 *	1521.70 *	1344.93 *	1162.30 *	994.29 *
-29.0	1887.58 *	1856.13 *	1813.46 *	1765.47 *	1701.90 *	1594.93 *	1447.69 *	1289.54 *	1112.33 *	954.37 *
-33.0	1768.26 *	1742.78 *	1705.67 *	1648.09 *	1580.30 *	1487.89 *	1359.14 *	1210.89 *	1053.08 *	909.13 *
-37.5	1617.24 *	1587.76 *	1545.28 *	1489.45 *	1430.45 *	1357.04 *	1248.19 *	1120.07 *	980.99 *	847.01 *
-42.5	1422.15 *	1398.40 *	1364.91 *	1321.12 *	1265.36 *	1201.49 *	1122.24 *	1013.51 *	893.86 *	767.17 *
-47.5	1239.45 *	1218.63 *	1190.80 *	1152.90 *	1110.08 *	1055.06 *	985.36 *	899.64 *	791.73 *	690.57 *
-55.0	992.47 *	976.25 *	954.34 *	924.35 *	889.98 *	845.82 *	794.00 *	736.39 *	675.26 *	583.39 *
-65.0	704.61 *	700.04 *	692.88 *	675.19 *	650.39 *	618.50 *	576.39 *	523.61 *	463.82 *	408.51 *
-75.0	424.59 *	423.96 *	421.50 *	413.62 *	393.78 *	369.75 *	342.84 *	311.97 *	278.37 *	252.97 *
-85.0	198.14 *	195.44 *	191.89 *	187.41 *	181.94 *	175.51 *	168.00 *	159.99 *	149.14 *	141.72 *
-90.0	65.59 *	65.54 *	65.48 *	65.41 *	65.43 *	65.45 *	65.47 *	65.49 *	65.51 *	65.20 *

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	55.55	54.41	55.80	58.02	59.12
85.0	126.59	105.14	89.61	71.11	59.15
75.0	229.73	173.88	139.98	94.68	59.20
65.0	370.70 *	244.63	177.69	112.79	59.25
55.0	521.81 *	337.65 *	213.38	128.82	59.30
47.5	620.84 *	415.76 *	238.94	139.83	59.33
42.5	695.75 *	458.15 *	255.06	146.58	59.35
37.5	744.46 *	492.80 *	270.83	153.55	59.37
33.0	778.27 *	520.11 *	284.25	156.56	59.38
29.0	810.74 *	542.94 *	294.84 *	159.37	59.40
25.5	839.69 *	560.84 *	303.33 *	161.57	59.40
22.5	862.72 *	574.32 *	309.41 *	163.28	59.41
19.5	883.88 *	584.50 *	314.70 *	164.80	59.42
17.0	898.76 *	591.38 *	318.54 *	165.92	59.42
15.0	908.82 *	595.48 *	321.03 *	166.73	59.42
13.0	918.12 *	598.41 *	323.01 *	167.46	59.43
11.0	924.29 *	600.31 *	324.50 *	169.38	59.43
9.0	929.67 *	601.18 *	325.52 *	169.52	59.43

IES FLOOD REPORT
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CANDELA TABULATION - (Cont.)

7.0	933.52 *	601.02 *	326.06 *	169.65	59.43
5.0	935.81 *	599.85 *	327.42 *	169.79	59.43
3.0	938.34 *	598.76 *	326.27 *	169.92	59.43
1.0	935.81 *	594.58 *	325.12 *	170.13	59.44
0.0	934.54 *	592.49 *	324.54 *	170.13	59.44
-1.0	933.76 *	592.06 *	324.48 *	170.14	59.44
-3.0	932.20 *	591.20 *	324.36 *	170.16	59.43
-5.0	925.57 *	587.24 *	324.24 *	170.18	59.43
-7.0	919.20 *	583.39 *	321.78 *	170.21	59.43
-9.0	911.26 *	578.54 *	320.15 *	170.23	59.43
-11.0	901.80 *	572.68 *	318.17 *	170.25	59.43
-13.0	891.58 *	565.82 *	315.83 *	168.50	59.43
-15.0	878.20 *	557.95 *	313.15 *	167.94	59.43
-17.0	864.10 *	549.38 *	310.14 *	167.29	59.42
-19.5	844.09 *	537.60 *	305.91 *	166.37	59.42
-22.5	816.66 *	522.12 *	300.55 *	165.10	59.41
-25.5	787.01 *	504.29 *	294.85 *	163.65	59.41
-29.0	747.12 *	481.92 *	287.48 *	161.74	59.40
-33.0	699.98 *	454.33 *	278.58	159.28	59.39
-37.5	645.25 *	422.26 *	267.83	156.66	59.37
-42.5	587.31 *	385.30 *	255.50	149.86	59.35
-47.5	529.40 *	350.34 *	242.40	143.22	59.33
-55.0	434.82 *	303.18 *	221.25	132.25	59.30
-65.0	327.50 *	249.48	189.67	116.03	59.25
-75.0	224.42	191.05	154.41	98.27	59.20
-85.0	133.57	119.55	100.70	73.82	59.15
-90.0	64.25	62.97	61.47	59.90	59.12

IES FLOOD REPORT
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LUMEN TABULATION

Average Of Right And Left Sides
 Total Luminaire Lumens (one side of beam only) = 3022.44
 Total Field Lumens (one side of beam only) = 2902.12
 * 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	0.16	0.32	0.32	0.33	0.33	0.33	0.34	0.34	0.34	0.42
85	0.84	1.68	1.69	1.68	1.67	1.66	1.64	1.62	1.60	1.96
75	1.53 *	3.07 *	3.08 *	3.08 *	3.07 *	3.05 *	3.02 *	2.99 *	2.94 *	3.61 *
65	2.50 *	5.01 *	5.01 *	4.98 *	4.95 *	4.90 *	4.84 *	4.76 *	4.67 *	5.69 *
55	2.58 *	5.17 *	5.15 *	5.11 *	5.07 *	5.00 *	4.93 *	4.84 *	4.73 *	5.74 *
47.5	2.05 *	4.11 *	4.09 *	4.07 *	4.03 *	3.98 *	3.92 *	3.85 *	3.76 *	4.55 *
42.5	2.36 *	4.72 *	4.69 *	4.66 *	4.61 *	4.54 *	4.46 *	4.37 *	4.26 *	5.15 *
37.5	2.44 *	4.86 *	4.82 *	4.77 *	4.70 *	4.61 *	4.51 *	4.41 *	4.28 *	5.17 *
33	2.44 *	4.85 *	4.78 *	4.71 *	4.62 *	4.52 *	4.41 *	4.29 *	4.16 *	5.02 *
29	2.31 *	4.56 *	4.48 *	4.40 *	4.31 *	4.21 *	4.11 *	4.00 *	3.88 *	4.67 *
25.5	2.02 *	3.99 *	3.91 *	3.83 *	3.75 *	3.67 *	3.60 *	3.52 *	3.44 *	4.15 *
22.5	1.98 *	3.90 *	3.84 *	3.77 *	3.70 *	3.65 *	3.59 *	3.53 *	3.46 *	4.21 *
19.5	1.54 *	3.07 *	3.05 *	3.03 *	3.02 *	3.01 *	2.99 *	2.94 *	2.88 *	3.54 *
17	1.16 *	2.34 *	2.35 *	2.36 *	2.38 *	2.40 *	2.40 *	2.37 *	2.33 *	2.88 *
15	1.16 *	2.35 *	2.36 *	2.39 *	2.42 *	2.43 *	2.43 *	2.41 *	2.39 *	2.96 *
13	1.21 *	2.44 *	2.45 *	2.47 *	2.50 *	2.51 *	2.50 *	2.48 *	2.47 *	3.04 *
11	1.27 *	2.57 *	2.58 *	2.59 *	2.60 *	2.61 *	2.60 *	2.57 *	2.55 *	3.14 *
9	1.34 *	2.72 *	2.72 *	2.70 *	2.70 *	2.71 *	2.70 *	2.67 *	2.63 *	3.23 *
7	1.47 *	2.94 *	2.89 *	2.82 *	2.79 *	2.79 *	2.78 *	2.76 *	2.72 *	3.32 *
5	1.62 *	3.20 *	3.11 *	2.99 *	2.91 *	2.88 *	2.87 *	2.85 *	2.81 *	3.42 *
3	1.71 *	3.38 *	3.29 *	3.17 *	3.06 *	3.00 *	2.97 *	2.94 *	2.89 *	3.51 *
1	0.87 *	1.73 *	1.69 *	1.64 *	1.58 *	1.55 *	1.52 *	1.50 *	1.47 *	1.79 *
0	0.87 *	1.73 *	1.69 *	1.64 *	1.59 *	1.55 *	1.52 *	1.50 *	1.47 *	1.79 *
-1	1.73 *	3.42 *	3.33 *	3.20 *	3.08 *	3.02 *	2.98 *	2.94 *	2.89 *	3.53 *
-3	1.69 *	3.32 *	3.18 *	3.04 *	2.95 *	2.92 *	2.89 *	2.86 *	2.82 *	3.44 *

IES FLOOD REPORT
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LUMENS TABULATION - (Cont.)

-5	1.60 *	3.15 *	3.00 *	2.87 *	2.83 *	2.82 *	2.80 *	2.79 *	2.75 *	3.36 *
-7	1.49 *	2.92 *	2.81 *	2.74 *	2.73 *	2.73 *	2.73 *	2.71 *	2.67 *	3.27 *
-9	1.37 *	2.70 *	2.65 *	2.64 *	2.65 *	2.65 *	2.65 *	2.62 *	2.59 *	3.17 *
-11	1.24 *	2.50 *	2.52 *	2.54 *	2.56 *	2.57 *	2.55 *	2.53 *	2.50 *	3.08 *
-13	1.16 *	2.36 *	2.41 *	2.45 *	2.47 *	2.48 *	2.47 *	2.44 *	2.43 *	3.00 *
-15	1.14 *	2.32 *	2.36 *	2.39 *	2.41 *	2.42 *	2.42 *	2.39 *	2.37 *	2.93 *
-17	1.48 *	2.97 *	2.99 *	3.00 *	3.00 *	3.01 *	2.99 *	2.96 *	2.92 *	3.60 *
-19.5	1.92 *	3.81 *	3.76 *	3.71 *	3.65 *	3.62 *	3.59 *	3.55 *	3.49 *	4.29 *
-22.5	2.03 *	3.99 *	3.91 *	3.81 *	3.72 *	3.65 *	3.60 *	3.55 *	3.48 *	4.24 *
-25.5	2.36 *	4.65 *	4.56 *	4.45 *	4.34 *	4.23 *	4.14 *	4.05 *	3.95 *	4.77 *
-29	2.53 *	5.01 *	4.92 *	4.83 *	4.72 *	4.60 *	4.48 *	4.37 *	4.26 *	5.14 *
-33	2.53 *	5.04 *	4.99 *	4.92 *	4.85 *	4.75 *	4.65 *	4.53 *	4.41 *	5.33 *
-37.5	2.48 *	4.94 *	4.90 *	4.86 *	4.79 *	4.71 *	4.62 *	4.52 *	4.40 *	5.31 *
-42.5	2.16 *	4.31 *	4.28 *	4.25 *	4.20 *	4.13 *	4.06 *	3.98 *	3.88 *	4.69 *
-47.5	2.73 *	5.45 *	5.42 *	5.37 *	5.31 *	5.24 *	5.15 *	5.04 *	4.93 *	5.97 *
-55	2.71 *	5.41 *	5.38 *	5.34 *	5.29 *	5.22 *	5.14 *	5.04 *	4.93 *	5.99 *
-65	1.69 *	3.38 *	3.38 *	3.37 *	3.34 *	3.31 *	3.28 *	3.23 *	3.17 *	3.87 *
-75	0.94 *	1.87 *	1.87 *	1.87 *	1.85 *	1.84 *	1.82 *	1.79 *	1.76 *	2.16 *
-85	0.21	0.42	0.42	0.41	0.41	0.40	0.40	0.39	0.38	0.46
-90										
Total	74.63	148.64	147.13	145.23	143.51	141.89	140.05	137.80	135.12	164.55

Vert. Horizontal Angles

Angles	19.5	22.5	25.5	29	33	37.5	42.5	47.5	55	65
90	0.51	0.49	0.55	0.58	0.60	0.60	0.52	0.66	0.64	0.39
85	2.28	2.19	2.42	2.57	2.63	2.57	2.19	2.60	2.34	1.31
75	4.19 *	4.00 *	4.39 *	4.63 *	4.70 *	4.61 *	3.89 *	4.40 *	3.64	1.88
65	6.56 *	6.20 *	6.75 *	7.06 *	7.13 *	6.96 *	5.80 *	6.42 *	5.08 *	2.40
55	6.58 *	6.20 *	6.72 *	6.98 *	6.96 *	6.65 *	5.49 *	6.12 *	4.81 *	2.17 *
47.5	5.21 *	4.91 *	5.31 *	5.49 *	5.43 *	5.10 *	4.19 *	4.69 *	3.69 *	1.62 *

IES FLOOD REPORT
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LUMENS TABULATION - (Cont.)

42.5											
	5.89 *	5.54 *	6.00 *	6.19 *	6.08 *	5.68 *	4.62 *	5.15 *	4.05 *	1.75 *	
37.5											
	5.90 *	5.54 *	5.99 *	6.15 *	6.01 *	5.58 *	4.52 *	5.01 *	3.92 *	1.68 *	
33											
	5.73 *	5.38 *	5.78 *	5.90 *	5.74 *	5.31 *	4.28 *	4.73 *	3.69 *	1.58 *	
29											
	5.33 *	5.01 *	5.38 *	5.48 *	5.30 *	4.89 *	3.93 *	4.34 *	3.38 *	1.44 *	
25.5											
	4.75 *	4.47 *	4.81 *	4.91 *	4.74 *	4.35 *	3.50 *	3.87 *	3.01 *	1.27 *	
22.5											
	4.88 *	4.62 *	4.98 *	5.08 *	4.90 *	4.49 *	3.61 *	3.99 *	3.10 *	1.30 *	
19.5											
	4.15 *	3.96 *	4.27 *	4.35 *	4.20 *	3.85 *	3.09 *	3.41 *	2.64 *	1.10 *	
17											
	3.39 *	3.24 *	3.50 *	3.55 *	3.43 *	3.15 *	2.53 *	2.78 *	2.15 *	0.89 *	
15											
	3.46 *	3.31 *	3.57 *	3.62 *	3.50 *	3.21 *	2.57 *	2.82 *	2.18 *	0.90 *	
13											
	3.55 *	3.38 *	3.65 *	3.70 *	3.57 *	3.26 *	2.61 *	2.86 *	2.20 *	0.91 *	
11											
	3.65 *	3.47 *	3.74 *	3.78 *	3.63 *	3.31 *	2.64 *	2.89 *	2.22 *	0.92 *	
9											
	3.75 *	3.56 *	3.83 *	3.86 *	3.68 *	3.35 *	2.66 *	2.91 *	2.23 *	0.92 *	
7											
	3.85 *	3.65 *	3.92 *	3.92 *	3.73 *	3.38 *	2.68 *	2.93 *	2.24 *	0.92 *	
5											
	3.95 *	3.74 *	4.00 *	3.98 *	3.76 *	3.41 *	2.70 *	2.95 *	2.25 *	0.93 *	
3											
	4.04 *	3.81 *	4.07 *	4.04 *	3.79 *	3.42 *	2.71 *	2.96 *	2.26 *	0.93 *	
1											
	2.05 *	1.93 *	2.06 *	2.03 *	1.90 *	1.71 *	1.36 *	1.48 *	1.13 *	0.46 *	
0											
	2.06 *	1.93 *	2.06 *	2.03 *	1.90 *	1.72 *	1.36 *	1.48 *	1.13 *	0.46 *	
-1											
	4.05 *	3.82 *	4.08 *	4.04 *	3.80 *	3.43 *	2.71 *	2.96 *	2.26 *	0.93 *	
-3											
	3.97 *	3.75 *	4.01 *	4.00 *	3.78 *	3.42 *	2.71 *	2.96 *	2.26 *	0.93 *	
-5											
	3.88 *	3.67 *	3.94 *	3.95 *	3.75 *	3.41 *	2.70 *	2.95 *	2.25 *	0.93 *	
-7											
	3.78 *	3.59 *	3.86 *	3.89 *	3.72 *	3.38 *	2.69 *	2.93 *	2.24 *	0.92 *	
-9											
	3.69 *	3.51 *	3.77 *	3.82 *	3.67 *	3.35 *	2.67 *	2.91 *	2.23 *	0.92 *	
-11											
	3.60 *	3.43 *	3.69 *	3.75 *	3.62 *	3.31 *	2.64 *	2.89 *	2.21 *	0.91 *	
-13											
	3.51 *	3.36 *	3.62 *	3.68 *	3.56 *	3.27 *	2.61 *	2.86 *	2.19 *	0.91 *	
-15											
	3.44 *	3.30 *	3.56 *	3.62 *	3.50 *	3.22 *	2.57 *	2.82 *	2.17 *	0.90 *	
-17											
	4.23 *	4.04 *	4.35 *	4.44 *	4.29 *	3.94 *	3.15 *	3.46 *	2.67 *	1.11 *	
-19.5											
	4.99 *	4.73 *	5.09 *	5.19 *	5.02 *	4.61 *	3.69 *	4.05 *	3.14 *	1.31 *	
-22.5											
	4.87 *	4.58 *	4.93 *	5.03 *	4.87 *	4.47 *	3.58 *	3.93 *	3.05 *	1.28 *	

IES FLOOD REPORT
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LUMENS TABULATION - (Cont.)

-25.5	5.46 *	5.14 *	5.53 *	5.64 *	5.46 *	5.02 *	4.02 *	4.43 *	3.44 *	1.45 *
-29	5.88 *	5.54 *	5.96 *	6.09 *	5.91 *	5.46 *	4.38 *	4.84 *	3.77 *	1.60 *
-33	6.09 *	5.72 *	6.17 *	6.34 *	6.19 *	5.74 *	4.64 *	5.15 *	4.03 *	1.71 *
-37.5	6.07 *	5.72 *	6.18 *	6.39 *	6.27 *	5.85 *	4.75 *	5.30 *	4.15 *	1.78 *
-42.5	5.38 *	5.07 *	5.49 *	5.69 *	5.61 *	5.26 *	4.30 *	4.82 *	3.77 *	1.65 *
-47.5	6.84 *	6.44 *	6.98 *	7.23 *	7.17 *	6.82 *	5.65 *	6.32 *	4.93 *	2.21
-55	6.89 *	6.51 *	7.07 *	7.38 *	7.42 *	7.20 *	6.01 *	6.67 *	5.25 *	2.48
-65	4.49 *	4.27 *	4.68 *	4.93 *	5.00 *	4.86 *	4.07 *	4.59 *	3.81	1.97
-75	2.51 *	2.40 *	2.64	2.79	2.83	2.75	2.33	2.77	2.50	1.40
-85	0.53	0.51	0.57	0.62	0.64	0.65	0.57	0.72	0.69	0.42
-90										
Total	189.82	179.64	193.91	198.40	193.39	180.00	145.90	161.79	127.02	55.86

Vert. Angles	Horizontal Angles			Total
	75	85	90	
90	0.18	0.02		8.96
85	0.51	0.05		39.71
75	0.69	0.05		70.50
65	0.82	0.06		108.57
55	0.70	0.05		107.75
47.5	0.50	0.03		84.58
42.5	0.53	0.03		95.33
37.5	0.50	0.03		95.40
33	0.45	0.03		92.40
29	0.41	0.03		85.83
25.5	0.36	0.02		75.92
22.5	0.36	0.02		76.96
19.5	0.30	0.02		64.42
17	0.25	0.01		51.84
15	0.25	0.01		52.70

IES FLOOD REPORT
PHOTOMETRIC FILENAME : PTR53W6800LMV50KBZ.IES

LUMENS TABULATION - (Cont.)

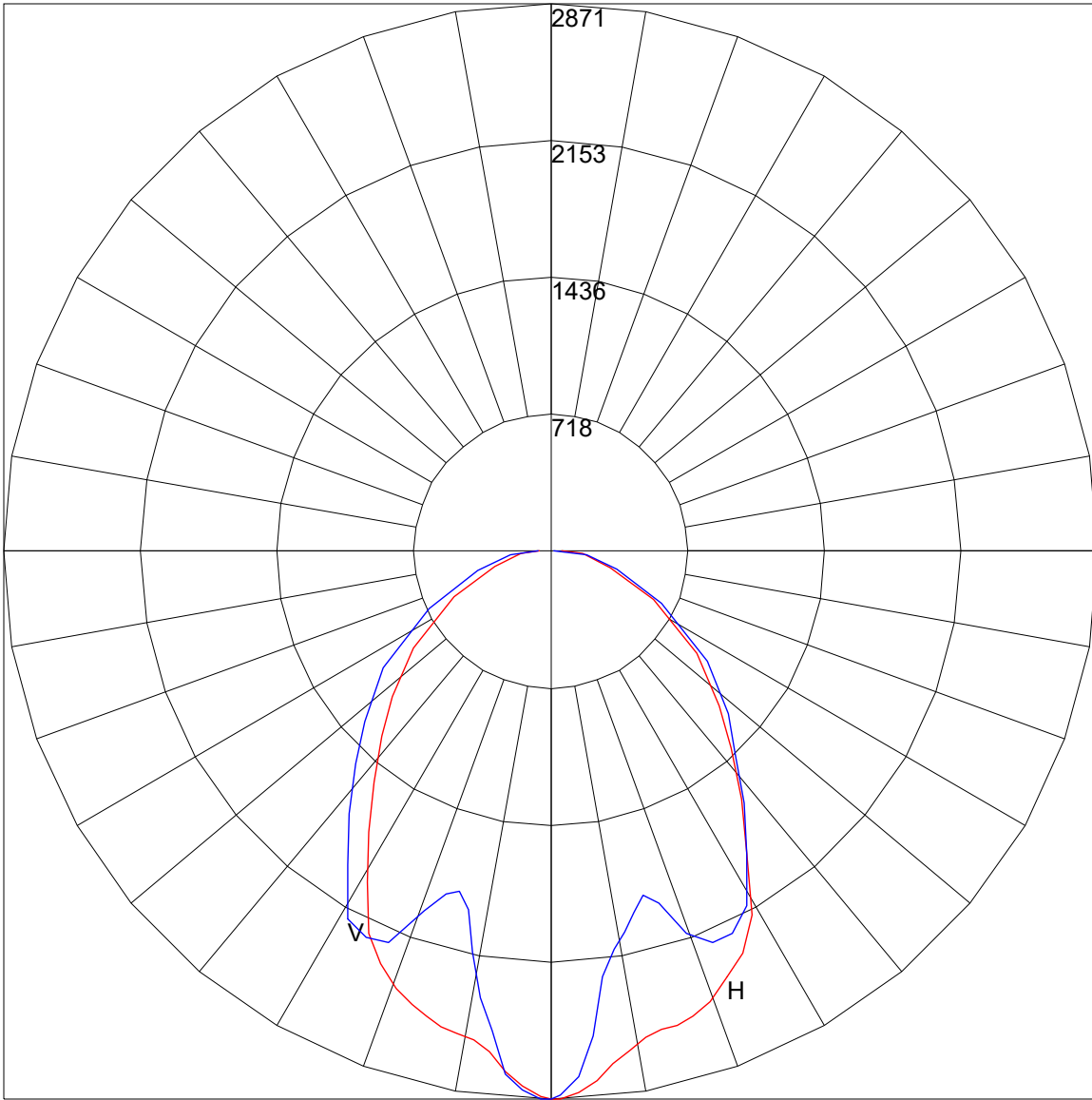
13			
	0.25	0.01	54.02
11			
	0.25	0.01	55.58
9			
	0.25	0.01	57.15
7			
	0.25	0.01	58.81
5			
	0.25	0.01	60.59
3			
	0.25	0.01	62.21
1			
	0.13	0.01	31.60
0			
	0.13	0.01	31.63
-1			
	0.25	0.01	62.49
-3			
	0.25	0.01	61.19
-5			
	0.25	0.01	59.67
-7			
	0.25	0.01	58.08
-9			
	0.25	0.01	56.48
-11			
	0.25	0.01	54.91
-13			
	0.25	0.01	53.50
-15			
	0.25	0.01	52.50
-17			
	0.31	0.02	64.95
-19.5			
	0.36	0.02	77.61
-22.5			
	0.36	0.02	76.96
-25.5			
	0.41	0.03	87.52
-29			
	0.46	0.03	94.79
-33			
	0.50	0.03	98.32
-37.5			
	0.53	0.03	98.57
-42.5			
	0.51	0.03	87.50
-47.5			
	0.71	0.05	111.98
-55			
	0.84	0.06	114.23
-65			
	0.71	0.05	75.45
-75			
	0.54	0.05	43.26

IES FLOOD REPORT
PHOTOMETRIC FILENAME : PTR53W6800LMV50KBZ.IES

LUMENS TABULATION - (Cont.)

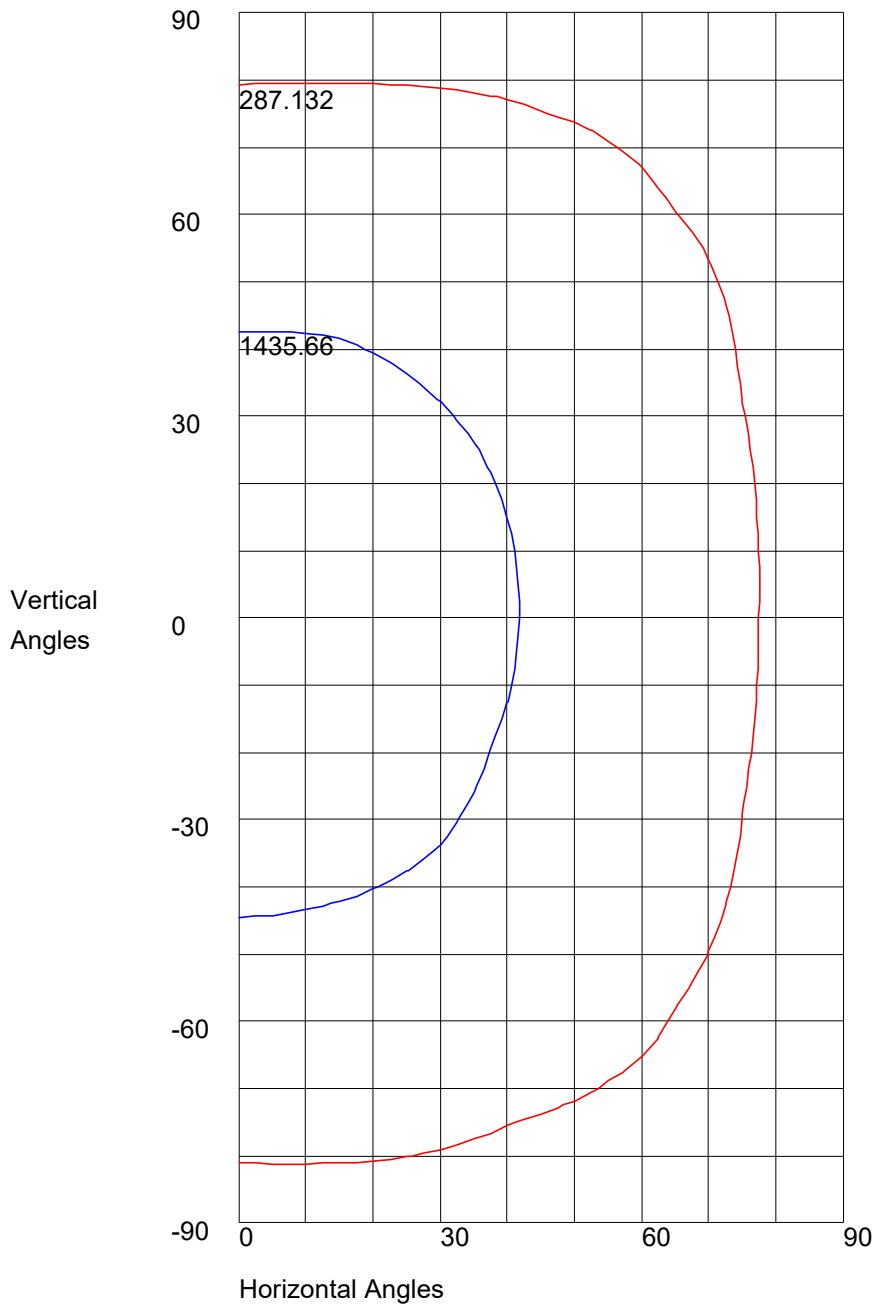
-85	0.19	0.02	10.04
-90			
Total	17.00	1.14	3022.44

AXIAL CANDELA DISPLAY



Maximum Candela = 2871.32 Located At Horizontal Angle = 0, Vertical Angle = -1
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 2871.32 Located At Horizontal Angle = 0, Vertical Angle = -1
50% Maximum Candela = 1435.66
10% Maximum Candela = 287.132