

IES FLOOD REPORT
PHOTOMETRIC FILENAME : 4103

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST]
 [TESTLAB]
 [TESTDATE] 2014-9-17
 [ISSUE DATE] 2014-9-17
 [MANUFAC] Royal Pacific
 [LUMCAT]
 [LUMINAIRE] 4103
 [LAMPCAT]
 [LAMP]

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

CHARACTERISTICS

NEMA Type	7 H x 7 V
Maximum Candela	994.625
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	94.1
Vertical Beam Angle (50%)	92.1
Horizontal Field Angle (10%)	151.0
Vertical Field Angle (10%)	150.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1453
Beam Efficiency	N.A.
Field Lumens	2160
Field Efficiency	N.A.
Spill Lumens	66
Luminaire Lumens	2226
Total Efficiency	N.A.
Total Luminaire Watts	23.19
Ballast Factor	1.00

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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	22.084	85	20.891
75	103.527	75	101.245
65	200.996	65	200.31
55	356.798	55	348.273
47.5	489.428	47.5	472.633
42.5	579.429	42.5	558.852
37.5	667.571	37.5	645.391
33	741.225	33	719.43
29	798.085	29	777.636
25.5	842.701	25.5	824.431
22.5	876.74	22.5	860.65
19.5	906.355	19.5	893.599
17	927.638	17	916.484
15	942.83	15	933.791
13	955.522	13	948.407
11	966.548	11	961.163
9	975.971	9	971.676
7	983.343	7	980.907
5	988.664	5	987.638
3	992.51	3	992.125
1	994.433	1	994.433
0	994.625	0	994.625
-1	994.433	-1	994.433
-3	992.51	-3	992.125
-5	988.664	-5	987.638
-7	983.343	-7	980.907
-9	975.971	-9	971.676
-11	966.548	-11	961.163
-13	955.522	-13	948.407
-15	942.83	-15	933.791
-17	927.638	-17	916.484
-19.5	906.355	-19.5	893.599
-22.5	876.74	-22.5	860.65
-25.5	842.701	-25.5	824.431
-29	798.085	-29	777.636
-33	741.225	-33	719.43
-37.5	667.571	-37.5	645.391
-42.5	579.429	-42.5	558.852
-47.5	489.428	-47.5	472.633
-55	356.798	-55	348.273
-65	200.996	-65	200.31
-75	103.527	-75	101.245
-85	22.084	-85	20.891
-90	0	-90	0

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CANDELA TABULATION

Maximum Candela = 994.625
 Beam Edge = 497.3125 Cd (50% of Max.)
 Field Edge = 99.4625 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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.502	3.343	6.281	8.428	11.020	12.773	14.393
75.0	0.000	0.000	12.428	29.588	54.803	61.987	68.823	74.536	79.807	84.344
65.0	0.000	0.543	30.623	65.553	92.070	110.937 *	122.957 *	136.531 *	148.985 *	159.541 *
55.0	0.000	5.026	55.711	93.573	135.844 *	171.496 *	196.595 *	222.465 *	245.120 *	266.926 *
47.5	0.000	9.011	65.708	116.447 *	173.285 *	224.743 *	261.258 *	308.930 *	340.634 *	368.051 *
42.5	0.000	11.409	72.543	128.498 *	200.701 *	262.051 *	317.307 *	362.462 *	401.351 *	434.449 *
37.5	0.000	13.824	78.773	141.100 *	224.421 *	310.426 *	363.879 *	417.054 *	462.574 *	502.233 *
33.0	0.000	15.282	84.073	152.102 *	247.210 *	344.227 *	405.263 *	465.359 *	516.782 *	559.038 *
29.0	0.000	16.656	87.906	162.609 *	271.059 *	372.993 *	440.038 *	507.934 *	562.826 *	610.334 *
25.5	0.000	17.741	91.181	171.207 *	292.532 *	396.310 *	469.151 *	539.935 *	599.560 *	648.843 *
22.5	0.000	18.667	93.799	177.175 *	305.463 *	415.296 *	492.616 *	567.042 *	629.243 *	681.429 *
19.5	0.000	19.488	96.067	182.999 *	316.537 *	432.663 *	512.978 *	591.748 *	655.229 *	708.023 *
17.0	0.000	20.090	97.658	186.797 *	325.986 *	444.921 *	527.077 *	606.862 *	675.586 *	729.136 *
15.0	0.000	20.516	98.941	189.696 *	332.745 *	454.297 *	540.008 *	621.148 *	688.877 *	743.456 *
13.0	0.000	20.892	99.919 *	192.294 *	338.497 *	462.491 *	549.049 *	631.592 *	700.520 *	757.890 *
11.0	0.000	22.014	100.926 *	194.524 *	343.393 *	469.361 *	556.820 *	641.050 *	712.798 *	768.763 *
9.0	0.000	22.026	101.767 *	196.656 *	347.884 *	475.446 *	564.394 *	648.865 *	721.704 *	777.471 *
7.0	0.000	22.039	102.443 *	198.370 *	351.246 *	480.446 *	570.226 *	656.067 *	727.414 *	784.839 *
5.0	0.000	22.052	103.454 *	199.659 *	353.815 *	484.482 *	574.425 *	660.713 *	733.150 *	790.831 *
3.0	0.000	22.065	103.483 *	201.010 *	356.468 *	488.791 *	578.803 *	664.712 *	737.718 *	794.943 *
1.0	0.000	22.078	103.512 *	201.001 *	356.688 *	489.216 *	579.220 *	667.254 *	740.799 *	797.653 *
0.0	0.000	22.084	103.527 *	200.996 *	356.798 *	489.428 *	579.429 *	667.571 *	741.225 *	798.085 *
-1.0	0.000	22.084	103.512 *	201.001 *	356.688 *	489.216 *	579.220 *	667.254 *	740.799 *	797.653 *
-3.0	0.000	22.065	103.483 *	201.010 *	356.468 *	488.791 *	578.803 *	664.712 *	737.718 *	794.943 *
-5.0	0.000	22.052	103.454 *	199.659 *	353.815 *	484.482 *	574.425 *	660.713 *	733.150 *	790.831 *
-7.0	0.000	22.039	102.443 *	198.370 *	351.246 *	480.446 *	570.226 *	656.067 *	727.414 *	784.839 *
-9.0	0.000	22.026	101.767 *	196.656 *	347.884 *	475.446 *	564.394 *	648.865 *	721.704 *	777.471 *
-11.0	0.000	22.014	100.926 *	194.524 *	343.393 *	469.361 *	556.820 *	641.050 *	712.798 *	768.763 *
-13.0	0.000	20.892	99.919 *	192.294 *	338.497 *	462.491 *	549.049 *	631.592 *	700.520 *	757.890 *
-15.0	0.000	20.516	98.941	189.696 *	332.745 *	454.297 *	540.008 *	621.148 *	688.877 *	743.456 *
-17.0	0.000	20.090	97.658	186.797 *	325.986 *	444.921 *	527.077 *	606.862 *	675.586 *	729.136 *
-19.5	0.000	19.488	96.067	182.999 *	316.537 *	432.663 *	512.978 *	591.748 *	655.229 *	708.023 *
-22.5	0.000	18.667	93.799	177.175 *	305.463 *	415.296 *	492.616 *	567.042 *	629.243 *	681.429 *
-25.5	0.000	17.741	91.181	171.207 *	292.532 *	396.310 *	469.151 *	539.935 *	599.560 *	648.843 *
-29.0	0.000	16.656	87.906	162.609 *	271.059 *	372.993 *	440.038 *	507.934 *	562.826 *	610.334 *
-33.0	0.000	15.282	84.073	152.102 *	247.210 *	344.227 *	405.263 *	465.359 *	516.782 *	559.038 *
-37.5	0.000	13.824	78.773	141.100 *	224.421 *	310.426 *	363.879 *	417.054 *	462.574 *	502.233 *
-42.5	0.000	11.409	72.543	128.498 *	200.701 *	262.051 *	317.307 *	362.462 *	401.351 *	434.449 *
-47.5	0.000	9.011	65.708	116.447 *	173.285 *	224.743 *	261.258 *	308.930 *	340.634 *	368.051 *
-55.0	0.000	5.026	55.711	93.573	135.844 *	171.496 *	196.595 *	222.465 *	245.120 *	266.926 *
-65.0	0.000	0.543	30.623	65.553	92.070	110.937 *	122.957 *	136.531 *	148.985 *	159.541 *
-75.0	0.000	0.000	12.428	29.588	54.803	61.987	68.823	74.536	79.807	84.344
-85.0	0.000	0.000	0.000	0.502	3.343	6.281	8.428	11.020	12.773	14.393
-90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	15.710	16.862	17.706	18.346	18.813	19.239	20.373	20.467	20.562	20.656
75.0	87.841	90.515	93.000	94.824	96.282	97.271	98.281	99.143	99.859 *	100.859 *
65.0	168.383 *	174.451 *	180.006 *	184.545 *	187.876 *	190.831 *	193.429 *	195.491 *	197.196 *	198.543 *
55.0	288.291 *	301.346 *	310.573 *	319.412 *	325.943 *	331.323 *	336.280 *	340.676 *	343.623 *	345.851 *
47.5	388.959 *	407.076 *	422.408 *	434.045 *	442.928 *	450.000 *	456.019 *	461.089 *	465.397 *	468.905 *
42.5	460.737 *	482.854 *	500.713 *	514.142 *	525.051 *	533.153 *	540.835 *	547.416 *	552.109 *	555.497 *
37.5	532.796 *	556.437 *	579.597 *	592.651 *	605.531 *	614.992 *	623.411 *	630.609 *	636.693 *	640.655 *
33.0	594.092 *	620.793 *	644.630 *	662.106 *	674.135 *	684.732 *	694.452 *	703.954 *	708.749 *	713.625 *
29.0	645.710 *	675.600 *	699.089 *	718.597 *	731.474 *	743.757 *	752.855 *	760.870 *	767.747 *	772.950 *
25.5	687.681 *	715.961 *	743.737 *	762.688 *	776.843 *	788.831 *	799.029 *	808.097 *	814.863 *	819.435 *
22.5	719.363 *	750.303 *	778.126 *	797.712 *	812.472 *	823.917 *	834.769 *	843.219 *	851.279 *	856.371 *
19.5	749.233 *	780.942 *	808.036 *	828.752 *	842.726 *	856.287 *	866.836 *	875.349 *	882.863 *	888.017 *
17.0	770.866 *	802.977 *	831.242 *	851.424 *	866.351 *	878.859 *	890.033 *	899.320 *	905.826 *	911.395 *
15.0	786.206 *	819.122 *	847.158 *	868.222 *	883.757 *	895.755 *	906.501 *	915.604 *	923.255 *	928.078 *
13.0	800.343 *	832.863 *	862.237 *	882.569 *	897.626 *	909.504 *	920.971 *	930.357 *	937.505 *	942.555 *
11.0	812.650 *	845.989 *	874.502 *	895.607 *	910.077 *	922.702 *	933.586 *	942.802 *	950.513 *	956.119 *
9.0	821.929 *	855.193 *	885.217 *	906.476 *	920.815 *	933.665 *	944.391 *	953.921 *	960.946 *	966.659 *
7.0	829.526 *	864.186 *	893.563 *	914.694 *	929.950 *	942.281 *	953.516 *	962.460 *	970.058 *	975.709 *
5.0	835.457 *	869.869 *	899.573 *	920.846 *	935.743 *	948.748 *	960.401 *	969.265 *	976.905 *	982.434 *
3.0	839.767 *	873.834 *	903.728 *	924.975 *	939.830 *	952.946 *	964.363 *	973.329 *	981.069 *	986.482 *
1.0	842.378 *	876.428 *	906.165 *	927.388 *	942.559 *	955.354 *	966.398 *	975.629 *	983.288 *	988.810 *
0.0	842.701 *	876.740 *	906.355 *	927.638 *	942.830 *	955.522 *	966.548 *	975.971 *	983.343 *	988.664 *
-1.0	842.378 *	876.428 *	906.165 *	927.388 *	942.559 *	955.354 *	966.398 *	975.872 *	983.288 *	988.810 *
-3.0	839.767 *	873.834 *	903.728 *	924.975 *	939.830 *	952.946 *	964.363 *	973.353 *	981.069 *	986.482 *
-5.0	835.457 *	869.869 *	899.573 *	920.846 *	935.743 *	948.748 *	960.401 *	969.265 *	976.905 *	982.434 *
-7.0	829.526 *	864.186 *	893.563 *	914.694 *	929.950 *	942.281 *	953.516 *	962.460 *	970.058 *	975.709 *
-9.0	821.929 *	855.193 *	885.217 *	906.476 *	920.815 *	933.665 *	944.391 *	953.921 *	960.946 *	966.659 *
-11.0	812.650 *	845.989 *	874.502 *	895.607 *	910.077 *	922.702 *	933.586 *	942.802 *	950.513 *	956.119 *
-13.0	800.343 *	832.863 *	862.237 *	882.569 *	897.626 *	909.504 *	920.971 *	930.357 *	937.505 *	942.555 *
-15.0	786.206 *	819.122 *	847.158 *	868.222 *	883.757 *	895.755 *	906.501 *	915.604 *	923.255 *	928.078 *
-17.0	770.866 *	802.977 *	831.242 *	851.424 *	866.351 *	878.859 *	890.033 *	899.320 *	905.826 *	911.395 *
-19.5	749.233 *	780.942 *	808.036 *	828.752 *	842.726 *	856.287 *	866.836 *	875.349 *	882.863 *	888.017 *
-22.5	719.363 *	750.303 *	778.126 *	797.712 *	812.472 *	823.917 *	834.769 *	843.220 *	851.279 *	856.371 *
-25.5	687.681 *	715.961 *	743.737 *	762.688 *	776.843 *	788.831 *	799.029 *	808.097 *	814.863 *	819.435 *
-29.0	645.710 *	675.600 *	699.089 *	718.597 *	731.474 *	743.757 *	752.855 *	760.870 *	767.747 *	772.950 *
-33.0	594.092 *	620.793 *	644.630 *	662.106 *	674.135 *	684.733 *	694.452 *	703.954 *	708.749 *	713.625 *
-37.5	532.796 *	556.437 *	579.597 *	592.651 *	605.531 *	614.992 *	623.411 *	630.609 *	636.693 *	640.655 *
-42.5	460.737 *	482.854 *	500.713 *	514.142 *	525.051 *	533.153 *	540.835 *	547.416 *	552.109 *	555.497 *
-47.5	388.959 *	407.076 *	422.408 *	434.048 *	442.928 *	450.000 *	456.019 *	461.089 *	465.397 *	468.905 *
-55.0	288.291 *	301.346 *	310.573 *	319.412 *	325.943 *	331.323 *	336.280 *	340.676 *	343.623 *	345.851 *
-65.0	168.383 *	174.451 *	180.006 *	184.545 *	187.876 *	190.831 *	193.429 *	195.491 *	197.196 *	198.543 *
-75.0	87.841	90.515	93.000	94.824	96.282	97.271	98.281	99.143	99.859 *	100.859 *
-85.0	15.710	16.855	17.706	18.346	18.813	19.239	20.373	20.467	20.562	20.656
-90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	20.750	20.844	20.891	20.844	20.750	20.656	20.562	20.467	20.373	19.239
75.0	101.013 *	101.168 *	101.245 *	101.168 *	101.013 *	100.859 *	99.859 *	99.143	98.281	97.271
65.0	199.940 *	200.187 *	200.310 *	200.187 *	199.940 *	198.543 *	197.196 *	195.491 *	193.429 *	190.831 *

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CANDELA TABULATION - (Cont.)

55.0	348.165	* 348.237	* 348.273	* 348.237	* 348.165	* 345.851	* 343.623	* 340.676	* 336.280	* 331.323	*
47.5	472.628	* 472.631	* 472.633	* 472.631	* 472.628	* 468.905	* 465.397	* 461.089	* 456.019	* 450.000	*
42.5	559.136	* 558.947	* 558.852	* 558.947	* 559.136	* 555.497	* 552.109	* 547.416	* 540.835	* 533.153	*
37.5	643.864	* 645.528	* 645.391	* 645.528	* 643.864	* 640.655	* 636.693	* 630.609	* 623.411	* 614.992	*
33.0	717.335	* 719.497	* 719.430	* 719.497	* 717.335	* 713.625	* 708.749	* 703.954	* 694.452	* 684.733	*
29.0	776.064	* 777.743	* 777.636	* 777.743	* 776.064	* 772.950	* 767.747	* 760.870	* 752.855	* 743.757	*
25.5	822.858	* 824.594	* 824.431	* 824.594	* 822.858	* 819.435	* 814.863	* 808.097	* 799.029	* 788.831	*
22.5	859.459	* 860.967	* 860.650	* 860.967	* 859.459	* 856.371	* 851.279	* 843.220	* 834.769	* 823.917	*
19.5	891.800	* 893.830	* 893.599	* 893.830	* 891.800	* 888.017	* 882.863	* 875.349	* 866.836	* 856.287	*
17.0	915.023	* 916.704	* 916.484	* 916.704	* 915.023	* 911.395	* 905.826	* 899.320	* 890.033	* 878.859	*
15.0	931.794	* 933.968	* 933.791	* 933.968	* 931.794	* 928.078	* 923.255	* 915.604	* 906.501	* 895.755	*
13.0	946.543	* 948.578	* 948.407	* 948.578	* 946.543	* 942.555	* 937.505	* 930.357	* 920.971	* 909.504	*
11.0	959.292	* 961.305	* 961.163	* 961.305	* 959.292	* 956.119	* 950.513	* 942.802	* 933.586	* 922.702	*
9.0	969.828	* 970.989	* 971.676	* 971.984	* 969.927	* 966.659	* 960.946	* 953.921	* 944.391	* 933.665	*
7.0	978.719	* 981.024	* 980.907	* 981.024	* 978.719	* 975.709	* 970.058	* 962.460	* 953.516	* 942.281	*
5.0	985.606	* 987.719	* 987.638	* 987.719	* 985.606	* 982.434	* 976.905	* 969.265	* 960.401	* 948.748	*
3.0	990.228	* 991.804	* 992.125	* 991.804	* 990.229	* 986.482	* 981.069	* 973.353	* 964.363	* 952.946	*
1.0	992.302	* 994.189	* 994.433	* 994.189	* 992.302	* 988.810	* 983.288	* 975.872	* 966.398	* 955.354	*
0.0	992.510	* 994.433	* 994.625	* 994.433	* 992.510	* 988.664	* 983.343	* 975.971	* 966.548	* 955.522	*
-1.0	992.302	* 994.189	* 994.433	* 994.189	* 992.302	* 988.810	* 983.288	* 976.309	* 966.398	* 955.354	*
-3.0	990.229	* 991.804	* 992.125	* 991.804	* 990.228	* 986.482	* 981.069	* 973.397	* 964.363	* 952.946	*
-5.0	985.606	* 987.719	* 987.638	* 987.719	* 985.606	* 982.434	* 976.905	* 969.265	* 960.401	* 948.748	*
-7.0	978.719	* 981.024	* 980.907	* 981.024	* 978.719	* 975.709	* 970.058	* 962.460	* 953.516	* 942.281	*
-9.0	969.927	* 971.984	* 971.676	* 972.911	* 970.019	* 966.659	* 960.946	* 953.921	* 944.391	* 933.665	*
-11.0	959.292	* 961.305	* 961.163	* 961.305	* 959.292	* 956.119	* 950.513	* 942.802	* 933.586	* 922.702	*
-13.0	946.543	* 948.578	* 948.407	* 948.578	* 946.543	* 942.555	* 937.505	* 930.357	* 920.971	* 909.504	*
-15.0	931.794	* 933.968	* 933.791	* 933.968	* 931.794	* 928.078	* 923.255	* 915.604	* 906.501	* 895.755	*
-17.0	915.023	* 916.704	* 916.484	* 916.704	* 915.023	* 911.395	* 905.826	* 899.320	* 890.033	* 878.859	*
-19.5	891.800	* 893.830	* 893.599	* 893.830	* 891.800	* 888.017	* 882.863	* 875.349	* 866.836	* 856.287	*
-22.5	859.459	* 860.967	* 860.650	* 860.967	* 859.459	* 856.371	* 851.279	* 843.219	* 834.769	* 823.917	*
-25.5	822.858	* 824.594	* 824.431	* 824.594	* 822.858	* 819.435	* 814.863	* 808.097	* 799.029	* 788.831	*
-29.0	776.064	* 777.743	* 777.636	* 777.743	* 776.064	* 772.950	* 767.747	* 760.870	* 752.855	* 743.757	*
-33.0	717.335	* 719.497	* 719.430	* 719.497	* 717.335	* 713.625	* 708.749	* 703.954	* 694.452	* 684.733	*
-37.5	643.864	* 645.528	* 645.391	* 645.528	* 643.864	* 640.655	* 636.693	* 630.609	* 623.411	* 614.992	*
-42.5	559.136	* 558.947	* 558.852	* 558.947	* 559.136	* 555.497	* 552.109	* 547.416	* 540.835	* 533.153	*
-47.5	472.628	* 472.631	* 472.633	* 472.631	* 472.628	* 468.905	* 465.397	* 461.089	* 456.019	* 450.000	*
-55.0	348.165	* 348.237	* 348.273	* 348.237	* 348.165	* 345.851	* 343.623	* 340.676	* 336.280	* 331.323	*
-65.0	199.940	* 200.187	* 200.310	* 200.187	* 199.940	* 198.543	* 197.196	* 195.491	* 193.429	* 190.831	*
-75.0	101.013	* 101.168	* 101.245	* 101.168	* 101.013	* 100.859	* 99.859	* 99.143	* 98.281	* 97.271	*
-85.0	20.750	* 20.844	* 20.891	* 20.844	* 20.750	* 20.656	* 20.562	* 20.467	* 20.373	* 19.239	*
-90.0	0.000	* 0.000	* 0.000	* 0.000	* 0.000	* 0.000	* 0.000	* 0.000	* 0.000	* 0.000	*

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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	18.813	18.346	17.706	16.855	15.710	14.393	12.773	11.020	8.428	6.281
75.0	96.282	94.824	93.000	90.515	87.841	84.344	79.807	74.536	68.823	61.987
65.0	187.876	* 184.545	* 180.006	* 174.451	* 168.383	* 159.541	* 148.985	* 136.531	* 122.957	* 110.937
55.0	325.943	* 319.412	* 310.573	* 301.346	* 288.291	* 266.926	* 245.120	* 222.465	* 196.595	* 171.496
47.5	442.928	* 434.048	* 422.408	* 407.076	* 388.959	* 368.051	* 340.634	* 308.930	* 261.258	* 224.743
42.5	525.051	* 514.142	* 500.713	* 482.854	* 460.737	* 434.449	* 401.351	* 362.462	* 317.307	* 262.051
37.5	605.531	* 592.651	* 579.597	* 556.437	* 532.796	* 502.233	* 462.574	* 417.054	* 363.879	* 310.426
33.0	674.135	* 662.106	* 644.630	* 620.793	* 594.092	* 559.038	* 516.782	* 465.359	* 405.263	* 344.227
29.0	731.474	* 718.597	* 699.089	* 675.600	* 645.710	* 610.334	* 562.826	* 507.934	* 440.038	* 372.993
25.5	776.843	* 762.688	* 743.737	* 715.961	* 687.681	* 648.843	* 599.560	* 539.935	* 469.151	* 396.310

IES FLOOD REPORT
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CANDELA TABULATION - (Cont.)

22.5	812.472	* 797.712	* 778.126	* 750.303	* 719.363	* 681.429	* 629.243	* 567.042	* 492.616	* 415.296	*
19.5	842.726	* 828.752	* 808.036	* 780.942	* 749.233	* 708.023	* 655.229	* 591.748	* 512.978	* 432.663	*
17.0	866.351	* 851.424	* 831.242	* 802.977	* 770.866	* 729.136	* 675.586	* 606.862	* 527.077	* 444.921	*
15.0	883.757	* 868.222	* 847.158	* 819.122	* 786.206	* 743.456	* 688.877	* 621.148	* 540.008	* 454.297	*
13.0	897.626	* 882.569	* 862.237	* 832.863	* 800.343	* 757.890	* 700.520	* 631.592	* 549.049	* 462.491	*
11.0	910.077	* 895.607	* 874.502	* 845.989	* 812.650	* 768.763	* 712.798	* 641.050	* 556.820	* 469.361	*
9.0	920.815	* 906.476	* 885.217	* 855.193	* 821.929	* 777.471	* 721.704	* 648.865	* 564.394	* 475.446	*
7.0	929.950	* 914.694	* 893.563	* 864.186	* 829.526	* 784.839	* 727.414	* 656.067	* 570.226	* 480.446	*
5.0	935.743	* 920.846	* 899.573	* 869.869	* 835.457	* 790.831	* 733.150	* 660.713	* 574.425	* 484.482	*
3.0	939.830	* 924.975	* 903.728	* 873.834	* 839.767	* 794.943	* 737.718	* 664.712	* 578.803	* 488.791	*
1.0	942.559	* 927.388	* 906.165	* 876.428	* 842.378	* 797.653	* 740.799	* 667.254	* 579.220	* 489.216	*
0.0	942.830	* 927.638	* 906.355	* 876.740	* 842.701	* 798.085	* 741.225	* 667.571	* 579.429	* 489.428	*
-1.0	942.559	* 927.388	* 906.165	* 876.428	* 842.378	* 797.653	* 740.799	* 667.254	* 579.220	* 489.216	*
-3.0	939.830	* 924.975	* 903.728	* 873.834	* 839.767	* 794.943	* 737.718	* 664.712	* 578.803	* 488.791	*
-5.0	935.743	* 920.846	* 899.573	* 869.869	* 835.457	* 790.831	* 733.150	* 660.713	* 574.425	* 484.482	*
-7.0	929.950	* 914.694	* 893.563	* 864.186	* 829.526	* 784.839	* 727.414	* 656.067	* 570.226	* 480.446	*
-9.0	920.815	* 906.476	* 885.217	* 855.193	* 821.929	* 777.471	* 721.704	* 648.865	* 564.394	* 475.446	*
-11.0	910.077	* 895.607	* 874.502	* 845.989	* 812.650	* 768.763	* 712.798	* 641.050	* 556.820	* 469.361	*
-13.0	897.626	* 882.569	* 862.237	* 832.863	* 800.343	* 757.890	* 700.520	* 631.592	* 549.049	* 462.491	*
-15.0	883.757	* 868.222	* 847.158	* 819.122	* 786.206	* 743.456	* 688.877	* 621.148	* 540.008	* 454.297	*
-17.0	866.351	* 851.424	* 831.242	* 802.977	* 770.866	* 729.136	* 675.586	* 606.862	* 527.077	* 444.921	*
-19.5	842.726	* 828.752	* 808.036	* 780.942	* 749.233	* 708.023	* 655.229	* 591.748	* 512.978	* 432.663	*
-22.5	812.472	* 797.712	* 778.126	* 750.303	* 719.363	* 681.429	* 629.243	* 567.042	* 492.616	* 415.296	*
-25.5	776.843	* 762.688	* 743.737	* 715.961	* 687.681	* 648.843	* 599.560	* 539.935	* 469.151	* 396.310	*
-29.0	731.474	* 718.597	* 699.089	* 675.600	* 645.710	* 610.334	* 562.826	* 507.934	* 440.038	* 372.993	*
-33.0	674.135	* 662.106	* 644.630	* 620.793	* 594.092	* 559.038	* 516.782	* 465.359	* 405.263	* 344.227	*
-37.5	605.531	* 592.651	* 579.597	* 556.437	* 532.796	* 502.233	* 462.574	* 417.054	* 363.879	* 310.426	*
-42.5	525.051	* 514.142	* 500.713	* 482.854	* 460.737	* 434.449	* 401.351	* 362.462	* 317.307	* 262.051	*
-47.5	442.928	* 434.045	* 422.408	* 407.076	* 388.959	* 368.051	* 340.634	* 308.930	* 261.258	* 224.743	*
-55.0	325.943	* 319.412	* 310.573	* 301.346	* 288.291	* 266.926	* 245.120	* 222.465	* 196.595	* 171.496	*
-65.0	187.876	* 184.545	* 180.006	* 174.451	* 168.383	* 159.541	* 148.985	* 136.531	* 122.957	* 110.937	*
-75.0	96.282	94.824	93.000	90.515	87.841	84.344	79.807	74.536	68.823	61.987	
-85.0	18.813	18.346	17.706	16.862	15.710	14.393	12.773	11.020	8.428	6.281	
-90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

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	0.000	0.000	0.000	0.000	0.000
85.0	3.343	0.502	0.000	0.000	0.000
75.0	54.803	29.588	12.428	0.000	0.000
65.0	92.070	65.553	30.623	0.543	0.000
55.0	135.844	* 93.573	55.711	5.026	0.000
47.5	173.285	* 116.447	* 65.708	9.011	0.000
42.5	200.701	* 128.498	* 72.543	11.409	0.000
37.5	224.421	* 141.100	* 78.773	13.824	0.000
33.0	247.210	* 152.102	* 84.073	15.282	0.000
29.0	271.059	* 162.609	* 87.906	16.656	0.000
25.5	292.532	* 171.207	* 91.181	17.741	0.000
22.5	305.463	* 177.175	* 93.799	18.667	0.000
19.5	316.537	* 182.999	* 96.067	19.488	0.000
17.0	325.986	* 186.797	* 97.658	20.090	0.000
15.0	332.745	* 189.696	* 98.941	20.516	0.000
13.0	338.497	* 192.294	* 99.919	* 20.892	0.000
11.0	343.393	* 194.524	* 100.926	* 22.014	0.000
9.0	347.884	* 196.656	* 101.767	* 22.026	0.000

**IES FLOOD REPORT
PHOTOMETRIC FILENAME :**

CANDELA TABULATION - (Cont.)

7.0	351.246 *	198.370 *	102.443 *	22.039	0.000
5.0	353.815 *	199.659 *	103.454 *	22.052	0.000
3.0	356.468 *	201.010 *	103.483 *	22.065	0.000
1.0	356.688 *	201.001 *	103.512 *	22.084	0.000
0.0	356.798 *	200.996 *	103.527 *	22.084	0.000
-1.0	356.688 *	201.001 *	103.512 *	22.078	0.000
-3.0	356.468 *	201.010 *	103.483 *	22.065	0.000
-5.0	353.815 *	199.659 *	103.454 *	22.052	0.000
-7.0	351.246 *	198.370 *	102.443 *	22.039	0.000
-9.0	347.884 *	196.656 *	101.767 *	22.026	0.000
-11.0	343.393 *	194.524 *	100.926 *	22.014	0.000
-13.0	338.497 *	192.294 *	99.919 *	20.892	0.000
-15.0	332.745 *	189.696 *	98.941	20.516	0.000
-17.0	325.986 *	186.797 *	97.658	20.090	0.000
-19.5	316.537 *	182.999 *	96.067	19.488	0.000
-22.5	305.463 *	177.175 *	93.799	18.667	0.000
-25.5	292.532 *	171.207 *	91.181	17.741	0.000
-29.0	271.059 *	162.609 *	87.906	16.656	0.000
-33.0	247.210 *	152.102 *	84.073	15.282	0.000
-37.5	224.421 *	141.100 *	78.773	13.824	0.000
-42.5	200.701 *	128.498 *	72.543	11.409	0.000
-47.5	173.285 *	116.447 *	65.708	9.011	0.000
-55.0	135.844 *	93.573	55.711	5.026	0.000
-65.0	92.070	65.553	30.623	0.543	0.000
-75.0	54.803	29.588	12.428	0.000	0.000
-85.0	3.343	0.502	0.000	0.000	0.000
-90.0	0.000	0.000	0.000	0.000	0.000

IES FLOOD REPORT
PHOTOMETRIC FILENAME :

LUMEN TABULATION

Average Of Right And Left Sides

Total Luminaire Lumens (one side of beam only) = 1113.2

Total Field Lumens (one side of beam only) = 1080.21

* 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	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
75	0.19	0.37	0.37	0.37	0.37	0.36	0.36	0.35	0.34	0.33	0.40
65	0.46 *	0.92 *	0.91 *	0.90 *	0.89 *	0.88 *	0.86 *	0.85 *	0.83 *	0.83 *	1.00 *
55	0.84 *	1.67 *	1.66 *	1.64 *	1.62 *	1.60 *	1.57 *	1.53 *	1.49 *	1.49 *	1.80 *
47.5	0.94 *	1.87 *	1.86 *	1.84 *	1.82 *	1.79 *	1.76 *	1.72 *	1.67 *	1.67 *	2.02 *
42.5	0.79 *	1.57 *	1.56 *	1.55 *	1.53 *	1.50 *	1.47 *	1.44 *	1.40 *	1.40 *	1.69 *
37.5	0.92 *	1.83 *	1.82 *	1.81 *	1.78 *	1.76 *	1.72 *	1.68 *	1.64 *	1.64 *	1.98 *
33	0.94 *	1.87 *	1.86 *	1.84 *	1.82 *	1.79 *	1.75 *	1.72 *	1.67 *	1.67 *	2.02 *
29	0.91 *	1.82 *	1.81 *	1.80 *	1.77 *	1.75 *	1.71 *	1.68 *	1.63 *	1.63 *	1.97 *
25.5	0.85 *	1.71 *	1.70 *	1.68 *	1.66 *	1.64 *	1.61 *	1.57 *	1.53 *	1.53 *	1.85 *
22.5	0.77 *	1.54 *	1.53 *	1.52 *	1.50 *	1.48 *	1.45 *	1.42 *	1.38 *	1.38 *	1.67 *
19.5	0.80 *	1.60 *	1.59 *	1.58 *	1.56 *	1.54 *	1.51 *	1.48 *	1.44 *	1.44 *	1.74 *
17	0.69 *	1.38 *	1.37 *	1.36 *	1.34 *	1.32 *	1.30 *	1.27 *	1.24 *	1.24 *	1.50 *
15	0.56 *	1.13 *	1.12 *	1.11 *	1.10 *	1.08 *	1.06 *	1.04 *	1.02 *	1.02 *	1.23 *
13	0.57 *	1.14 *	1.14 *	1.13 *	1.12 *	1.10 *	1.08 *	1.06 *	1.03 *	1.03 *	1.25 *
11	0.58 *	1.16 *	1.16 *	1.15 *	1.13 *	1.12 *	1.10 *	1.08 *	1.05 *	1.05 *	1.27 *
9	0.59 *	1.18 *	1.17 *	1.16 *	1.15 *	1.13 *	1.11 *	1.09 *	1.06 *	1.06 *	1.29 *
7	0.59 *	1.19 *	1.18 *	1.17 *	1.16 *	1.14 *	1.12 *	1.10 *	1.08 *	1.08 *	1.30 *
5	0.60 *	1.20 *	1.19 *	1.18 *	1.17 *	1.15 *	1.13 *	1.11 *	1.08 *	1.08 *	1.31 *
3	0.60 *	1.20 *	1.20 *	1.19 *	1.18 *	1.16 *	1.14 *	1.12 *	1.09 *	1.09 *	1.32 *
1	0.61 *	1.21 *	1.20 *	1.19 *	1.18 *	1.16 *	1.14 *	1.12 *	1.09 *	1.09 *	1.32 *
0	0.30 *	0.60 *	0.60 *	0.60 *	0.59 *	0.58 *	0.57 *	0.56 *	0.55 *	0.55 *	0.66 *
-1	0.30 *	0.60 *	0.60 *	0.60 *	0.59 *	0.58 *	0.57 *	0.56 *	0.55 *	0.55 *	0.66 *
-3	0.61 *	1.21 *	1.20 *	1.19 *	1.18 *	1.16 *	1.14 *	1.12 *	1.09 *	1.09 *	1.32 *
	0.60 *	1.20 *	1.20 *	1.19 *	1.18 *	1.16 *	1.14 *	1.12 *	1.09 *	1.09 *	1.32 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : '

LUMENS TABULATION - (Cont.)

-5	0.60 *	1.20 *	1.19 *	1.18 *	1.17 *	1.15 *	1.13 *	1.11 *	1.08 *	1.31 *
-7	0.59 *	1.19 *	1.18 *	1.17 *	1.16 *	1.14 *	1.12 *	1.10 *	1.08 *	1.30 *
-9	0.59 *	1.18 *	1.17 *	1.16 *	1.15 *	1.13 *	1.11 *	1.09 *	1.06 *	1.29 *
-11	0.58 *	1.16 *	1.16 *	1.15 *	1.13 *	1.12 *	1.10 *	1.08 *	1.05 *	1.27 *
-13	0.57 *	1.14 *	1.14 *	1.13 *	1.12 *	1.10 *	1.08 *	1.06 *	1.03 *	1.25 *
-15	0.56 *	1.13 *	1.12 *	1.11 *	1.10 *	1.08 *	1.06 *	1.04 *	1.02 *	1.23 *
-17	0.69 *	1.38 *	1.37 *	1.36 *	1.34 *	1.32 *	1.30 *	1.27 *	1.24 *	1.50 *
-19.5	0.80 *	1.60 *	1.59 *	1.58 *	1.56 *	1.54 *	1.51 *	1.48 *	1.44 *	1.74 *
-22.5	0.77 *	1.54 *	1.53 *	1.52 *	1.50 *	1.48 *	1.45 *	1.42 *	1.38 *	1.67 *
-25.5	0.85 *	1.71 *	1.70 *	1.68 *	1.66 *	1.64 *	1.61 *	1.57 *	1.53 *	1.85 *
-29	0.91 *	1.82 *	1.81 *	1.80 *	1.77 *	1.75 *	1.71 *	1.68 *	1.63 *	1.97 *
-33	0.94 *	1.87 *	1.86 *	1.84 *	1.82 *	1.79 *	1.75 *	1.72 *	1.67 *	2.02 *
-37.5	0.92 *	1.83 *	1.82 *	1.81 *	1.78 *	1.76 *	1.72 *	1.68 *	1.64 *	1.98 *
-42.5	0.79 *	1.57 *	1.56 *	1.55 *	1.53 *	1.50 *	1.47 *	1.44 *	1.40 *	1.69 *
-47.5	0.94 *	1.87 *	1.86 *	1.84 *	1.82 *	1.79 *	1.76 *	1.72 *	1.67 *	2.02 *
-55	0.84 *	1.67 *	1.66 *	1.64 *	1.62 *	1.60 *	1.57 *	1.53 *	1.49 *	1.80 *
-65	0.46 *	0.92 *	0.91 *	0.90 *	0.89 *	0.88 *	0.86 *	0.85 *	0.83 *	1.00 *
-75	0.19	0.37	0.37	0.37	0.36	0.36	0.35	0.34	0.33	0.40
-85	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
-90										
Total	28.22	56.37	56.09	55.61	54.97	54.15	53.16	52.00	50.68	61.26

Vert. Horizontal Angles

Angles	19.5	22.5	25.5	29	33	37.5	42.5	47.5	55	65
90	0.04	0.03	0.04	0.04	0.03	0.03	0.02	0.02	0.01	0.00
85	0.47	0.44	0.48	0.50	0.50	0.47	0.39	0.45	0.34	0.11
75	1.15 *	1.09 *	1.18 *	1.23 *	1.23 *	1.17 *	0.98	1.14	0.92	0.36
65	2.06 *	1.95 *	2.09 *	2.14 *	2.11 *	1.98 *	1.62 *	1.82 *	1.47	0.64
55	2.31 *	2.17 *	2.33 *	2.39 *	2.34 *	2.16 *	1.72 *	1.89 *	1.48 *	0.65
47.5	1.93 *	1.82 *	1.96 *	2.02 *	1.98 *	1.82 *	1.43 *	1.54 *	1.18 *	0.50

LUMENS TABULATION - (Cont.)

42.5	2.26 *	2.12 *	2.29 *	2.35 *	2.30 *	2.13 *	1.69 *	1.78 *	1.32 *	0.55 *
37.5	2.30 *	2.16 *	2.33 *	2.40 *	2.34 *	2.17 *	1.72 *	1.81 *	1.31 *	0.53 *
33	2.25 *	2.12 *	2.28 *	2.35 *	2.30 *	2.12 *	1.68 *	1.77 *	1.27 *	0.51 *
29	2.12 *	1.99 *	2.15 *	2.21 *	2.16 *	2.00 *	1.58 *	1.67 *	1.19 *	0.47 *
25.5	1.91 *	1.80 *	1.95 *	2.00 *	1.96 *	1.81 *	1.43 *	1.51 *	1.08 *	0.42 *
22.5	1.99 *	1.88 *	2.03 *	2.09 *	2.05 *	1.89 *	1.50 *	1.58 *	1.12 *	0.43 *
19.5	1.72 *	1.62 *	1.75 *	1.81 *	1.77 *	1.63 *	1.29 *	1.36 *	0.96 *	0.37 *
17	1.41 *	1.33 *	1.44 *	1.48 *	1.45 *	1.34 *	1.06 *	1.11 *	0.79 *	0.30 *
15	1.43 *	1.35 *	1.46 *	1.51 *	1.48 *	1.37 *	1.08 *	1.13 *	0.80 *	0.30 *
13	1.46 *	1.37 *	1.49 *	1.53 *	1.50 *	1.39 *	1.10 *	1.15 *	0.81 *	0.31 *
11	1.48 *	1.39 *	1.51 *	1.56 *	1.52 *	1.41 *	1.11 *	1.17 *	0.82 *	0.31 *
9	1.49 *	1.41 *	1.52 *	1.57 *	1.54 *	1.42 *	1.13 *	1.18 *	0.83 *	0.31 *
7	1.50 *	1.42 *	1.54 *	1.59 *	1.55 *	1.44 *	1.14 *	1.19 *	0.84 *	0.31 *
5	1.51 *	1.43 *	1.55 *	1.60 *	1.56 *	1.45 *	1.14 *	1.20 *	0.84 *	0.32 *
3	1.52 *	1.43 *	1.55 *	1.60 *	1.57 *	1.45 *	1.15 *	1.21 *	0.85 *	0.32 *
1	0.76 *	0.72 *	0.78 *	0.80 *	0.79 *	0.73 *	0.58 *	0.60 *	0.42 *	0.16 *
0	0.76 *	0.72 *	0.78 *	0.80 *	0.79 *	0.73 *	0.58 *	0.60 *	0.42 *	0.16 *
-1	1.52 *	1.43 *	1.55 *	1.60 *	1.57 *	1.45 *	1.15 *	1.21 *	0.85 *	0.32 *
-3	1.51 *	1.43 *	1.55 *	1.60 *	1.56 *	1.45 *	1.14 *	1.20 *	0.84 *	0.32 *
-5	1.50 *	1.42 *	1.54 *	1.59 *	1.55 *	1.44 *	1.14 *	1.19 *	0.84 *	0.31 *
-7	1.49 *	1.41 *	1.52 *	1.57 *	1.54 *	1.42 *	1.13 *	1.18 *	0.83 *	0.31 *
-9	1.48 *	1.39 *	1.51 *	1.56 *	1.52 *	1.41 *	1.11 *	1.17 *	0.82 *	0.31 *
-11	1.46 *	1.37 *	1.49 *	1.53 *	1.50 *	1.39 *	1.10 *	1.15 *	0.81 *	0.31 *
-13	1.43 *	1.35 *	1.46 *	1.51 *	1.48 *	1.37 *	1.08 *	1.13 *	0.80 *	0.30 *
-15	1.41 *	1.33 *	1.44 *	1.48 *	1.45 *	1.34 *	1.06 *	1.11 *	0.79 *	0.30 *
-17	1.72 *	1.62 *	1.75 *	1.81 *	1.77 *	1.63 *	1.29 *	1.36 *	0.96 *	0.37 *
-19.5	1.99 *	1.88 *	2.03 *	2.09 *	2.05 *	1.89 *	1.50 *	1.58 *	1.12 *	0.43 *
-22.5	1.91 *	1.80 *	1.95 *	2.00 *	1.96 *	1.81 *	1.43 *	1.51 *	1.08 *	0.42 *

LUMENS TABULATION - (Cont.)

-25.5	2.12 *	1.99 *	2.15 *	2.21 *	2.16 *	2.00 *	1.58 *	1.67 *	1.19 *	0.47 *
-29	2.25 *	2.12 *	2.28 *	2.35 *	2.30 *	2.12 *	1.68 *	1.77 *	1.27 *	0.51 *
-33	2.30 *	2.16 *	2.33 *	2.40 *	2.34 *	2.17 *	1.72 *	1.81 *	1.31 *	0.53 *
-37.5	2.26 *	2.12 *	2.29 *	2.35 *	2.30 *	2.13 *	1.69 *	1.78 *	1.32 *	0.55 *
-42.5	1.93 *	1.82 *	1.96 *	2.02 *	1.98 *	1.82 *	1.43 *	1.54 *	1.18 *	0.50
-47.5	2.31 *	2.17 *	2.33 *	2.39 *	2.34 *	2.16 *	1.72 *	1.89 *	1.48 *	0.65
-55	2.06 *	1.95 *	2.09 *	2.14 *	2.11 *	1.98 *	1.62 *	1.82 *	1.47	0.64
-65	1.15 *	1.09 *	1.18 *	1.23 *	1.23 *	1.17 *	0.98	1.14	0.92	0.36
-75	0.47	0.44	0.48	0.50	0.50	0.47	0.39	0.45	0.34	0.11
-85	0.04	0.03	0.04	0.04	0.03	0.03	0.02	0.02	0.01	0.00
-90										
Total	70.14	66.06	71.38	73.55	72.11	66.75	53.09	56.58	41.32	16.31

Vert. Angles	Horizontal Angles			Total
	75	85	90	
90	0.00	0.00	0.54	
85	0.02	0.00	7.61	
75	0.06	0.00	19.02	
65	0.12	0.00	33.42	
55	0.13	0.00	36.88	
47.5	0.10	0.00	30.78	
42.5	0.12	0.00	35.84	
37.5	0.11	0.00	36.47	
33	0.11	0.00	35.60	
29	0.10	0.00	33.44	
25.5	0.09	0.00	30.22	
22.5	0.09	0.00	31.51	
19.5	0.08	0.00	27.13	
17	0.06	0.00	22.22	
15	0.06	0.00	22.62	

LUMENS TABULATION - (Cont.)

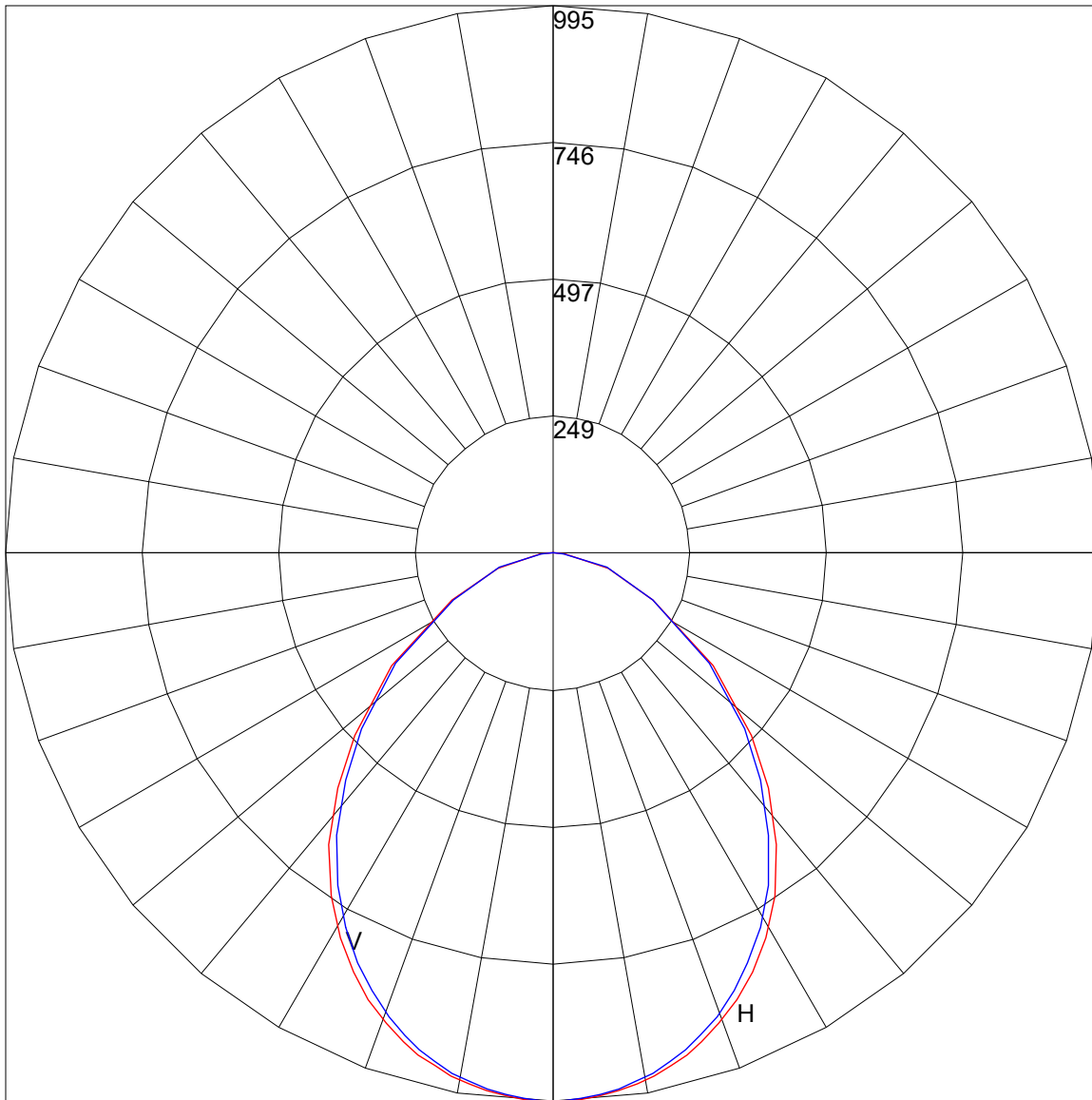
13	0.06	0.00	22.97
11	0.07	0.00	23.27
9	0.07	0.00	23.52
7	0.07	0.00	23.72
5	0.07	0.00	23.87
3	0.07	0.00	23.96
1	0.03	0.00	12.00
0	0.03	0.00	12.00
-1	0.07	0.00	23.96
-3	0.07	0.00	23.87
-5	0.07	0.00	23.72
-7	0.07	0.00	23.52
-9	0.07	0.00	23.27
-11	0.06	0.00	22.97
-13	0.06	0.00	22.62
-15	0.06	0.00	22.22
-17	0.08	0.00	27.13
-19.5	0.09	0.00	31.51
-22.5	0.09	0.00	30.22
-25.5	0.10	0.00	33.44
-29	0.11	0.00	35.60
-33	0.11	0.00	36.47
-37.5	0.12	0.00	35.84
-42.5	0.10	0.00	30.78
-47.5	0.13	0.00	36.88
-55	0.12	0.00	33.42
-65	0.06	0.00	19.02
-75	0.02	0.00	7.61

IES FLOOD REPORT
PHOTOMETRIC FILENAME : |4103.

LUMENS TABULATION - (Cont.)

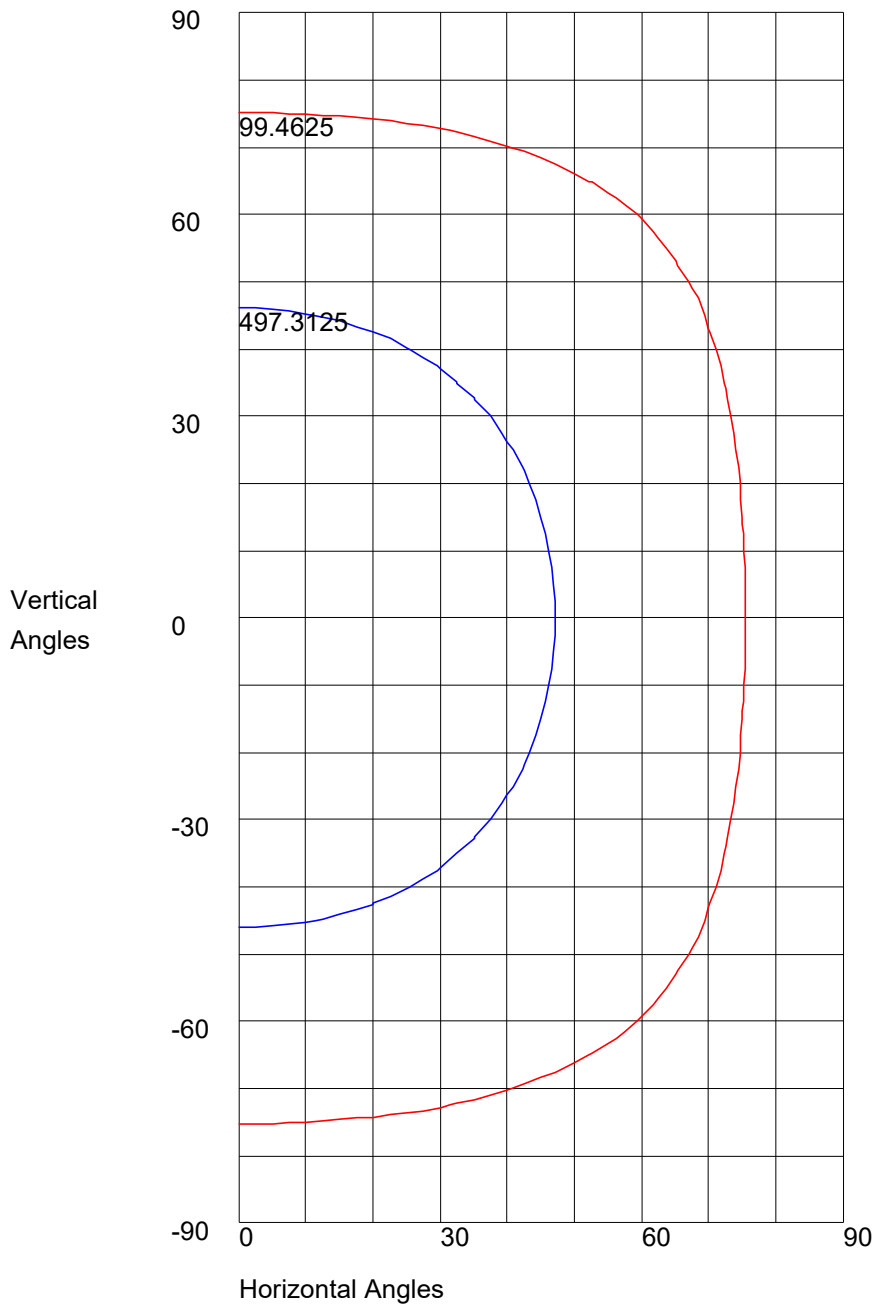
-85	0.00	0.00	0.54
-90			
Total	3.36	0.06	1113.2

AXIAL CANDELA DISPLAY



Maximum Candela = 994.625 Located At Horizontal Angle = 0, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 994.625 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 497.3125
10% Maximum Candela = 99.4625