



IES FLOOD REPORT

PHOTOMETRIC FILENAME : MIMDWPKSR-LED45DMVBZ50.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB] Dongguan New Testing Centre Co., Ltd

[TESTDATE] 02 May 2017

[ISSUE DATE] 2017-05-12 16:49:49

[NEARFIELD]

[LAMPPOSITION] 0,0

[OTHER] EVERFINE GO-R5000_V2 SYSTEM

[MANUFAC] MOBERN LIGHTING CO.

[LUMCAT] MIMDWPKSR-LED45DMVBZ50

[BALLAST] 120-277V,60Hz

[OTHER]

[OTHER] Gamma(deg)	Fz(lm)	Ft(lm)	%Lum	%Lamp
[OTHER] 0- 10	102.37	102.37	2.01	2.01
[OTHER] 10- 20	276.99	379.35	7.46	7.46
[OTHER] 20- 30	415.61	794.96	15.62	15.62
[OTHER] 30- 40	524.68	1319.65	25.93	25.93
[OTHER] 40- 50	624.39	1944.03	38.21	38.21
[OTHER] 50- 60	700.26	2644.30	51.97	51.97
[OTHER] 60- 70	695.95	3340.24	65.64	65.64
[OTHER] 70- 80	588.92	3929.17	77.22	77.22
[OTHER] 80- 90	449.80	4378.97	86.06	86.06
[OTHER] 90-100	266.25	4645.22	91.29	91.29
[OTHER] 100-110	101.78	4747.00	93.29	93.29
[OTHER] 110-120	96.02	4843.02	95.18	95.18
[OTHER] 120-130	99.19	4942.21	97.13	97.13
[OTHER] 130-140	77.20	5019.42	98.64	98.64
[OTHER] 140-150	46.96	5066.38	99.57	99.57
[OTHER] 150-160	18.49	5084.87	99.93	99.93
[OTHER] 160-170	3.12	5087.99	99.99	99.99
[OTHER] 170-180	0.37	5088.36	100.00	100.00
[OTHER]				

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

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CHARACTERISTICS

NEMA Type	7 H x 5 V
Maximum Candela	1945.85
Maximum Candela Angle	0H 55V
Horizontal Beam Angle (50%)	114.5
Vertical Beam Angle (50%)	6.8
Horizontal Field Angle (10%)	164.9
Vertical Field Angle (10%)	79.6
Lumens Per Lamp	5088.4 (1 lamp)
Total Lamp Lumens	5088.4
Beam Lumens	3094
Beam Efficiency	61 %
Field Lumens	4194
Field Efficiency	82 %
Spill Lumens	169
Luminaire Lumens	4363
Total Efficiency	86 %
Total Luminaire Watts	44.6
Ballast Factor	0.96

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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	73.956	90	1107.953
85	81.36	85	1353.66
75	146.88	75	1573.85
65	287.89	65	1895.1
55	465.09	55	1945.85
47.5	584.14	47.5	1840.72
42.5	664.18	42.5	1740.54
37.5	743.51	37.5	1605.76
33	794.65	33	1606.91
29	841.72	29	1600.62
25.5	880.355	25.5	1570.83
22.5	904.21	22.5	1592
19.5	941.67	19.5	1509.46
17	971.57	17	1494.27
15	993.82	15	1496.43
13	1004.52	13	1430.37
11	1035.53	11	1363.14
9	1044.41	9	1357.68
7	1083.6	7	1318.86
5	1107.95	5	1251.75
3	1115.13	3	1202.78
1	1121.22	1	1148.15
0	1118.789	0	1118.789
-1	1124.46	-1	1088.09
-3	1130.04	-3	988.83
-5	1115.72	-5	911.48
-7	1095.69	-7	820.25
-9	1081.84	-9	736.93
-11	1056.45	-11	662.6
-13	1032.43	-13	593.04
-15	1016.96	-15	530.24
-17	985.86	-17	476.9
-19.5	972.285	-19.5	428.665
-22.5	940.45	-22.5	380.925
-25.5	913.425	-25.5	336.405
-29	886.83	-29	287.33
-33	850.33	-33	245.36
-37.5	806.665	-37.5	209.735
-42.5	745.39	-42.5	176.95
-47.5	678.925	-47.5	151.485
-55	563.09	-55	129.83
-65	393.26	-65	93.95
-75	212.9	-75	34.28
-85	107.18	-85	3.43
-90	80.498	-90	3.859

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CANDELA TABULATION

Maximum Candela = 1945.85
 Beam Edge = 972.925 Cd (50% of Max.)
 Field Edge = 194.585 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	80.567	134.006	241.132 *	415.625 *	565.551 *	659.555 *	718.342 *	773.253 *	822.678 *	867.650 *
85.0	80.570	138.364	272.587 *	470.917 *	649.846 *	759.407 *	830.149 *	909.636 *	983.028 *	1049.022 *
75.0	80.573	145.882	332.950 *	573.999 *	805.021 *	938.956 *	1000.788 *	1081.959 *	1160.448 *	1233.545 *
65.0	80.573	151.300	384.566 *	676.587 *	916.082 *	1114.183 *	1233.744 *	1316.516 *	1399.488 *	1459.066 *
55.0	80.569	153.047	418.394 *	745.238 *	1067.949 *	1199.311 *	1341.538 *	1428.441 *	1488.790 *	1556.073 *
47.5	80.564	153.218	433.513 *	784.495 *	1054.879 *	1241.845 *	1304.787 *	1391.895 *	1440.916 *	1484.741 *
42.5	80.560	152.252	432.772 *	795.116 *	1069.994 *	1176.691 *	1288.983 *	1355.921 *	1403.109 *	1447.199 *
37.5	80.555	150.592	435.656 *	780.129 *	1035.728 *	1175.774 *	1271.952 *	1305.935 *	1351.881 *	1382.727 *
33.0	80.550	147.226	423.425 *	764.601 *	1004.053 *	1159.127 *	1215.486 *	1261.078 *	1301.302 *	1315.546 *
29.0	80.545	143.957	406.744 *	728.244 *	985.486 *	1124.312 *	1166.063 *	1233.097 *	1274.813 *	1275.134 *
25.5	80.540	140.662	388.593 *	693.037 *	960.069 *	1086.279 *	1139.828 *	1220.607 *	1243.722 *	1257.287 *
22.5	80.536	137.534	371.610 *	662.288 *	937.138 *	1054.906 *	1115.027 *	1189.378 *	1217.002 *	1240.924 *
19.5	80.531	134.145	353.431 *	630.727 *	883.147 *	1027.133 *	1081.476 *	1148.968 *	1174.585 *	1221.419 *
17.0	80.527	131.134	337.524 *	603.414 *	841.707 *	1007.696 *	1055.298 *	1113.877 *	1148.714 *	1203.646 *
15.0	80.524	128.612	324.313 *	581.011 *	810.382 *	972.272 *	1029.569 *	1086.881 *	1128.524 *	1183.098 *
13.0	80.521	125.995	310.684 *	558.249 *	779.021 *	935.589 *	993.433 *	1063.332 *	1109.429 *	1152.259 *
11.0	80.517	123.995	296.651 *	534.756 *	747.746 *	897.544 *	956.458 *	1033.776 *	1090.120 *	1116.273 *
9.0	80.514	120.966	282.229 *	510.549 *	716.000 *	859.285 *	919.601 *	994.431 *	1059.416 *	1080.397 *
7.0	80.510	117.920	267.430 *	485.644 *	683.466 *	820.313 *	882.324 *	954.867 *	1012.703 *	1037.036 *
5.0	80.507	114.861	253.206 *	460.060 *	650.122 *	780.537 *	844.717 *	913.234 *	966.453 *	992.542 *
3.0	80.503	111.793	237.106 *	434.482 *	616.873 *	740.316 *	805.876 *	871.223 *	920.321 *	949.878 *
1.0	80.499	108.718	220.973 *	407.009 *	581.032 *	699.547 *	765.841 *	828.405 *	873.962 *	908.024 *
0.0	80.498	107.180	212.900 *	393.260 *	563.090 *	678.925 *	745.390 *	806.665 *	850.330 *	886.830 *
-1.0	80.498	107.180	211.516 *	387.330 *	551.244 *	662.183 *	725.219 *	782.763 *	823.627 *	857.456 *
-3.0	80.498	106.917	208.749 *	375.479 *	527.580 *	628.213 *	684.188 *	734.393 *	768.966 *	797.379 *
-5.0	80.497	106.742	205.989 *	361.929 *	501.437 *	593.670 *	642.498 *	685.509 *	713.299 *	736.234 *
-7.0	80.497	106.568	201.546 *	348.626 *	475.670 *	558.640 *	600.453 *	636.921 *	656.444 *	673.818 *
-9.0	80.497	106.394	197.785 *	335.006 *	449.454 *	522.945 *	557.626 *	585.871 *	599.503 *	613.527 *
-11.0	80.497	106.221	193.845	321.150 *	422.906 *	486.837 *	514.356 *	535.271 *	548.648 *	564.822 *
-13.0	80.497	105.247	189.754	307.136 *	396.474 *	450.737 *	472.036 *	494.579 *	509.277 *	519.155 *
-15.0	80.496	104.818	185.538	293.042 *	369.449 *	414.574 *	434.903 *	462.020 *	472.657 *	476.602 *
-17.0	80.496	104.356	181.223	279.184 *	342.741 *	378.649 *	409.192 *	430.524 *	437.913 *	435.402 *
-19.5	80.495	103.736	175.731	262.132 *	309.642 *	352.897 *	377.526 *	393.682 *	395.239 *	388.169 *
-22.5	80.495	102.932	169.328	242.128 *	270.030 *	322.578 *	342.682 *	351.552 *	348.626 *	353.829 *
-25.5	80.494	102.064	163.099	222.000 *	252.132 *	293.237 *	307.130 *	308.782 *	315.287 *	317.773 *
-29.0	80.493	100.977	155.849	199.717 *	233.715 *	262.019 *	267.612 *	275.126 *	280.723 *	278.763 *
-33.0	80.492	99.645	148.036	176.218	212.955 *	230.002 *	230.336 *	243.988 *	245.871 *	238.793 *
-37.5	80.490	98.247	139.553	158.467	191.148	200.600 *	206.433 *	213.452 *	214.398 *	213.194 *
-42.5	80.488	96.311	130.495	145.549	169.377	176.759	182.228	185.313	186.043	186.550
-47.5	80.485	94.463	122.647	133.883	149.331	154.907	157.532	158.839	160.432	160.378
-55.0	80.482	91.565	112.066	117.091	123.064	122.948	121.871	121.851	124.186	124.482
-65.0	80.476	87.605	99.133	94.820	89.498	83.980	79.435	79.170	79.461	79.891
-75.0	80.470	83.825	88.420	73.479	58.994	47.496	40.397	36.577	33.578	30.997
-85.0	80.463	80.497	79.904	59.209	40.487	28.024	20.857	15.082	9.733	5.825
-90.0	80.460	78.956	75.948	54.622	36.084	24.273	17.793	12.709	8.133	4.935

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CANDELA TABULATION - (Cont.)

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	<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	909.722	*945.782	*981.842	*1011.891	*1035.930	*1045.535	*1055.139	*1064.743	*1074.346	*1083.949
85.0	1102.132	*1146.174	*1189.000	*1223.865	*1251.997	*1265.311	*1281.562	*1294.669	*1307.777	*1320.886
75.0	1291.748	*1338.073	*1381.428	*1416.990	*1445.401	*1467.047	*1485.651	*1503.337	*1520.187	*1537.891
65.0	1513.118	*1562.495	*1611.936	*1653.782	*1688.044	*1719.111	*1744.349	*1770.666	*1797.792	*1825.452
55.0	1627.752	*1676.163	*1719.931	*1755.405	*1780.531	*1806.714	*1828.222	*1846.579	*1866.132	*1887.012
47.5	1541.767	*1596.456	*1633.493	*1661.269	*1685.690	*1716.830	*1753.615	*1769.110	*1782.038	*1797.170
42.5	1484.370	*1531.340	*1568.009	*1603.720	*1629.077	*1653.680	*1684.285	*1701.093	*1710.109	*1716.014
37.5	1416.742	*1423.964	*1414.696	*1440.285	*1471.112	*1498.764	*1520.622	*1541.580	*1549.578	*1564.775
33.0	1318.379	*1345.640	*1390.553	*1444.758	*1473.569	*1496.393	*1522.654	*1555.950	*1578.382	*1589.157
29.0	1311.566	*1364.115	*1393.019	*1391.883	*1400.471	*1440.246	*1474.390	*1504.771	*1526.800	*1544.260
25.5	1307.750	*1353.620	*1357.301	*1369.883	*1410.157	*1459.744	*1488.730	*1511.090	*1541.145	*1558.314
22.5	1296.264	*1319.593	*1307.701	*1360.134	*1415.189	*1451.900	*1472.087	*1505.003	*1543.001	*1564.769
19.5	1273.202	*1266.310	*1282.324	*1330.949	*1363.230	*1382.706	*1395.440	*1431.653	*1462.679	*1488.387
17.0	1246.089	*1233.568	*1259.412	*1306.080	*1339.048	*1358.202	*1385.089	*1427.198	*1457.134	*1474.492
15.0	1218.335	*1206.380	*1227.740	*1277.551	*1317.784	*1337.580	*1370.521	*1428.843	*1448.683	*1477.322
13.0	1167.584	*1168.820	*1191.952	*1246.025	*1277.254	*1283.581	*1309.404	*1354.253	*1388.728	*1405.467
11.0	1119.861	*1124.564	*1159.777	*1211.988	*1233.973	*1232.995	*1255.147	*1304.489	*1334.623	*1349.932
9.0	1079.601	*1092.504	*1132.153	*1173.343	*1194.964	*1213.229	*1239.768	*1291.708	*1311.432	*1339.777
7.0	1040.786	*1062.568	*1094.123	*1128.624	*1146.149	*1179.807	*1191.955	*1234.284	*1272.211	*1290.729
5.0	1003.192	*1031.843	*1052.444	*1079.451	*1091.605	*1122.421	*1143.517	*1173.881	*1211.441	*1227.837
3.0	967.127	*995.619	*1021.331	*1039.580	*1050.026	*1080.080	*1094.775	*1124.337	*1158.933	*1175.312
1.0	931.468	*959.003	*989.091	*1003.714	*1028.575	*1049.708	*1070.183	*1093.188	*1114.679	*1122.331
0.0	913.425	*940.450	*972.285	*985.860	*1016.960	*1032.430	*1056.450	*1081.840	*1095.690	*1115.720
-1.0	882.435	*907.524	*936.913	*950.030	*981.013	*995.428	*1014.742	*1036.440	*1051.299	*1074.235
-3.0	819.709	*840.847	*864.726	*876.427	*902.944	*917.396	*927.926	*946.197	*963.681	*969.302
-5.0	756.449	*773.028	*790.999	*801.285	*822.581	*836.222	*853.459	*866.715	*881.711	*899.538
-7.0	690.539	*705.769	*724.571	*731.565	*743.151	*755.076	*769.399	*787.444	*792.930	*808.493
-9.0	631.828	*645.203	*658.237	*661.520	*664.649	*685.626	*697.418	*704.352	*719.751	*726.998
-11.0	576.042	*584.678	*591.425	*600.487	*606.592	*619.179	*632.520	*640.965	*651.909	*658.384
-13.0	522.492	*524.734	*535.330	*544.633	*550.404	*554.423	*567.045	*575.830	*580.240	*589.057
-15.0	471.475	*476.281	*486.929	*490.702	*491.524	*501.962	*509.722	*513.027	*520.922	*525.905
-17.0	430.758	*438.499	*444.075	*441.177	*447.039	*455.875	*461.650	*463.672	*471.602	*473.712
-19.5	395.435	*399.258	*397.106	*399.640	*405.602	*410.674	*412.889	*420.055	*424.489	*424.055
-22.5	357.416	*355.175	*356.049	*360.184	*363.005	*365.611	*370.084	*375.328	*378.704	*381.154
-25.5	318.303	*318.492	*320.120	*321.654	*322.494	*325.394	*330.679	*334.619	*336.990	*338.798
-29.0	274.727	*280.289	*279.739	*277.991	*277.896	*282.432	*285.602	*287.684	*288.810	*290.523
-33.0	240.808	*242.828	*241.339	*238.519	*240.664	*243.075	*244.873	*246.173	*246.902	*247.824
-37.5	212.308	*211.617	*209.886	*210.554	*210.928	*211.104	*210.922	*210.784	*212.107	*211.959
-42.5	184.804	183.058	180.919	180.369	179.661	179.179	177.457	177.682	178.442	178.653
-47.5	158.674	156.322	155.425	154.060	152.706	151.056	149.305	150.407	151.145	151.605
-55.0	122.738	123.790	123.947	123.775	123.465	122.976	123.552	124.917	126.217	127.424
-65.0	81.473	83.290	85.267	87.060	88.368	89.407	90.486	91.447	92.278	92.963
-75.0	31.498	31.919	32.205	32.303	32.335	32.758	33.262	33.688	34.023	34.691
-85.0	5.106	4.471	3.821	3.269	2.822	2.893	2.974	3.057	3.140	3.223
-90.0	4.418	3.976	3.533	3.165	2.869	3.001	3.133	3.265	3.397	3.529

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	1093.551	*1103.152	*1107.953	*1101.419	*1088.350	*1075.280	*1062.210	*1049.140	*1036.069	*1022.999
85.0	1333.995	*1347.105	*1353.660	*1345.423	*1328.950	*1312.477	*1296.006	*1279.535	*1263.065	*1240.541
75.0	1552.272	*1566.657	*1573.850	*1564.895	*1546.986	*1529.082	*1507.668	*1487.086	*1465.555	*1442.963
65.0	1853.725	*1881.306	*1895.100	*1878.482	*1845.255	*1811.654	*1778.905	*1747.117	*1716.685	*1687.994

CANDELA TABULATION - (Cont.)

55.0	1907.449	*1933.045	*1945.850	*1932.714	*1906.456	*1885.807	*1865.047	*1846.210	*1829.328	*1808.095	*
47.5	1814.284	*1832.034	*1840.720	*1829.743	*1807.102	*1784.177	*1761.717	*1742.627	*1724.500	*1695.612	*
42.5	1723.636	*1734.004	*1740.540	*1733.537	*1722.287	*1713.934	*1707.548	*1698.260	*1681.075	*1647.618	*
37.5	1580.476	*1597.112	*1605.760	*1598.297	*1583.888	*1569.989	*1556.085	*1550.776	*1538.276	*1523.448	*
33.0	1597.315	*1603.902	*1606.910	*1605.435	*1602.398	*1599.039	*1595.129	*1578.675	*1534.639	*1501.368	*
29.0	1565.174	*1588.361	*1600.620	*1591.267	*1574.125	*1559.850	*1550.004	*1534.264	*1509.202	*1476.936	*
25.5	1565.009	*1569.480	*1570.830	*1570.974	*1569.250	*1564.584	*1548.932	*1518.683	*1499.649	*1480.094	*
22.5	1571.154	*1584.027	*1592.000	*1586.112	*1577.998	*1577.964	*1553.284	*1514.873	*1485.086	*1468.325	*
19.5	1495.525	*1504.124	*1509.460	*1506.627	*1501.487	*1495.234	*1481.660	*1463.748	*1435.716	*1415.945	*
17.0	1484.429	*1491.516	*1494.270	*1494.842	*1493.598	*1485.301	*1466.740	*1439.362	*1408.412	*1393.100	*
15.0	1492.201	*1493.670	*1496.430	*1492.731	*1489.323	*1476.224	*1454.379	*1432.886	*1374.633	*1343.665	*
13.0	1419.040	*1421.469	*1430.370	*1423.463	*1421.803	*1405.333	*1388.759	*1370.305	*1323.162	*1288.496	*
11.0	1362.290	*1362.394	*1363.140	*1366.799	*1376.477	*1370.288	*1346.109	*1313.153	*1284.915	*1254.012	*
9.0	1359.035	*1363.402	*1357.680	*1358.253	*1356.738	*1357.065	*1321.739	*1288.515	*1250.555	*1221.587	*
7.0	1309.980	*1317.328	*1318.860	*1311.149	*1309.158	*1295.151	*1269.965	*1236.084	*1209.589	*1185.013	*
5.0	1238.056	*1252.354	*1251.750	*1242.562	*1255.480	*1243.761	*1214.345	*1176.865	*1166.701	*1145.771	*
3.0	1195.859	*1204.418	*1202.780	*1200.257	*1199.620	*1196.103	*1168.313	*1137.281	*1126.637	*1099.293	*
1.0	1133.572	*1153.208	*1148.150	*1145.596	*1152.140	*1138.545	*1117.280	*1077.703	*1067.004	*1037.410	*
0.0	1130.040	*1124.460	*1118.789	*1121.220	*1115.130	*1107.950	*1083.600	*1044.410	*1035.530	*1004.520	*
-1.0	1084.202	*1077.530	*1088.090	*1079.673	*1070.003	*1066.119	*1050.286	*1012.492	*995.129	*973.924	*
-3.0	984.704	*990.383	*988.830	*993.410	*978.804	*966.879	*970.189	*939.779	*912.034	*909.721	*
-5.0	915.267	*918.660	*911.480	*916.652	*909.442	*899.014	*891.052	*868.145	*844.583	*837.489	*
-7.0	822.244	*830.113	*820.250	*824.853	*819.816	*814.184	*804.146	*788.616	*769.312	*757.850	*
-9.0	737.549	*742.762	*736.930	*740.975	*736.518	*729.681	*726.165	*709.268	*698.117	*688.734	*
-11.0	662.840	*667.440	*662.600	*666.360	*662.982	*665.408	*660.774	*641.973	*632.371	*620.545	*
-13.0	592.174	*596.557	*593.040	*596.622	*593.094	*593.917	*586.637	*579.768	*569.752	*556.725	*
-15.0	529.271	*532.717	*530.240	*533.620	*531.819	*529.531	*525.147	*516.261	*511.543	*502.271	*
-17.0	477.326	*478.788	*476.900	*479.818	*480.003	*476.689	*473.598	*464.086	*460.087	*453.314	*
-19.5	428.864	*429.710	*428.665	*430.156	*430.451	*426.867	*423.732	*416.760	*406.813	*406.141	*
-22.5	382.580	*382.096	*380.925	*382.481	*383.654	*382.691	*378.484	*372.705	*365.300	*359.139	*
-25.5	339.234	*337.864	*336.405	*337.953	*339.452	*339.006	*336.876	*332.761	*326.938	*320.388	*
-29.0	290.498	*288.985	*287.330	*289.101	*290.863	*291.187	*289.851	*287.761	*284.698	*280.790	*
-33.0	247.635	*246.501	*245.360	*246.640	*248.102	*248.741	*248.474	*248.275	*246.931	*245.250	*
-37.5	211.561	*210.511	*209.735	*210.807	*212.450	*213.438	*214.175	*213.831	*214.212	*214.037	*
-42.5	178.336	177.527	176.950	177.879	179.389	180.401	180.874	180.875	180.989	182.206	
-47.5	151.782	151.661	151.485	152.045	152.939	153.554	153.916	153.983	153.628	154.706	
-55.0	128.715	129.458	129.830	129.797	129.730	129.093	128.522	127.826	127.025	126.557	
-65.0	93.698	93.866	93.950	93.879	93.738	92.957	92.174	91.149	89.872	88.329	
-75.0	34.526	34.362	34.280	34.323	34.408	34.494	33.638	33.102	32.406	31.550	
-85.0	3.306	3.389	3.430	3.393	3.318	3.243	3.168	3.093	3.018	2.945	
-90.0	3.661	3.793	3.859	3.793	3.661	3.529	3.397	3.266	3.134	3.002	

Vert. Horizontal Angles
 Angles

	15.0	17.0	19.5	22.5	25.5	29.0	33.0	37.5	42.5	47.5	
90.0	1009.928	*982.508	*948.233	*907.102	*865.971	*817.986	*769.280	*716.783	*658.450	*596.821	*
85.0	1221.566	*1188.056	*1146.157	*1095.984	*1046.068	*988.356	*927.217	*860.127	*782.565	*707.643	*
75.0	1416.377	*1380.102	*1333.637	*1277.588	*1221.889	*1156.565	*1098.705	*1033.650	*962.122	*872.513	*
65.0	1654.024	*1617.282	*1574.042	*1526.716	*1473.986	*1407.962	*1317.387	*1228.573	*1135.143	*1029.777	*
55.0	1772.111	*1735.379	*1681.140	*1605.757	*1538.328	*1476.284	*1413.186	*1369.364	*1290.292	*1162.375	*
47.5	1670.453	*1648.196	*1619.782	*1569.242	*1506.726	*1460.342	*1437.424	*1363.311	*1259.547	*1221.076	*
42.5	1614.837	*1581.146	*1536.116	*1506.778	*1478.071	*1435.718	*1365.897	*1342.231	*1278.617	*1170.745	*
37.5	1502.730	*1472.047	*1444.843	*1423.387	*1403.581	*1386.698	*1352.454	*1288.573	*1259.705	*1156.438	*
33.0	1481.166	*1467.257	*1430.296	*1370.446	*1322.518	*1302.841	*1301.062	*1258.245	*1202.830	*1151.243	*
29.0	1437.074	*1415.298	*1402.446	*1383.449	*1320.759	*1262.231	*1247.192	*1234.762	*1151.886	*1102.009	*
25.5	1445.951	*1407.524	*1379.884	*1366.060	*1324.439	*1263.276	*1224.018	*1191.778	*1119.536	*1057.411	*

IES FLOOD REPORT
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CANDELA TABULATION - (Cont.)

22.5	1438.744	*1404.046	*1352.610	*1326.361	*1301.343	*1252.757	*1209.225	*1150.196	*1091.509	*1026.456	*
19.5	1396.594	*1370.233	*1333.344	*1284.975	*1260.265	*1226.977	*1171.147	*1116.756	*1050.332	*990.958	*
17.0	1383.029	*1348.616	*1297.295	*1256.467	*1229.188	*1191.096	*1138.508	*1085.018	*1018.471	*960.229	*
15.0	1340.427	*1320.248	*1267.235	*1223.152	*1196.191	*1155.675	*1112.200	*1059.416	*992.357	* 915.798	*
13.0	1287.199	*1273.692	*1231.671	*1192.178	*1156.759	*1119.869	*1082.429	*1032.559	*956.870	* 872.794	*
11.0	1254.232	*1235.328	*1193.512	*1152.018	*1117.405	*1082.188	*1053.165	*996.911	* 913.361	* 830.454	*
9.0	1225.467	*1200.551	*1156.484	*1116.587	*1077.165	*1044.322	*1016.550	*952.116	* 869.626	* 787.319	*
7.0	1168.072	*1159.552	*1118.505	*1079.724	*1039.498	*1001.834	*966.587	* 908.080	* 825.206	* 743.199	*
5.0	1122.733	*1110.101	*1075.974	*1035.297	*995.289	* 957.286	* 917.571	* 862.143	* 780.511	* 698.428	*
3.0	1076.358	*1054.461	*1023.878	*983.353	* 950.878	* 911.836	* 868.840	* 815.502	* 734.815	* 653.209	*
1.0	1022.261	*999.668	* 969.637	* 930.897	* 904.447	* 865.505	* 819.832	* 767.766	* 688.020	* 607.359	*
0.0	993.820	* 971.570	* 941.670	* 904.210	* 880.355	* 841.720	* 794.650	* 743.510	* 664.180	* 584.140	*
-1.0	960.333	* 938.021	* 911.766	* 877.376	* 851.768	* 815.372	* 770.430	* 721.952	* 646.822	* 570.479	*
-3.0	889.000	* 868.581	* 850.445	* 822.291	* 792.780	* 761.266	* 720.438	* 678.126	* 611.275	* 542.523	*
-5.0	815.317	* 799.546	* 788.119	* 765.511	* 731.595	* 706.006	* 669.788	* 633.409	* 574.786	* 513.806	*
-7.0	741.751	* 733.497	* 726.828	* 706.113	* 671.024	* 649.370	* 618.774	* 588.557	* 537.557	* 484.431	*
-9.0	666.520	* 668.145	* 661.884	* 645.265	* 618.091	* 594.941	* 568.764	* 541.432	* 500.417	* 454.680	*
-11.0	611.680	* 606.655	* 595.034	* 581.354	* 565.874	* 550.300	* 525.849	* 495.689	* 463.046	* 424.644	*
-13.0	553.540	* 546.603	* 535.881	* 522.127	* 512.777	* 504.224	* 490.563	* 459.602	* 426.499	* 394.253	*
-15.0	491.666	* 490.295	* 487.370	* 475.003	* 461.598	* 459.788	* 454.139	* 430.704	* 393.921	* 363.563	*
-17.0	444.596	* 439.962	* 443.320	* 436.262	* 423.279	* 419.181	* 418.207	* 401.894	* 371.480	* 333.070	*
-19.5	402.349	* 397.922	* 397.300	* 394.488	* 387.280	* 379.126	* 376.836	* 366.873	* 343.815	* 311.034	*
-22.5	358.893	* 358.138	* 353.495	* 350.523	* 348.627	* 344.236	* 334.177	* 326.731	* 311.934	* 285.143	*
-25.5	317.626	* 317.791	* 316.719	* 312.849	* 310.381	* 307.837	* 302.128	* 288.159	* 278.893	* 261.171	*
-29.0	276.438	* 276.480	* 277.437	* 275.718	* 268.872	* 271.665	* 268.768	* 257.952	* 244.834	* 235.965	*
-33.0	242.676	* 240.086	* 241.215	* 241.370	* 238.658	* 234.959	* 236.122	* 229.060	* 214.136	* 210.364	*
-37.5	213.333	* 212.341	* 210.717	* 211.087	* 210.166	* 208.693	* 207.141	* 201.958	* 193.844	185.992	
-42.5	181.986	181.910	181.297	181.707	182.608	182.616	180.524	177.237	172.196	165.168	
-47.5	155.628	156.264	156.679	156.430	157.240	157.468	156.108	153.509	149.836	144.963	
-55.0	126.125	125.512	124.633	123.010	120.382	121.378	120.964	118.452	116.399	115.834	
-65.0	86.697	85.419	83.955	82.062	78.510	75.612	75.386	74.380	73.660	77.239	
-75.0	30.594	29.752	28.694	27.427	26.090	24.500	27.024	30.170	34.002	40.613	
-85.0	2.870	3.246	3.704	4.252	4.800	5.438	9.038	13.936	19.154	26.043	
-90.0	2.870	3.118	3.428	3.800	4.172	4.606	7.577	11.848	16.593	23.003	

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	499.439	* 347.260	* 172.771	106.882	73.950
85.0	594.847	* 405.676	* 193.559	109.194	73.951
75.0	739.883	* 511.082	* 247.431	* 113.117	73.952
65.0	894.416	* 596.908	* 302.887	* 115.942	73.952
55.0	1026.531	* 692.277	* 338.016	* 117.313	73.953
47.5	1008.195	* 716.321	* 353.209	* 117.480	73.954
42.5	1032.462	* 716.309	* 358.419	* 116.822	73.954
37.5	1002.658	* 707.481	* 353.112	* 115.637	73.955
33.0	961.330	* 689.941	* 345.246	* 113.101	73.955
29.0	926.697	* 659.004	* 333.623	* 110.547	73.955
25.5	905.464	* 624.505	* 318.911	* 107.935	73.955
22.5	883.690	* 591.331	* 304.068	* 105.437	73.955
19.5	837.329	* 555.243	* 287.027	* 102.721	73.955
17.0	795.397	* 524.105	* 271.409	* 100.305	73.956
15.0	760.124	* 498.843	* 258.308	* 98.283	73.956
13.0	724.215	* 473.420	* 244.706	* 96.189	73.956
11.0	686.087	* 447.074	* 230.643	* 94.353	73.956
9.0	647.580	* 419.852	* 216.158	* 92.013	73.956

IES FLOOD REPORT
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CANDELA TABULATION - (Cont.)

7.0	608.384	*	391.802	*	201.291	*	89.659	73.956
5.0	568.451	*	362.978	*	186.720		87.295	73.956
3.0	528.663	*	334.085	*	170.806		84.924	73.956
1.0	486.298	*	303.297	*	154.859		81.360	73.956
0.0	465.090	*	287.890	*	146.880		81.360	73.956
-1.0	455.964	*	284.575	*	146.537		81.388	73.956
-3.0	437.732	*	277.952	*	145.851		81.444	73.956
-5.0	417.029	*	269.719	*	145.166		81.500	73.956
-7.0	396.749	*	261.717	*	143.435		81.556	73.956
-9.0	376.084	*	253.414	*	142.108		81.611	73.956
-11.0	355.177	*	244.886	*	140.649		81.667	73.956
-13.0	334.471	*	236.209	*	139.072		81.469	73.955
-15.0	313.430	*	227.455	*	137.387		81.438	73.955
-17.0	292.940	*	218.889	*	135.606		81.392	73.955
-19.5	268.099	*	208.371	*	133.261		81.315	73.955
-22.5	239.508	*	196.102	*	130.527		81.194	73.955
-25.5	225.399	*	183.546		127.843		81.039	73.955
-29.0	209.409	*	170.209		124.580		80.817	73.955
-33.0	192.141		157.109		120.866		80.508	73.954
-37.5	173.498		146.489		116.648		80.166	73.954
-42.5	155.443		136.196		112.010		79.085	73.954
-47.5	138.398		125.598		107.094		78.033	73.953
-55.0	114.221		109.012		99.619		76.594	73.953
-65.0	81.398		87.451		90.750		75.630	73.952
-75.0	52.157		67.842		82.100		74.694	73.951
-85.0	38.487		56.045		74.677		73.840	73.950
-90.0	35.119		52.939		72.424		73.441	73.949

IES FLOOD REPORT
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LUMEN TABULATION

Average Of Right And Left Sides
 Total Luminaire Lumens (one side of beam only) = 2181.58
 Total Field Lumens (one side of beam only) = 2097.03
 * 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	1.87 *	3.71 *	3.66 *	3.61 *	3.55 *	3.50 *	3.43 *	3.36 *	3.27 *	3.92 *	
75	4.45 *	8.82 *	8.71 *	8.58 *	8.44 *	8.29 *	8.13 *	7.94 *	7.72 *	9.27 *	
65	5.27 *	10.42 *	10.26 *	10.08 *	9.89 *	9.69 *	9.48 *	9.25 *	8.98 *	10.82 *	
55	5.83 *	11.52 *	11.34 *	11.15 *	10.95 *	10.75 *	10.53 *	10.28 *	10.00 *	12.07 *	
47.5	4.31 *	8.54 *	8.43 *	8.31 *	8.19 *	8.07 *	7.91 *	7.72 *	7.53 *	9.12 *	
42.5	2.72 *	5.40 *	5.35 *	5.29 *	5.23 *	5.16 *	5.05 *	4.92 *	4.79 *	5.81 *	
37.5	2.54 *	5.05 *	5.00 *	4.96 *	4.91 *	4.84 *	4.75 *	4.63 *	4.51 *	5.45 *	
33	2.20 *	4.37 *	4.34 *	4.29 *	4.24 *	4.17 *	4.07 *	3.97 *	3.87 *	4.68 *	
29	1.95 *	3.87 *	3.84 *	3.80 *	3.75 *	3.66 *	3.56 *	3.46 *	3.37 *	4.10 *	
25.5	1.69 *	3.35 *	3.32 *	3.29 *	3.23 *	3.16 *	3.08 *	2.99 *	2.89 *	3.52 *	
22.5	1.44 *	2.88 *	2.86 *	2.83 *	2.77 *	2.70 *	2.64 *	2.56 *	2.47 *	2.97 *	
19.5	1.41 *	2.81 *	2.80 *	2.76 *	2.70 *	2.63 *	2.57 *	2.51 *	2.43 *	2.91 *	
17	1.14 *	2.28 *	2.26 *	2.24 *	2.19 *	2.13 *	2.08 *	2.04 *	1.98 *	2.38 *	
15	0.91 *	1.82 *	1.80 *	1.78 *	1.74 *	1.69 *	1.63 *	1.60 *	1.56 *	1.86 *	
13	0.89 *	1.77 *	1.76 *	1.73 *	1.70 *	1.64 *	1.58 *	1.55 *	1.51 *	1.81 *	
11	0.85 *	1.70 *	1.69 *	1.66 *	1.63 *	1.58 *	1.52 *	1.49 *	1.47 *	1.76 *	
9	0.83 *	1.66 *	1.65 *	1.63 *	1.59 *	1.53 *	1.48 *	1.45 *	1.42 *	1.71 *	
7	0.82 *	1.63 *	1.61 *	1.58 *	1.54 *	1.49 *	1.44 *	1.41 *	1.38 *	1.66 *	
5	0.78 *	1.56 *	1.55 *	1.52 *	1.48 *	1.43 *	1.39 *	1.35 *	1.32 *	1.59 *	
3	0.75 *	1.49 *	1.48 *	1.45 *	1.41 *	1.37 *	1.34 *	1.30 *	1.26 *	1.53 *	
1	0.72 *	1.43 *	1.41 *	1.39 *	1.36 *	1.32 *	1.28 *	1.25 *	1.21 *	1.46 *	
0	0.35 *	0.69 *	0.68 *	0.67 *	0.66 *	0.64 *	0.62 *	0.60 *	0.59 *	0.71 *	
-1	0.34 *	0.67 *	0.67 *	0.65 *	0.64 *	0.62 *	0.60 *	0.59 *	0.57 *	0.69 *	
	0.63 *	1.26 *	1.24 *	1.23 *	1.20 *	1.17 *	1.14 *	1.11 *	1.08 *	1.30 *	

IES FLOOD REPORT
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LUMENS TABULATION - (Cont.)

-3	0.58 *	1.16 *	1.14 *	1.13 *	1.11 *	1.07 *	1.05 *	1.02 *	0.99 *	1.20 *
-5	0.53 *	1.06 *	1.05 *	1.03 *	1.01 *	0.98 *	0.96 *	0.93 *	0.91 *	1.10 *
-7	0.48 *	0.95 *	0.94 *	0.93 *	0.91 *	0.89 *	0.87 *	0.84 *	0.82 *	1.01 *
-9	0.43 *	0.86 *	0.85 *	0.84 *	0.82 *	0.80 *	0.79 *	0.76 *	0.74 *	0.91 *
-11	0.38 *	0.77 *	0.76 *	0.76 *	0.74 *	0.73 *	0.71 *	0.69 *	0.68 *	0.82 *
-13	0.34 *	0.69 *	0.68 *	0.67 *	0.66 *	0.65 *	0.64 *	0.62 *	0.61 *	0.74 *
-15	0.31 *	0.62 *	0.61 *	0.61 *	0.60 *	0.58 *	0.57 *	0.56 *	0.55 *	0.67 *
-17	0.35 *	0.69 *	0.69 *	0.68 *	0.67 *	0.66 *	0.65 *	0.63 *	0.62 *	0.76 *
-19.5	0.37 *	0.74 *	0.74 *	0.73 *	0.72 *	0.71 *	0.69 *	0.68 *	0.67 *	0.82 *
-22.5	0.33 *	0.66 *	0.66 *	0.65 *	0.64 *	0.63 *	0.62 *	0.61 *	0.60 *	0.73 *
-25.5	0.33 *	0.67 *	0.67 *	0.67 *	0.66 *	0.65 *	0.64 *	0.62 *	0.61 *	0.76 *
-29	0.33 *	0.65 *	0.65 *	0.65 *	0.65 *	0.64 *	0.63 *	0.62 *	0.61 *	0.75 *
-33	0.31 *	0.63 *	0.63 *	0.63 *	0.62 *	0.62 *	0.61 *	0.61 *	0.60 *	0.73 *
-37.5	0.30	0.59 *	0.59 *	0.59 *	0.59 *	0.59 *	0.58 *	0.58 *	0.58 *	0.71 *
-42.5	0.25	0.50	0.50	0.50	0.50	0.50	0.49	0.49	0.49	0.61
-47.5	0.32	0.64	0.64	0.64	0.63	0.62	0.62	0.62	0.61	0.76
-55	0.34	0.68	0.67	0.67	0.66	0.65	0.64	0.63	0.62	0.76
-65	0.20	0.39	0.39	0.38	0.38	0.37	0.36	0.35	0.35	0.42
-75	0.06	0.11	0.11	0.11	0.11	0.11	0.11	0.10	0.10	0.12
-85	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
-90										
Total	51.20	101.77	100.71	99.37	97.68	95.69	93.56	91.34	88.93	107.51

Vert. Horizontal Angles

Angles	19.5	22.5	25.5	29	33	37.5	42.5	47.5	55	65
90	4.46 *	4.18 *	4.53 *	4.72 *	4.73 *	4.56 *	3.84 *	4.50 *	3.75 *	1.64 *
85	10.57 *	9.93 *	10.77 *	11.22 *	11.27 *	10.88 *	9.22 *	10.84 *	9.03 *	3.91 *
75	12.38 *	11.69 *	12.74 *	13.36 *	13.48 *	13.11 *	11.15 *	13.06 *	10.86 *	4.72 *
65	13.82 *	13.07 *	14.28 *	15.03 *	15.33 *	15.08 *	12.79 *	15.02 *	12.58 *	5.40 *
55	10.48 *	9.91 *	10.83 *	11.51 *	11.89 *	11.75 *	10.11 *	12.03 *	10.12 *	4.37 *

IES FLOOD REPORT
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LUMENS TABULATION - (Cont.)

47.5	6.70 *	6.37 *	7.01 *	7.49 *	7.76 *	7.72 *	6.69 *	8.02 *	6.82 *	2.99 *
42.5	6.32 *	6.09 *	6.77 *	7.26 *	7.53 *	7.58 *	6.58 *	7.88 *	6.79 *	2.98 *
37.5	5.40 *	5.18 *	5.78 *	6.28 *	6.56 *	6.60 *	5.81 *	6.95 *	5.94 *	2.63 *
33	4.73 *	4.48 *	4.94 *	5.37 *	5.66 *	5.67 *	4.99 *	6.01 *	5.11 *	2.26 *
29	4.11 *	3.92 *	4.28 *	4.59 *	4.83 *	4.83 *	4.21 *	5.09 *	4.31 *	1.89 *
25.5	3.44 *	3.32 *	3.64 *	3.88 *	4.05 *	4.03 *	3.51 *	4.24 *	3.57 *	1.54 *
22.5	3.35 *	3.23 *	3.58 *	3.80 *	3.94 *	3.91 *	3.41 *	4.09 *	3.41 *	1.47 *
19.5	2.72 *	2.62 *	2.92 *	3.09 *	3.18 *	3.16 *	2.76 *	3.28 *	2.70 *	1.16 *
17	2.13 *	2.05 *	2.28 *	2.42 *	2.48 *	2.46 *	2.14 *	2.52 *	2.06 *	0.88 *
15	2.07 *	1.99 *	2.22 *	2.36 *	2.43 *	2.40 *	2.06 *	2.42 *	1.97 *	0.85 *
13	2.01 *	1.92 *	2.14 *	2.30 *	2.37 *	2.32 *	1.98 *	2.31 *	1.88 *	0.81 *
11	1.95 *	1.85 *	2.07 *	2.23 *	2.29 *	2.23 *	1.89 *	2.20 *	1.79 *	0.76 *
9	1.89 *	1.79 *	1.99 *	2.15 *	2.20 *	2.13 *	1.81 *	2.10 *	1.70 *	0.72 *
7	1.82 *	1.73 *	1.91 *	2.05 *	2.10 *	2.03 *	1.72 *	1.98 *	1.60 *	0.68 *
5	1.75 *	1.66 *	1.83 *	1.95 *	2.00 *	1.93 *	1.63 *	1.87 *	1.50 *	0.63 *
3	1.68 *	1.59 *	1.75 *	1.86 *	1.89 *	1.83 *	1.53 *	1.76 *	1.40 *	0.59 *
1	0.81 *	0.77 *	0.84 *	0.89 *	0.91 *	0.88 *	0.73 *	0.83 *	0.66 *	0.28 *
0	0.79 *	0.75 *	0.82 *	0.87 *	0.88 *	0.85 *	0.71 *	0.81 *	0.64 *	0.27 *
-1	1.50 *	1.42 *	1.56 *	1.65 *	1.68 *	1.63 *	1.36 *	1.56 *	1.25 *	0.53 *
-3	1.39 *	1.32 *	1.45 *	1.53 *	1.57 *	1.53 *	1.29 *	1.49 *	1.21 *	0.52 *
-5	1.28 *	1.21 *	1.33 *	1.42 *	1.46 *	1.43 *	1.21 *	1.41 *	1.15 *	0.50 *
-7	1.17 *	1.11 *	1.22 *	1.30 *	1.34 *	1.33 *	1.13 *	1.33 *	1.10 *	0.49 *
-9	1.06 *	1.01 *	1.12 *	1.19 *	1.23 *	1.22 *	1.06 *	1.25 *	1.05 *	0.48 *
-11	0.95 *	0.92 *	1.02 *	1.10 *	1.14 *	1.13 *	0.98 *	1.17 *	1.00 *	0.46
-13	0.86 *	0.83 *	0.93 *	1.01 *	1.06 *	1.04 *	0.90 *	1.08 *	0.94 *	0.45
-15	0.79 *	0.75 *	0.85 *	0.93 *	0.98 *	0.97 *	0.83 *	1.00 *	0.89 *	0.43
-17	0.89 *	0.86 *	0.97 *	1.06 *	1.13 *	1.13 *	0.97 *	1.16 *	1.04 *	0.52
-19.5	0.96 *	0.94 *	1.05 *	1.14 *	1.21 *	1.23 *	1.07 *	1.26 *	1.14 *	0.59

IES FLOOD REPORT
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LUMENS TABULATION - (Cont.)

-22.5	0.86 *	0.84 *	0.94 *	1.03 *	1.08 *	1.10 *	0.97 *	1.15 *	1.04 *	0.56
-25.5	0.89 *	0.86 *	0.97 *	1.07 *	1.12 *	1.14 *	1.01 *	1.23 *	1.13 *	0.61
-29	0.89 *	0.86 *	0.97 *	1.07 *	1.14 *	1.14 *	1.02 *	1.28 *	1.18	0.65
-33	0.87 *	0.85 *	0.96 *	1.06 *	1.13 *	1.14 *	1.01 *	1.28	1.20	0.68
-37.5	0.84 *	0.82 *	0.94 *	1.03 *	1.10	1.12	1.00	1.27	1.21	0.71
-42.5	0.72	0.71	0.81	0.89	0.95	0.97	0.88	1.12	1.10	0.66
-47.5	0.90	0.88	1.00	1.10	1.17	1.20	1.09	1.42	1.44	0.90
-55	0.88	0.85	0.95	1.05	1.11	1.14	1.07	1.44	1.55	1.05
-65	0.48	0.46	0.51	0.56	0.61	0.65	0.64	0.95	1.15	0.89
-75	0.15	0.14	0.16	0.19	0.25	0.31	0.35	0.59	0.85	0.76
-85	0.02	0.02	0.02	0.04	0.06	0.09	0.12	0.22	0.35	0.34
-90										
Total	123.67	117.74	129.65	138.10	142.27	140.57	121.25	144.50	123.21	56.21

Vert. Angles	Horizontal Angles			<u>Total</u>
	<u>75</u>	<u>85</u>	<u>90</u>	
90				
	0.45	0.03		75.26
85	1.03	0.07		179.09
75	1.18 *	0.07		211.94
65	1.31 *	0.07		238.20
55	1.03 *	0.05		182.22
47.5	0.70 *	0.04		118.02
42.5	0.70 *	0.04		113.15
37.5	0.62 *	0.03		97.99
33	0.53 *	0.03		85.15
29	0.45 *	0.02		73.06
25.5	0.37 *	0.02		61.73
22.5	0.36 *	0.02		60.13
19.5	0.28	0.02		48.61
17	0.22	0.01		38.05

IES FLOOD REPORT
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LUMENS TABULATION - (Cont.)

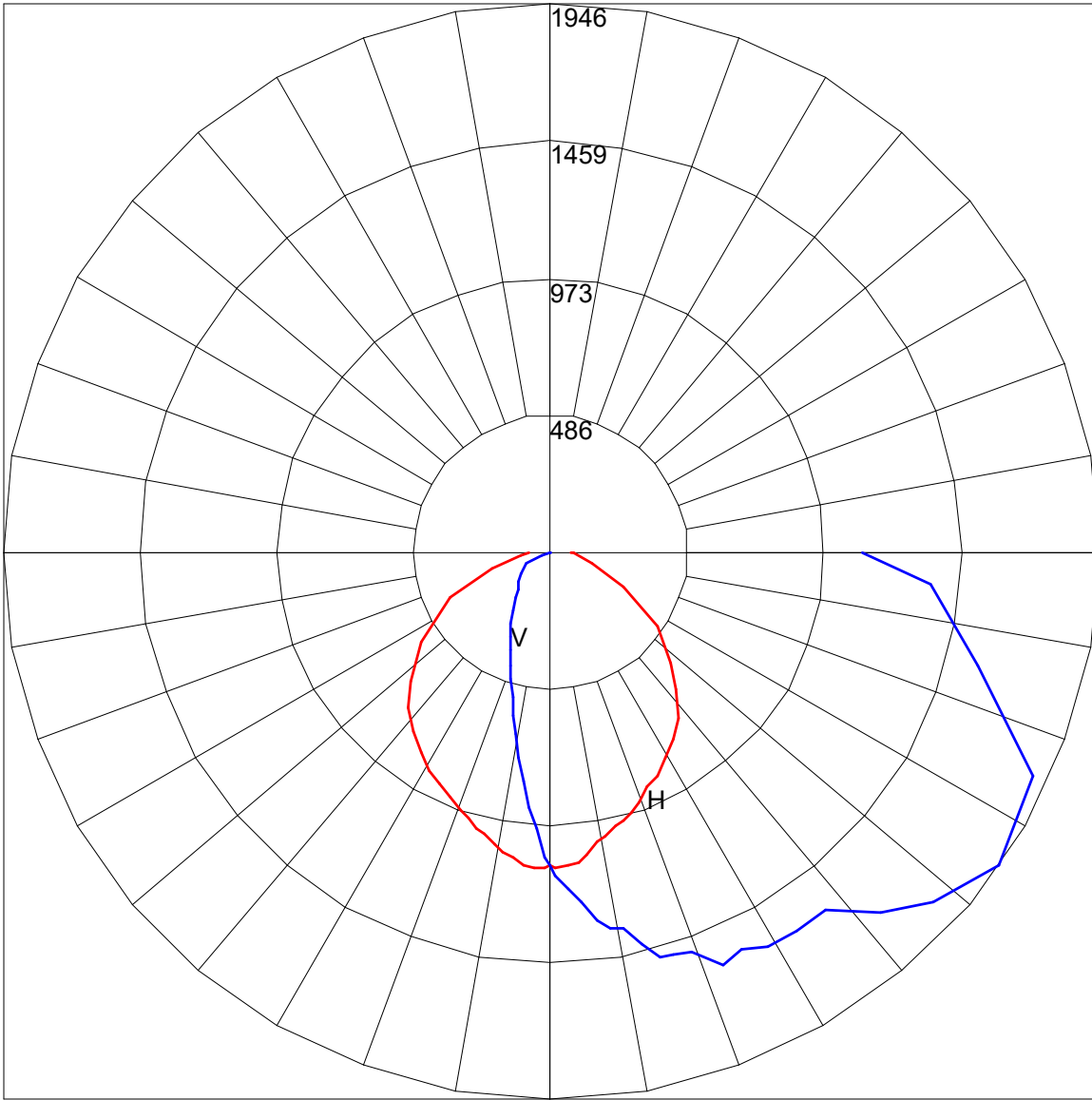
15	0.21	0.01	36.94
13	0.20	0.01	35.60
11	0.19	0.01	34.43
9	0.18	0.01	33.22
7	0.17	0.01	31.78
5	0.16	0.01	30.32
3	0.15	0.01	28.88
1	0.07	0.01	13.90
0	0.07	0.01	13.50
-1	0.14	0.01	25.66
-3	0.14	0.01	23.88
-5	0.14	0.01	22.10
-7	0.14	0.01	20.30
-9	0.14	0.01	18.61
-11	0.14	0.01	17.04
-13	0.14	0.01	15.57
-15	0.13	0.01	14.25
-17	0.16	0.01	16.28
-19.5	0.19	0.02	17.68
-22.5	0.19	0.02	15.91
-25.5	0.22	0.02	16.55
-29	0.24	0.02	16.64
-33	0.26	0.02	16.46
-37.5	0.28	0.03	16.04
-42.5	0.27	0.03	13.96
-47.5	0.39	0.04	17.64
-55	0.48	0.05	17.96
-65	0.45	0.05	11.00

IES FLOOD REPORT
PHOTOMETRIC FILENAME : MIMDWPKSR-LED45DMVBZ50.IES

LUMENS TABULATION - (Cont.)

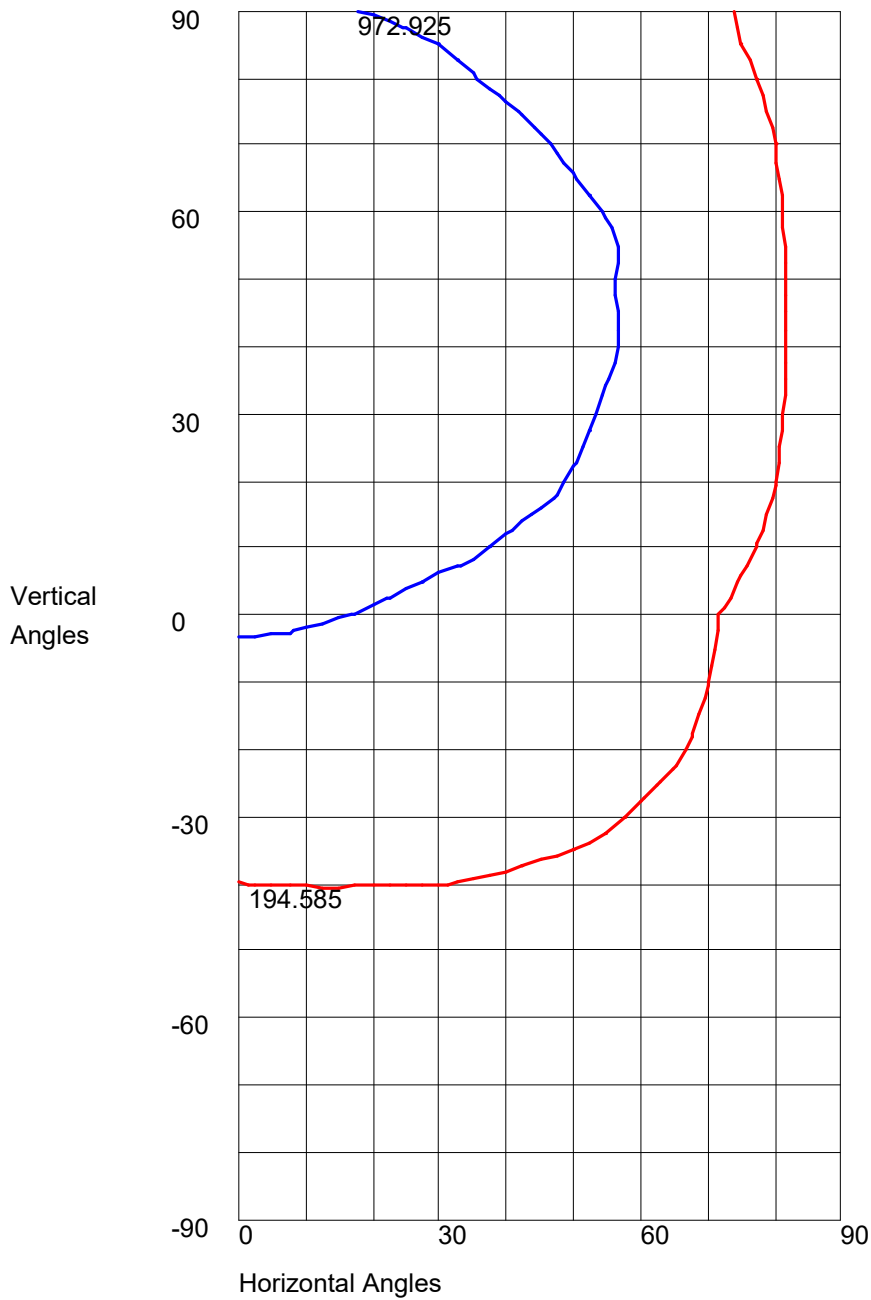
-75	0.42	0.05	5.26
-85	0.20	0.03	1.61
-90			
Total	15.54	1.09	2181.58

AXIAL CANDELA DISPLAY



Maximum Candela = 1945.85 Located At Horizontal Angle = 0, Vertical Angle = 55
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 1945.85 Located At Horizontal Angle = 0, Vertical Angle = 55
50% Maximum Candela = 972.925
10% Maximum Candela = 194.585