



IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPL-MJ-50W-LED-XX-PND.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 193035
[TESTLAB] RADIANT IMAGING PROSOURCE
[TESTDATE] 2021-04-05 16:17:58
[ISSUEDATE] 2021-04-05 16:17:58
[MANUFAC] LARSON ELECTRONICS LLC
[LUMCAT] EPL-MJ-50W-LED-XX-PND-50K
[LUMINAIRE] CLASS 1 DIV 1 EXPLOSION PROOF LED MASON JAR FIXTURE
[MORE] PENDANT MOUNT, 5000K
[LAMPPOSITION] 0,0
[OTHER] ZVISION 9107GT SYSTEM

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

CHARACTERISTICS

NEMA Type	7 H x 7 V
Maximum Candela	1102.47
Maximum Candela Angle	42.5H -22.5V
Horizontal Beam Angle (50%)	180.0
Vertical Beam Angle (50%)	180.0
Horizontal Field Angle (10%)	180.0
Vertical Field Angle (10%)	180.0
Lumens Per Lamp	7471 (1 lamp)
Total Lamp Lumens	7471
Beam Lumens	5450
Beam Efficiency	73 %
Field Lumens	5450
Field Efficiency	73 %
Spill Lumens	0
Luminaire Lumens	5450
Total Efficiency	73 %
Total Luminaire Watts	49.9
Ballast Factor	1.00



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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	773.601	90	686.313
85	794.304	85	736.224
75	882.404	75	839.504
65	958.185	65	941.105
55	1042.465	55	1009.925
47.5	1068.885	47.5	1049.265
42.5	1043.725	42.5	973.865
37.5	944.905	37.5	939.965
33	804.364	33	938.685
29	765.584	29	889.424
25.5	609.723	25.5	627.023
22.5	621.803	22.5	629.543
19.5	649.923	19.5	638.243
17	691.203	17	632.563
15	731.864	15	664.943
13	746.764	13	702.684
11	742.324	11	731.304
9	815.184	9	782.644
7	794.104	7	787.524
5	820.664	5	798.944
3	801.504	3	792.624
1	787.084	1	784.084
0	797.424	0	797.424
-1	775.404	-1	788.284
-3	764.144	-3	808.504
-5	755.984	-5	807.664
-7	769.424	-7	778.924
-9	742.164	-9	766.724
-11	731.224	-11	753.584
-13	707.064	-13	761.284
-15	663.403	-15	745.684
-17	661.283	-17	712.544
-19.5	643.423	-19.5	682.983
-22.5	630.083	-22.5	643.583
-25.5	638.443	-25.5	635.643
-29	674.503	-29	646.383
-33	805.184	-33	798.844
-37.5	932.105	-37.5	951.645
-42.5	912.505	-42.5	965.825
-47.5	973.965	-47.5	978.945
-55	985.445	-55	954.045
-65	893.364	-65	914.925
-75	822.584	-75	888.004
-85	754.344	-85	807.064
-90	726.863	-90	778.43

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CANDELA TABULATION

Maximum Candela = 1102.47

Beam Edge = 551.235 Cd (50% of Max.)

Field Edge = 110.247 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	726.727 *	718.199 *	701.111 *	696.989 *	731.760 *	757.836 *	766.571 *	766.658 *	766.736 *	766.804 *
85.0	726.737 *	724.364 *	715.372 *	718.189 *	758.056 *	787.282 *	796.776 *	795.942 *	794.924 *	794.143 *
75.0	726.758 *	731.253 *	731.297 *	756.578 *	811.563 *	848.665 *	863.703 *	863.583 *	863.703 *	864.315 *
65.0	726.779 *	736.613 *	757.617 *	796.273 *	848.486 *	879.911 *	895.398 *	899.902 *	904.491 *	909.960 *
55.0	726.798 *	739.875 *	784.394 *	828.120 *	884.471 *	908.071 *	934.743 *	941.186 *	936.413 *	935.224 *
47.5	726.812 *	742.165 *	794.769 *	852.271 *	895.414 *	941.751 *	932.761 *	947.771 *	971.732 *	978.947 *
42.5	726.820 *	743.777 *	800.162 *	863.304 *	918.244 *	928.459 *	949.044 *	979.556 *	965.816 *	982.213 *
37.5	726.828 *	745.492 *	803.934 *	867.840 *	940.856 *	939.106 *	982.804 *	965.804 *	1001.988 *	1018.198 *
33.0	726.834 *	746.931 *	807.464 *	874.342 *	932.264 *	967.182 *	982.522 *	973.063 *	997.139 *	988.921 *
29.0	726.840 *	748.254 *	812.085 *	879.398 *	919.027 *	993.125 *	952.001 *	980.012 *	972.657 *	987.283 *
25.5	726.844 *	749.316 *	816.803 *	882.851 *	919.834 *	1002.386 *	935.139 *	976.926 *	919.524 *	970.148 *
22.5	726.847 *	750.238 *	819.386 *	885.109 *	927.279 *	976.435 *	939.872 *	952.842 *	880.084 *	931.017 *
19.5	726.850 *	751.071 *	821.017 *	888.240 *	936.409 *	952.009 *	953.203 *	888.871 *	924.603 *	841.147 *
17.0	726.853 *	751.696 *	821.487 *	890.784 *	946.931 *	946.170 *	962.180 *	838.324 *	935.023 *	770.688 *
15.0	726.854 *	752.152 *	821.846 *	892.383 *	956.119 *	943.856 *	971.447 *	811.253 *	872.872 *	805.229 *
13.0	726.856 *	752.568 *	822.220 *	893.305 *	965.914 *	943.029 *	970.341 *	818.835 *	820.192 *	838.665 *
11.0	726.857 *	753.502 *	822.605 *	893.901 *	971.636 *	943.903 *	958.200 *	850.673 *	757.742 *	806.979 *
9.0	726.859 *	753.654 *	822.866 *	894.571 *	976.669 *	948.751 *	942.758 *	886.786 *	740.909 *	754.891 *
7.0	726.860 *	753.806 *	823.006 *	894.864 *	979.834 *	954.895 *	929.223 *	918.229 *	748.054 *	715.312 *
5.0	726.861 *	753.960 *	823.368 *	894.809 *	982.236 *	961.530 *	921.534 *	927.622 *	765.622 *	692.629 *
3.0	726.862 *	754.113 *	823.055 *	894.716 *	984.529 *	968.566 *	914.893 *	931.495 *	784.895 *	681.363 *
1.0	726.863 *	754.267 *	822.741 *	893.815 *	985.139 *	972.164 *	913.302 *	931.826 *	800.458 *	675.186 *
0.0	726.863 *	754.344 *	822.584 *	893.364 *	985.445 *	973.965 *	912.505 *	932.105 *	805.184 *	674.503 *
-1.0	726.863 *	754.344 *	823.381 *	893.877 *	984.216 *	973.010 *	913.844 *	929.713 *	802.168 *	673.165 *
-3.0	726.863 *	754.931 *	824.974 *	894.901 *	981.761 *	971.102 *	916.518 *	927.378 *	792.130 *	674.372 *
-5.0	726.862 *	755.322 *	826.564 *	895.380 *	978.301 *	966.948 *	924.614 *	927.286 *	783.835 *	678.284 *
-7.0	726.862 *	755.711 *	827.490 *	896.014 *	975.235 *	964.059 *	934.024 *	928.601 *	781.123 *	685.716 *
-9.0	726.861 *	756.099 *	828.634 *	896.647 *	972.303 *	962.432 *	946.784 *	924.349 *	786.092 *	694.347 *
-11.0	726.861 *	756.485 *	829.658 *	897.342 *	968.696 *	962.579 *	958.750 *	917.791 *	805.291 *	699.964 *
-13.0	726.860 *	756.098 *	830.560 *	898.537 *	965.540 *	965.048 *	964.934 *	906.610 *	832.151 *	697.180 *
-15.0	726.859 *	756.218 *	831.469 *	899.961 *	959.908 *	966.168 *	959.979 *	898.429 *	858.440 *	731.103 *
-17.0	726.858 *	756.296 *	832.172 *	900.987 *	954.880 *	964.680 *	952.104 *	896.220 *	869.578 *	780.276 *
-19.5	726.856 *	756.333 *	832.954 *	902.058 *	948.786 *	960.227 *	949.182 *	900.919 *	905.197 *	790.847 *
-22.5	726.854 *	756.288 *	832.544 *	902.404 *	943.439 *	955.448 *	947.138 *	945.073 *	902.685 *	817.142 *
-25.5	726.851 *	756.143 *	830.828 *	901.982 *	939.761 *	946.019 *	954.982 *	957.661 *	847.391 *	923.977 *
-29.0	726.848 *	755.995 *	826.470 *	895.578 *	932.901 *	937.283 *	955.669 *	953.583 *	908.381 *	822.630 *
-33.0	726.844 *	755.708 *	823.172 *	885.217 *	912.596 *	952.000 *	951.516 *	916.590 *	959.606 *	882.421 *
-37.5	726.838 *	755.397 *	823.064 *	875.912 *	898.098 *	941.672 *	950.470 *	940.762 *	887.220 *	963.042 *
-42.5	726.832 *	754.816 *	824.339 *	874.298 *	914.728 *	913.543 *	930.764 *	958.525 *	946.532 *	909.057 *
-47.5	726.824 *	754.299 *	823.890 *	881.464 *	912.282 *	895.751 *	897.629 *	905.760 *	962.339 *	960.110 *
-55.0	726.812 *	753.671 *	823.556 *	876.484 *	869.872 *	882.287 *	896.105 *	894.172 *	882.804 *	888.021 *
-65.0	726.794 *	752.751 *	803.464 *	850.342 *	844.921 *	845.027 *	832.143 *	839.373 *	848.038 *	856.659 *
-75.0	726.775 *	749.660 *	778.547 *	819.901 *	801.938 *	773.694 *	762.811 *	771.806 *	782.048 *	790.657 *
-85.0	726.754 *	744.625 *	772.325 *	778.329 *	731.869 *	698.824 *	691.197 *	699.387 *	706.360 *	712.899 *
-90.0	726.744 *	739.260 *	764.287 *	771.364 *	724.614 *	689.552 *	678.906 *	680.986 *	682.857 *	684.519 *

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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	766.863 *	766.913 *	756.166 *	747.211 *	740.047 *	732.883 *	725.718 *	718.554 *	711.389 *	704.225 *
85.0	793.437 *	792.789 *	785.414 *	779.149 *	774.158 *	769.175 *	764.999 *	759.768 *	754.537 *	749.305 *
75.0	863.903 *	863.254 *	860.564 *	857.979 *	856.086 *	853.985 *	851.975 *	849.912 *	847.779 *	845.977 *
65.0	914.119 *	916.888 *	919.711 *	922.374 *	924.550 *	926.701 *	929.048 *	931.318 *	933.676 *	936.017 *
55.0	939.046 *	946.269 *	954.821 *	962.712 *	968.926 *	975.220 *	981.291 *	987.672 *	993.262 *	998.528 *
47.5	977.766 *	989.144 *	1004.914 *	1011.166 *	1010.755 *	1010.290 *	1011.288 *	1017.120 *	1024.588 *	1032.546 *
42.5	1006.964 *	1015.862 *	1011.796 *	1013.152 *	1017.409 *	1012.766 *	1006.575 *	999.923 *	993.397 *	987.220 *
37.5	1004.772 *	1001.766 *	998.328 *	1022.648 *	1026.506 *	995.270 *	985.871 *	982.895 *	971.090 *	959.072 *
33.0	1001.302 *	1017.434 *	982.106 *	959.755 *	940.380 *	901.753 *	872.041 *	870.720 *	883.672 *	902.537 *
29.0	1005.277 *	967.953 *	939.139 *	894.630 *	878.443 *	858.245 *	823.730 *	792.733 *	793.869 *	817.490 *
25.5	943.766 *	915.034 *	855.228 *	799.914 *	743.374 *	709.543 *	678.862 *	657.646 *	643.494 *	636.463 *
22.5	861.685 *	840.616 *	751.160 *	680.047 *	652.829 *	644.449 *	648.697 *	632.743 *	615.478 *	622.975 *
19.5	842.618 *	739.191 *	657.946 *	640.234 *	629.249 *	621.184 *	636.349 *	636.947 *	647.446 *	666.548 *
17.0	784.936 *	660.549 *	627.727 *	618.817 *	613.155 *	626.251 *	656.452 *	665.463 *	661.254 *	653.839 *
15.0	711.911 *	627.306 *	617.125 *	610.602 *	621.909 *	652.317 *	655.852 *	670.308 *	706.977 *	704.870 *
13.0	662.625 *	604.749 *	609.422 *	616.711 *	640.844 *	656.332 *	681.429 *	709.908 *	704.407 *	710.855 *
11.0	630.618 *	605.953 *	616.613 *	623.556 *	638.944 *	673.959 *	704.958 *	708.546 *	725.765 *	726.639 *
9.0	612.220 *	607.304 *	611.872 *	627.177 *	649.949 *	688.171 *	700.988 *	715.238 *	733.470 *	742.560 *
7.0	606.287 *	610.113 *	616.160 *	621.577 *	668.861 *	683.130 *	704.906 *	723.133 *	716.887 *	752.476 *
5.0	612.391 *	617.268 *	629.490 *	636.218 *	667.045 *	683.363 *	700.216 *	754.638 *	749.098 *	736.456 *
3.0	623.658 *	625.150 *	636.386 *	652.082 *	667.125 *	698.743 *	716.303 *	773.215 *	740.724 *	744.285 *
1.0	634.228 *	628.867 *	640.747 *	660.740 *	665.341 *	705.865 *	730.937 *	751.096 *	759.925 *	750.860 *
0.0	638.443 *	630.083 *	643.423 *	661.283 *	663.403 *	707.064 *	731.224 *	742.164 *	769.424 *	755.984 *
-1.0	637.731 *	630.769 *	651.336 *	673.361 *	669.687 *	708.924 *	726.559 *	743.606 *	766.310 *	767.536 *
-3.0	635.164 *	631.597 *	669.324 *	693.659 *	681.458 *	706.729 *	719.170 *	738.499 *	756.019 *	780.173 *
-5.0	634.437 *	629.996 *	686.831 *	710.800 *	697.145 *	698.694 *	723.936 *	735.055 *	768.204 *	796.768 *
-7.0	639.146 *	626.887 *	692.350 *	715.303 *	724.798 *	705.962 *	728.759 *	741.419 *	782.118 *	783.848 *
-9.0	644.627 *	622.569 *	663.500 *	695.275 *	722.154 *	711.390 *	720.498 *	743.284 *	756.692 *	771.103 *
-11.0	653.031 *	621.572 *	633.982 *	677.017 *	685.432 *	701.114 *	722.725 *	731.921 *	740.429 *	751.839 *
-13.0	649.036 *	628.933 *	621.286 *	634.977 *	655.066 *	670.421 *	691.030 *	720.909 *	735.479 *	743.302 *
-15.0	663.886 *	635.032 *	603.406 *	620.926 *	617.068 *	639.848 *	665.786 *	691.120 *	710.076 *	726.858 *
-17.0	687.397 *	631.125 *	614.212 *	602.900 *	614.684 *	610.148 *	631.232 *	653.735 *	671.805 *	695.018 *
-19.5	738.134 *	664.403 *	615.387 *	605.478 *	598.091 *	611.368 *	603.470 *	606.295 *	625.656 *	647.582 *
-22.5	789.050 *	745.703 *	658.896 *	611.000 *	606.007 *	594.153 *	596.301 *	616.622 *	616.365 *	617.256 *
-25.5	758.871 *	791.349 *	758.547 *	682.760 *	635.804 *	609.722 *	601.038 *	604.446 *	607.129 *	613.871 *
-29.0	932.777 *	766.252 *	754.923 *	806.661 *	776.966 *	722.006 *	686.252 *	664.084 *	648.417 *	641.584 *
-33.0	801.107 *	901.039 *	896.826 *	779.472 *	725.875 *	730.016 *	791.412 *	820.788 *	820.868 *	812.839 *
-37.5	950.401 *	863.806 *	807.552 *	830.403 *	894.238 *	944.364 *	951.884 *	944.659 *	934.304 *	933.082 *
-42.5	909.402 *	961.747 *	957.382 *	958.269 *	935.769 *	915.803 *	908.991 *	908.789 *	914.707 *	926.530 *
-47.5	951.817 *	927.999 *	919.244 *	916.708 *	925.580 *	941.424 *	959.321 *	973.462 *	979.769 *	980.837 *
-55.0	909.035 *	937.851 *	964.616 *	975.716 *	975.979 *	972.627 *	968.655 *	964.993 *	961.781 *	959.071 *
-65.0	867.854 *	880.581 *	895.008 *	903.935 *	908.675 *	911.100 *	912.754 *	913.234 *	913.594 *	913.903 *
-75.0	796.291 *	801.333 *	813.381 *	824.649 *	833.431 *	841.323 *	849.139 *	856.681 *	863.976 *	871.479 *
-85.0	718.526 *	723.098 *	734.690 *	744.384 *	752.055 *	759.649 *	768.416 *	775.442 *	782.468 *	789.495 *
-90.0	685.972 *	687.217 *	699.378 *	709.513 *	717.621 *	725.729 *	733.837 *	741.945 *	750.053 *	758.161 *
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	697.060 *	689.895 *	686.313 *	689.494 *	695.855 *	702.217 *	708.578 *	714.939 *	721.300 *	727.661 *
85.0	744.072 *	738.840 *	736.224 *	738.457 *	742.924 *	747.391 *	751.857 *	756.323 *	760.789 *	763.857 *
75.0	843.388 *	840.799 *	839.504 *	841.740 *	846.212 *	850.683 *	854.106 *	857.826 *	861.312 *	864.546 *
65.0	938.610 *	940.273 *	941.105 *	941.337 *	941.802 *	941.434 *	941.390 *	941.457 *	941.777 *	941.917 *

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CANDELA TABULATION - (Cont.)

55.0	1003.967	*1007.938	*1009.925	*1008.828	*1006.635	*1003.238	*1000.203	*997.191	* 993.864	* 991.296 *
47.5	1041.589	*1046.704	*1049.265	*1048.419	*1046.728	*1041.220	*1036.867	*1032.203	*1027.576	*1023.227 *
42.5	981.337	* 976.358 *	* 973.865 *	* 976.824 *	* 982.733 *	* 989.934 *	* 997.709 *	* 1007.951 *	*1019.978	*1031.750 *
37.5	947.979	* 940.675 *	* 939.965 *	* 947.256 *	* 968.597 *	* 995.999 *	* 1027.012 *	*1058.389	*1069.633	*1069.988 *
33.0	919.265	* 934.333 *	* 938.685 *	* 936.107 *	* 927.143 *	* 923.154 *	* 926.146 *	* 941.374 *	* 977.232 *	* 1024.150 *
29.0	844.711	* 875.040 *	* 889.424 *	* 881.436 *	* 866.201 *	* 860.001 *	* 852.751 *	* 859.024 *	* 879.871 *	* 889.124 *
25.5	634.427	* 629.648 *	* 627.023 *	* 628.955 *	* 634.369 *	* 642.244 *	* 657.857 *	* 676.849 *	* 706.618 *	* 755.706 *
22.5	629.821	* 632.043 *	* 629.543 *	* 628.909 *	* 624.183 *	* 623.787 *	* 630.563 *	* 642.341 *	* 642.272 *	* 652.024 *
19.5	657.666	* 644.113 *	* 638.243 *	* 643.040 *	* 648.327 *	* 640.908 *	* 628.467 *	* 620.708 *	* 623.253 *	* 635.226 *
17.0	650.495	* 641.434 *	* 632.563 *	* 637.210 *	* 640.721 *	* 641.459 *	* 652.744 *	* 674.381 *	* 645.038 *	* 623.690 *
15.0	686.710	* 671.857 *	* 664.943 *	* 666.202 *	* 668.874 *	* 674.492 *	* 678.814 *	* 667.870 *	* 664.808 *	* 658.746 *
13.0	716.643	* 709.775 *	* 702.684 *	* 704.179 *	* 706.663 *	* 703.062 *	* 685.184 *	* 688.440 *	* 690.224 *	* 671.154 *
11.0	735.781	* 736.503 *	* 731.304 *	* 722.978 *	* 696.051 *	* 677.862 *	* 707.865 *	* 708.621 *	* 697.531 *	* 686.191 *
9.0	767.181	* 779.390 *	* 782.644 *	* 770.607 *	* 733.472 *	* 721.086 *	* 712.731 *	* 708.145 *	* 709.980 *	* 686.140 *
7.0	767.331	* 781.750 *	* 787.524 *	* 780.395 *	* 756.772 *	* 766.861 *	* 769.351 *	* 737.276 *	* 713.923 *	* 696.422 *
5.0	760.615	* 787.659 *	* 798.944 *	* 797.615 *	* 792.466 *	* 793.745 *	* 779.117 *	* 756.921 *	* 752.166 *	* 708.984 *
3.0	741.157	* 769.964 *	* 792.624 *	* 801.127 *	* 852.341 *	* 810.895 *	* 775.121 *	* 773.817 *	* 753.635 *	* 728.590 *
1.0	749.687	* 765.013 *	* 784.084 *	* 805.861 *	* 835.867 *	* 831.284 *	* 791.084 *	* 802.166 *	* 746.898 *	* 741.726 *
0.0	764.144	* 775.404 *	* 797.424 *	* 787.084 *	* 801.504 *	* 820.664 *	* 794.104 *	* 815.184 *	* 742.324 *	* 746.764 *
-1.0	784.882	* 796.916 *	* 788.284 *	* 800.362 *	* 806.603 *	* 807.307 *	* 787.704 *	* 802.541 *	* 740.422 *	* 745.638 *
-3.0	796.124	* 811.751 *	* 808.504 *	* 799.908 *	* 774.290 *	* 801.137 *	* 769.645 *	* 775.126 *	* 736.794 *	* 746.233 *
-5.0	784.804	* 798.735 *	* 807.664 *	* 797.225 *	* 789.323 *	* 774.095 *	* 772.617 *	* 745.687 *	* 740.482 *	* 751.160 *
-7.0	792.849	* 779.525 *	* 778.924 *	* 776.808 *	* 773.457 *	* 778.529 *	* 768.957 *	* 742.279 *	* 752.689 *	* 739.040 *
-9.0	764.888	* 769.457 *	* 766.724 *	* 771.523 *	* 771.215 *	* 764.123 *	* 755.134 *	* 768.818 *	* 734.158 *	* 717.030 *
-11.0	758.707	* 757.868 *	* 753.584 *	* 759.498 *	* 770.867 *	* 768.022 *	* 766.345 *	* 731.024 *	* 710.051 *	* 706.850 *
-13.0	746.658	* 756.425 *	* 761.284 *	* 761.915 *	* 760.215 *	* 749.661 *	* 725.089 *	* 711.825 *	* 703.466 *	* 691.223 *
-15.0	738.521	* 744.535 *	* 745.684 *	* 741.877 *	* 731.267 *	* 721.220 *	* 711.301 *	* 700.944 *	* 675.693 *	* 629.533 *
-17.0	706.192	* 711.448 *	* 712.544 *	* 711.086 *	* 705.495 *	* 694.223 *	* 669.606 *	* 645.360 *	* 624.061 *	* 620.475 *
-19.5	664.831	* 678.223 *	* 682.983 *	* 677.042 *	* 662.051 *	* 644.439 *	* 622.877 *	* 619.918 *	* 641.338 *	* 620.536 *
-22.5	626.591	* 638.295 *	* 643.583 *	* 643.964 *	* 641.461 *	* 636.212 *	* 627.006 *	* 629.260 *	* 638.011 *	* 619.838 *
-25.5	622.052	* 630.368 *	* 635.643 *	* 636.592 *	* 639.558 *	* 639.631 *	* 629.960 *	* 623.512 *	* 639.966 *	* 675.256 *
-29.0	641.045	* 643.175 *	* 646.383 *	* 652.459 *	* 669.019 *	* 688.543 *	* 713.796 *	* 752.550 *	* 811.595 *	* 863.568 *
-33.0	804.508	* 799.126 *	* 798.844 *	* 804.015 *	* 816.396 *	* 824.503 *	* 823.670 *	* 810.597 *	* 796.126 *	* 829.413 *
-37.5	935.609	* 944.119 *	* 951.645 *	* 954.960 *	* 966.786 *	* 981.071 *	* 994.819 *	* 993.259 *	* 971.413 *	* 938.555 *
-42.5	939.210	* 956.945 *	* 965.825 *	* 967.268 *	* 970.150 *	* 978.001 *	* 986.564 *	* 1002.412 *	*1021.558	*1038.580 *
-47.5	979.057	* 978.982 *	* 978.945 *	* 981.228 *	* 985.790 *	* 992.910 *	* 997.794 *	* 1001.677 *	*1005.055	*1010.863 *
-55.0	956.466	* 954.852 *	* 954.045 *	* 958.473 *	* 967.324 *	* 976.941 *	* 986.483 *	* 996.217 *	* 1004.784 *	*1012.627 *
-65.0	914.048	* 914.633 *	* 914.925 *	* 916.829 *	* 920.635 *	* 924.657 *	* 928.346 *	* 931.684 *	* 934.516 *	* 936.475 *
-75.0	878.088	* 884.699 *	* 888.004 *	* 886.759 *	* 884.269 *	* 881.780 *	* 878.292 *	* 874.998 *	* 871.391 *	* 867.428 *
-85.0	796.523	* 803.550 *	* 807.064 *	* 804.745 *	* 800.107 *	* 795.469 *	* 790.831 *	* 786.194 *	* 781.557 *	* 775.107 *
-90.0	766.269	* 774.377 *	* 778.430 *	* 776.335 *	* 772.144 *	* 767.952 *	* 763.761 *	* 759.570 *	* 755.378 *	* 751.187 *

Vert. Horizontal Angles
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	734.022	* 740.383 *	* 748.333 *	* 757.873 *	* 760.485 *	* 763.533 *	* 767.016 *	* 770.935 *	* 775.291 *	* 767.204 *
85.0	767.891	* 771.879 *	* 776.802 *	* 782.513 *	* 783.661 *	* 784.752 *	* 785.462 *	* 785.948 *	* 786.162 *	* 776.813 *
75.0	867.745	* 869.777 *	* 872.098 *	* 872.164 *	* 869.390 *	* 866.764 *	* 862.453 *	* 857.252 *	* 854.613 *	* 839.689 *
65.0	942.316	* 942.422 *	* 942.267 *	* 938.317 *	* 931.240 *	* 918.053 *	* 902.871 *	* 888.845 *	* 893.474 *	* 893.367 *
55.0	988.916	* 986.698 *	* 984.822 *	* 983.092 *	* 974.118 *	* 960.606 *	* 951.579 *	* 956.688 *	* 961.204 *	* 935.601 *
47.5	1018.913	*1012.950	*1007.406	*1004.736	*1006.122	*1013.214	*1022.335	*1012.341	*971.488	*965.934 *
42.5	1045.966	*1055.593	*1062.972	*1061.165	*1058.785	*1034.103	*1018.102	*1029.807	*1008.602	*975.470 *
37.5	1068.636	*1051.104	*1037.751	*1046.656	*1047.825	*1078.332	*1076.703	*1035.226	*1038.005	*990.190 *
33.0	1024.995	*1017.349	*1045.035	*1044.046	*1040.704	*1067.774	*1064.668	*1062.589	*1044.602	*1015.919 *
29.0	906.304	* 931.941 *	* 944.810 *	* 1007.812 *	*1025.420	*1022.685	*1059.172	*1074.561	*1055.250	*1059.521 *
25.5	818.122	* 853.486 *	* 921.992 *	* 933.454 *	* 948.709 *	* 997.491 *	* 1001.324 *	*1066.188	*1044.134	*1062.515 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPL-MJ-50W-LED-XX-PND.IES

CANDELA TABULATION - (Cont.)

22.5	664.376 *	715.911 *	808.761 *	897.203 *	947.808 *	951.869 *	997.801 *	1049.967 *	1050.398 *	1057.408 *
19.5	631.211 *	652.264 *	681.597 *	815.286 *	861.954 *	904.323 *	956.911 *	977.687 *	1071.585 *	1060.688 *
17.0	628.102 *	620.471 *	656.629 *	786.559 *	792.291 *	965.691 *	929.770 *	967.910 *	1077.288 *	1053.261 *
15.0	622.784 *	626.576 *	618.470 *	703.210 *	838.956 *	843.004 *	893.474 *	983.881 *	1070.172 *	1047.893 *
13.0	651.198 *	614.258 *	614.436 *	668.488 *	888.980 *	751.995 *	888.542 *	987.191 *	1066.274 *	1046.111 *
11.0	650.558 *	636.989 *	615.726 *	630.647 *	833.900 *	750.824 *	900.684 *	971.519 *	1059.699 *	1047.346 *
9.0	661.229 *	628.897 *	597.240 *	599.087 *	727.536 *	798.353 *	915.003 *	951.624 *	1051.157 *	1051.664 *
7.0	662.224 *	629.238 *	621.727 *	600.018 *	674.964 *	822.773 *	904.978 *	939.073 *	1043.813 *	1056.356 *
5.0	681.603 *	651.952 *	635.265 *	612.208 *	646.349 *	821.379 *	875.401 *	940.256 *	1040.938 *	1061.036 *
3.0	704.108 *	670.464 *	639.308 *	617.999 *	628.594 *	801.847 *	842.994 *	942.310 *	1040.970 *	1066.061 *
1.0	724.772 *	685.865 *	646.281 *	621.503 *	614.760 *	775.284 *	815.128 *	944.384 *	1042.806 *	1067.943 *
0.0	731.864 *	691.203 *	649.923 *	621.803 *	609.723 *	765.584 *	804.364 *	944.905 *	1043.725 *	1068.885 *
-1.0	733.653 *	695.031 *	653.434 *	623.223 *	614.747 *	763.120 *	811.841 *	950.263 *	1043.707 *	1070.032 *
-3.0	730.504 *	698.486 *	655.367 *	625.098 *	627.981 *	770.806 *	832.574 *	960.210 *	1043.670 *	1072.321 *
-5.0	724.572 *	700.338 *	647.861 *	629.266 *	643.664 *	785.571 *	856.405 *	970.851 *	1041.318 *	1070.636 *
-7.0	716.257 *	701.490 *	628.629 *	649.349 *	661.996 *	803.928 *	886.780 *	983.129 *	1038.876 *	1068.670 *
-9.0	711.459 *	679.446 *	623.947 *	661.002 *	672.703 *	825.030 *	921.179 *	1001.906 *	1041.394 *	1065.904 *
-11.0	690.264 *	636.444 *	634.796 *	656.639 *	685.024 *	847.199 *	959.310 *	1019.730 *	1046.217 *	1062.719 *
-13.0	637.109 *	621.972 *	635.303 *	648.949 *	701.697 *	861.514 *	1001.933 *	1037.615 *	1053.290 *	1055.178 *
-15.0	616.157 *	638.767 *	636.823 *	641.501 *	738.912 *	887.148 *	1035.696 *	1057.906 *	1063.737 *	1047.298 *
-17.0	640.551 *	613.424 *	613.884 *	658.187 *	796.215 *	886.274 *	1040.981 *	1058.692 *	1082.241 *	1041.033 *
-19.5	624.064 *	601.931 *	612.152 *	720.182 *	860.860 *	890.214 *	1032.360 *	1047.433 *	1101.529 *	1033.926 *
-22.5	602.578 *	639.007 *	707.335 *	841.994 *	800.231 *	970.721 *	985.529 *	1030.270 *	1102.470 *	1021.125 *
-25.5	712.351 *	772.399 *	858.569 *	755.261 *	881.343 *	1000.605 *	970.671 *	1049.478 *	1068.582 *	1014.675 *
-29.0	875.476 *	816.796 *	763.274 *	912.283 *	979.278 *	876.436 *	1008.277 *	1068.235 *	1031.330 *	1025.329 *
-33.0	904.958 *	960.639 *	995.127 *	891.804 *	886.437 *	991.459 *	1034.394 *	1037.703 *	1022.503 *	1031.636 *
-37.5	911.009 *	911.524 *	953.583 *	995.501 *	1033.446 *	1020.497 *	1014.248 *	1021.267 *	1035.479 *	1010.677 *
-42.5	1043.342 *	1023.193 *	1013.865 *	1029.802 *	1008.149 *	1012.514 *	1036.679 *	1042.473 *	1018.561 *	969.925 *
-47.5	1017.021 *	1020.658 *	1020.217 *	1018.054 *	1033.406 *	1042.096 *	1035.734 *	1006.992 *	964.815 *	958.014 *
-55.0	1016.395 *	1015.183 *	1004.746 *	987.075 *	971.633 *	958.571 *	957.169 *	963.604 *	952.640 *	939.673 *
-65.0	937.551 *	937.353 *	935.435 *	927.245 *	918.534 *	906.054 *	896.764 *	889.061 *	873.769 *	873.567 *
-75.0	863.337 *	858.426 *	851.958 *	843.799 *	837.790 *	830.378 *	822.895 *	817.636 *	811.167 *	807.170 *
-85.0	769.864 *	764.531 *	757.742 *	749.591 *	746.341 *	742.816 *	738.325 *	733.006 *	724.636 *	727.885 *
-90.0	746.995 *	742.804 *	737.564 *	731.276 *	725.830 *	719.477 *	712.216 *	704.048 *	694.971 *	701.473 *

Vert. Horizontal Angles

	<u>55.0</u>	<u>65.0</u>	<u>75.0</u>	<u>85.0</u>	<u>90.0</u>
90.0	736.402 *	695.320 *	714.542 *	753.885 *	773.564 *
85.0	750.023 *	714.027 *	725.602 *	757.233 *	773.567 *
75.0	812.292 *	755.025 *	743.043 *	757.714 *	773.574 *
65.0	863.427 *	791.650 *	775.428 *	760.297 *	773.580 *
55.0	888.958 *	834.880 *	803.859 *	764.986 *	773.585 *
47.5	921.885 *	857.353 *	816.196 *	770.120 *	773.589 *
42.5	947.635 *	875.509 *	824.696 *	773.561 *	773.591 *
37.5	972.308 *	892.579 *	833.954 *	777.051 *	773.593 *
33.0	976.645 *	903.930 *	843.027 *	779.451 *	773.595 *
29.0	979.549 *	910.313 *	849.596 *	781.684 *	773.596 *
25.5	978.953 *	917.344 *	855.751 *	783.544 *	773.597 *
22.5	980.332 *	924.158 *	859.850 *	785.253 *	773.598 *
19.5	991.604 *	932.358 *	864.021 *	786.852 *	773.599 *
17.0	1003.153 *	937.784 *	867.638 *	788.098 *	773.599 *
15.0	1012.052 *	941.879 *	870.656 *	789.036 *	773.600 *
13.0	1020.164 *	945.469 *	872.463 *	789.921 *	773.600 *
11.0	1026.964 *	948.616 *	874.328 *	791.654 *	773.600 *
9.0	1032.878 *	951.421 *	876.080 *	792.131 *	773.600 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPL-MJ-50W-LED-XX-PND.IES

CANDELA TABULATION - (Cont.)

7.0	1036.328 * 953.725 * 877.714 * 792.611 * 773.601 *
5.0	1038.854 * 955.549 * 879.669 * 793.094 * 773.601 *
3.0	1040.995 * 957.369 * 880.761 * 793.577 * 773.601 *
1.0	1041.975 * 957.913 * 881.856 * 794.304 * 773.601 *
0.0	1042.465 * 958.185 * 882.404 * 794.304 * 773.601 *
-1.0	1042.096 * 958.508 * 882.961 * 794.411 * 773.601 *
-3.0	1041.359 * 959.154 * 884.075 * 794.625 * 773.601 *
-5.0	1040.130 * 958.822 * 885.187 * 794.839 * 773.601 *
-7.0	1039.009 * 958.701 * 885.442 * 795.052 * 773.601 *
-9.0	1037.842 * 958.490 * 886.011 * 795.264 * 773.601 *
-11.0	1035.018 * 958.272 * 886.455 * 795.475 * 773.602 *
-13.0	1032.234 * 957.916 * 886.781 * 794.412 * 773.602 *
-15.0	1026.735 * 957.587 * 887.152 * 794.198 * 773.601 *
-17.0	1020.041 * 956.870 * 886.212 * 793.922 * 773.601 *
-19.5	1010.581 * 955.794 * 885.140 * 793.491 * 773.601 *
-22.5	997.065 * 951.670 * 883.775 * 792.846 * 773.601 *
-25.5	986.846 * 947.937 * 882.163 * 792.063 * 773.600 *
-29.0	978.440 * 939.445 * 878.214 * 791.264 * 773.600 *
-33.0	960.242 * 927.726 * 873.370 * 790.196 * 773.599 *
-37.5	951.858 * 912.880 * 866.772 * 789.040 * 773.598 *
-42.5	970.510 * 907.593 * 860.659 * 786.838 * 773.596 *
-47.5	963.855 * 917.934 * 853.869 * 784.643 * 773.594 *
-55.0	907.684 * 921.128 * 850.423 * 781.376 * 773.591 *
-65.0	884.736 * 866.164 * 832.599 * 778.834 * 773.586 *
-75.0	816.258 * 836.323 * 800.053 * 778.170 * 773.580 *
-85.0	751.418 * 787.816 * 788.893 * 779.832 * 773.574 *
-90.0	734.588 * 778.733 * 784.360 * 777.160 * 773.571 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPL-MJ-50W-LED-XX-PND.IES

LUMEN TABULATION

Average Of Right And Left Sides

Total Luminaire Lumens (one side of beam only) = 2724.75

Total Field Lumens (one side of beam only) = 2724.75

* 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	1.09 *	2.18 *	2.20 *	2.21 *	2.22 *	2.22 *	2.22 *	2.22 *	2.22 *	2.76 *
75	2.40 *	4.82 *	4.84 *	4.85 *	4.85 *	4.85 *	4.83 *	4.82 *	4.79 *	5.94 *
65	2.71 *	5.43 *	5.43 *	5.42 *	5.40 *	5.37 *	5.34 *	5.30 *	5.26 *	6.50 *
55	2.97 *	5.93 *	5.90 *	5.87 *	5.83 *	5.78 *	5.72 *	5.66 *	5.59 *	6.88 *
47.5	2.35 *	4.69 *	4.66 *	4.62 *	4.57 *	4.53 *	4.48 *	4.43 *	4.37 *	5.37 *
42.5	1.54 *	3.08 *	3.08 *	3.07 *	3.06 *	3.05 *	3.03 *	3.02 *	3.00 *	3.70 *
37.5	1.46 *	2.94 *	2.97 *	3.00 *	3.03 *	3.05 *	3.05 *	3.05 *	3.04 *	3.73 *
33	1.29 *	2.58 *	2.58 *	2.59 *	2.60 *	2.62 *	2.65 *	2.68 *	2.67 *	3.30 *
29	1.11 *	2.19 *	2.15 *	2.11 *	2.09 *	2.10 *	2.15 *	2.19 *	2.21 *	2.79 *
25.5	0.81 *	1.60 *	1.58 *	1.56 *	1.57 *	1.59 *	1.64 *	1.70 *	1.75 *	2.26 *
22.5	0.57 *	1.15 *	1.15 *	1.15 *	1.17 *	1.19 *	1.22 *	1.25 *	1.30 *	1.73 *
19.5	0.58 *	1.17 *	1.17 *	1.15 *	1.14 *	1.14 *	1.14 *	1.14 *	1.16 *	1.52 *
17	0.49 *	0.98 *	0.99 *	0.98 *	0.98 *	0.97 *	0.94 *	0.93 *	0.92 *	1.17 *
15	0.40 *	0.80 *	0.81 *	0.81 *	0.81 *	0.79 *	0.77 *	0.75 *	0.73 *	0.90 *
13	0.42 *	0.84 *	0.85 *	0.84 *	0.83 *	0.81 *	0.79 *	0.76 *	0.73 *	0.89 *
11	0.44 *	0.87 *	0.86 *	0.85 *	0.85 *	0.84 *	0.81 *	0.78 *	0.74 *	0.89 *
9	0.46 *	0.90 *	0.88 *	0.87 *	0.86 *	0.85 *	0.83 *	0.79 *	0.75 *	0.90 *
7	0.48 *	0.93 *	0.91 *	0.90 *	0.88 *	0.86 *	0.83 *	0.80 *	0.75 *	0.90 *
5	0.48 *	0.95 *	0.93 *	0.92 *	0.90 *	0.88 *	0.84 *	0.81 *	0.76 *	0.91 *
3	0.48 *	0.96 *	0.95 *	0.93 *	0.92 *	0.90 *	0.86 *	0.82 *	0.78 *	0.93 *
1	0.48 *	0.96 *	0.96 *	0.94 *	0.93 *	0.91 *	0.87 *	0.83 *	0.80 *	0.95 *
0	0.24 *	0.48 *	0.48 *	0.48 *	0.47 *	0.45 *	0.44 *	0.42 *	0.40 *	0.48 *
-1	0.24 *	0.48 *	0.48 *	0.47 *	0.47 *	0.45 *	0.44 *	0.42 *	0.40 *	0.48 *
	0.49 *	0.97 *	0.96 *	0.94 *	0.93 *	0.90 *	0.87 *	0.85 *	0.82 *	0.97 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPL-MJ-50W-LED-XX-PND.IES

LUMENS TABULATION - (Cont.)

-3	0.49 *	0.97 *	0.96 *	0.94 *	0.91 *	0.89 *	0.87 *	0.85 *	0.83 *	0.99 *
-5	0.48 *	0.96 *	0.95 *	0.94 *	0.91 *	0.89 *	0.87 *	0.85 *	0.83 *	0.99 *
-7	0.47 *	0.94 *	0.94 *	0.93 *	0.91 *	0.89 *	0.87 *	0.85 *	0.83 *	0.98 *
-9	0.46 *	0.93 *	0.93 *	0.92 *	0.90 *	0.88 *	0.85 *	0.83 *	0.80 *	0.95 *
-11	0.46 *	0.92 *	0.92 *	0.91 *	0.88 *	0.86 *	0.83 *	0.80 *	0.77 *	0.92 *
-13	0.46 *	0.91 *	0.90 *	0.88 *	0.86 *	0.83 *	0.80 *	0.76 *	0.74 *	0.91 *
-15	0.44 *	0.88 *	0.87 *	0.85 *	0.82 *	0.79 *	0.76 *	0.74 *	0.73 *	0.89 *
-17	0.53 *	1.05 *	1.03 *	1.00 *	0.96 *	0.94 *	0.92 *	0.91 *	0.90 *	1.10 *
-19.5	0.60 *	1.19 *	1.17 *	1.14 *	1.12 *	1.11 *	1.10 *	1.08 *	1.07 *	1.37 *
-22.5	0.58 *	1.16 *	1.15 *	1.13 *	1.12 *	1.11 *	1.11 *	1.12 *	1.16 *	1.54 *
-25.5	0.68 *	1.37 *	1.37 *	1.37 *	1.38 *	1.41 *	1.46 *	1.52 *	1.56 *	1.97 *
-29	0.88 *	1.77 *	1.79 *	1.81 *	1.83 *	1.84 *	1.86 *	1.90 *	1.95 *	2.45 *
-33	1.20 *	2.41 *	2.42 *	2.43 *	2.42 *	2.39 *	2.33 *	2.29 *	2.28 *	2.90 *
-37.5	1.46 *	2.91 *	2.90 *	2.90 *	2.90 *	2.89 *	2.86 *	2.82 *	2.75 *	3.37 *
-42.5	1.48 *	2.95 *	2.94 *	2.94 *	2.93 *	2.92 *	2.91 *	2.89 *	2.87 *	3.54 *
-47.5	2.21 *	4.43 *	4.44 *	4.45 *	4.45 *	4.43 *	4.40 *	4.36 *	4.32 *	5.31 *
-55	2.85 *	5.71 *	5.72 *	5.73 *	5.73 *	5.72 *	5.70 *	5.67 *	5.62 *	6.90 *
-65	2.74 *	5.48 *	5.46 *	5.43 *	5.40 *	5.36 *	5.31 *	5.25 *	5.17 *	6.35 *
-75	2.58 *	5.13 *	5.09 *	5.04 *	4.98 *	4.92 *	4.85 *	4.77 *	4.69 *	5.74 *
-85	1.21 *	2.40 *	2.37 *	2.35 *	2.32 *	2.29 *	2.25 *	2.22 *	2.18 *	2.66 *
-90										
Total	46.25	92.35	92.07	91.63	91.10	90.46	89.68	88.88	87.97	108.68

Vert. Horizontal Angles

	<u>19.5</u>	<u>22.5</u>	<u>25.5</u>	<u>29</u>	<u>33</u>	<u>37.5</u>	<u>42.5</u>	<u>47.5</u>	<u>55</u>	<u>65</u>
90	3.29 *	3.24 *	3.68 *	4.06 *	4.36 *	4.55 *	4.18 *	5.42 *	5.51 *	3.69 *
85	7.04 *	6.91 *	7.84 *	8.64 *	9.25 *	9.63 *	8.82 *	11.40 *	11.55 *	7.62 *
75	7.66 *	7.48 *	8.46 *	9.26 *	9.85 *	10.23 *	9.38 *	12.14 *	12.24 *	7.94 *
65	8.09 *	7.87 *	8.86 *	9.68 *	10.33 *	10.75 *	9.83 *	12.69 *	12.81 *	8.29 *
55	6.30 *	6.12 *	6.92 *	7.61 *	8.12 *	8.37 *	7.62 *	9.84 *	9.93 *	6.41 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPL-MJ-50W-LED-XX-PND.IES

LUMENS TABULATION - (Cont.)

47.5										
	4.35 *	4.24 *	4.77 *	5.21 *	5.56 *	5.71 *	5.16 *	6.69 *	6.78 *	4.35 *
42.5										
	4.39 *	4.30 *	4.88 *	5.34 *	5.65 *	5.82 *	5.26 *	6.80 *	6.92 *	4.40 *
37.5										
	3.92 *	3.85 *	4.40 *	4.87 *	5.15 *	5.30 *	4.82 *	6.22 *	6.30 *	4.00 *
33										
	3.39 *	3.38 *	3.86 *	4.26 *	4.58 *	4.74 *	4.34 *	5.60 *	5.61 *	3.58 *
29										
	2.79 *	2.83 *	3.28 *	3.62 *	3.94 *	4.13 *	3.82 *	4.95 *	4.92 *	3.15 *
25.5										
	2.21 *	2.28 *	2.68 *	3.00 *	3.29 *	3.51 *	3.26 *	4.24 *	4.23 *	2.72 *
22.5										
	1.98 *	2.13 *	2.54 *	2.89 *	3.20 *	3.45 *	3.25 *	4.22 *	4.26 *	2.73 *
19.5										
	1.50 *	1.64 *	2.00 *	2.36 *	2.59 *	2.82 *	2.72 *	3.52 *	3.58 *	2.28 *
17										
	1.13 *	1.23 *	1.54 *	1.83 *	2.02 *	2.24 *	2.17 *	2.83 *	2.88 *	1.83 *
15										
	1.08 *	1.19 *	1.50 *	1.75 *	1.98 *	2.24 *	2.17 *	2.83 *	2.90 *	1.84 *
13										
	1.06 *	1.15 *	1.46 *	1.70 *	1.96 *	2.24 *	2.16 *	2.85 *	2.92 *	1.84 *
11										
	1.04 *	1.10 *	1.40 *	1.68 *	1.95 *	2.24 *	2.15 *	2.86 *	2.93 *	1.84 *
9										
	1.04 *	1.05 *	1.35 *	1.67 *	1.96 *	2.23 *	2.15 *	2.87 *	2.94 *	1.85 *
7										
	1.05 *	1.04 *	1.32 *	1.66 *	1.96 *	2.23 *	2.15 *	2.88 *	2.94 *	1.85 *
5										
	1.07 *	1.04 *	1.31 *	1.64 *	1.96 *	2.23 *	2.15 *	2.90 *	2.95 *	1.85 *
3										
	1.08 *	1.04 *	1.29 *	1.61 *	1.96 *	2.23 *	2.15 *	2.90 *	2.95 *	1.85 *
1										
	0.54 *	0.52 *	0.64 *	0.80 *	0.98 *	1.12 *	1.08 *	1.45 *	1.48 *	0.93 *
0										
	0.54 *	0.52 *	0.64 *	0.80 *	0.98 *	1.12 *	1.08 *	1.45 *	1.48 *	0.93 *
-1										
	1.10 *	1.05 *	1.28 *	1.60 *	1.96 *	2.24 *	2.15 *	2.91 *	2.95 *	1.85 *
-3										
	1.10 *	1.06 *	1.29 *	1.61 *	1.97 *	2.25 *	2.16 *	2.90 *	2.95 *	1.85 *
-5										
	1.11 *	1.07 *	1.31 *	1.63 *	1.99 *	2.26 *	2.16 *	2.89 *	2.94 *	1.86 *
-7										
	1.10 *	1.08 *	1.33 *	1.67 *	2.02 *	2.27 *	2.16 *	2.89 *	2.94 *	1.86 *
-9										
	1.09 *	1.09 *	1.36 *	1.71 *	2.05 *	2.29 *	2.17 *	2.88 *	2.94 *	1.86 *
-11										
	1.08 *	1.09 *	1.37 *	1.75 *	2.09 *	2.31 *	2.17 *	2.87 *	2.93 *	1.86 *
-13										
	1.08 *	1.11 *	1.41 *	1.80 *	2.13 *	2.32 *	2.17 *	2.86 *	2.93 *	1.86 *
-15										
	1.07 *	1.14 *	1.46 *	1.85 *	2.16 *	2.32 *	2.17 *	2.85 *	2.92 *	1.86 *
-17										
	1.37 *	1.50 *	1.90 *	2.35 *	2.71 *	2.91 *	2.72 *	3.54 *	3.64 *	2.33 *
-19.5										
	1.78 *	1.93 *	2.37 *	2.86 *	3.25 *	3.51 *	3.26 *	4.22 *	4.34 *	2.79 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPL-MJ-50W-LED-XX-PND.IES

LUMENS TABULATION - (Cont.)

-22.5	1.96 *	1.99 *	2.47 *	2.91 *	3.23 *	3.52 *	3.23 *	4.18 *	4.32 *	2.78 *
-25.5	2.37 *	2.48 *	2.98 *	3.36 *	3.80 *	4.10 *	3.74 *	4.85 *	5.01 *	3.23 *
-29	2.94 *	2.95 *	3.40 *	3.91 *	4.41 *	4.63 *	4.26 *	5.52 *	5.65 *	3.67 *
-33	3.51 *	3.44 *	4.01 *	4.55 *	4.92 *	5.17 *	4.78 *	6.16 *	6.27 *	4.09 *
-37.5	4.04 *	4.04 *	4.62 *	5.08 *	5.49 *	5.76 *	5.23 *	6.76 *	6.95 *	4.52 *
-42.5	4.18 *	4.09 *	4.64 *	5.16 *	5.52 *	5.63 *	5.08 *	6.70 *	6.98 *	4.52 *
-47.5	6.22 *	6.05 *	6.85 *	7.53 *	7.98 *	8.18 *	7.46 *	9.82 *	10.34 *	6.78 *
-55	8.03 *	7.72 *	8.62 *	9.39 *	10.03 *	10.41 *	9.55 *	12.59 *	13.35 *	8.88 *
-65	7.41 *	7.17 *	8.06 *	8.79 *	9.33 *	9.62 *	8.85 *	11.87 *	12.78 *	8.57 *
-75	6.69 *	6.49 *	7.32 *	8.00 *	8.49 *	8.76 *	8.07 *	10.91 *	12.02 *	8.28 *
-85	3.10 *	3.01 *	3.40 *	3.72 *	3.96 *	4.09 *	3.77 *	5.14 *	5.76 *	4.05 *
-90										
Total	128.90	127.71	148.06	167.15	183.08	193.69	179.17	234.89	241.89	157.08

Vert. Angles	Horizontal Angles		
	<u>75</u>	<u>85</u>	<u>90</u>
90			
	1.92 *	0.25 *	65.68
85			
	3.89 *	0.50 *	140.08
75			
	3.96 *	0.50 *	151.25
65			
	4.04 *	0.50 *	159.86
55			
	3.08 *	0.37 *	124.75
47.5			
	2.07 *	0.25 *	84.76
42.5			
	2.08 *	0.25 *	85.40
37.5			
	1.88 *	0.23 *	76.48
33			
	1.68 *	0.20 *	66.32
29			
	1.48 *	0.18 *	55.13
25.5			
	1.27 *	0.15 *	44.72
22.5			
	1.28 *	0.15 *	43.39
19.5			
	1.07 *	0.13 *	35.55
17			
	0.85 *	0.10 *	28.24

IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPL-MJ-50W-LED-XX-PND.IES

LUMENS TABULATION - (Cont.)

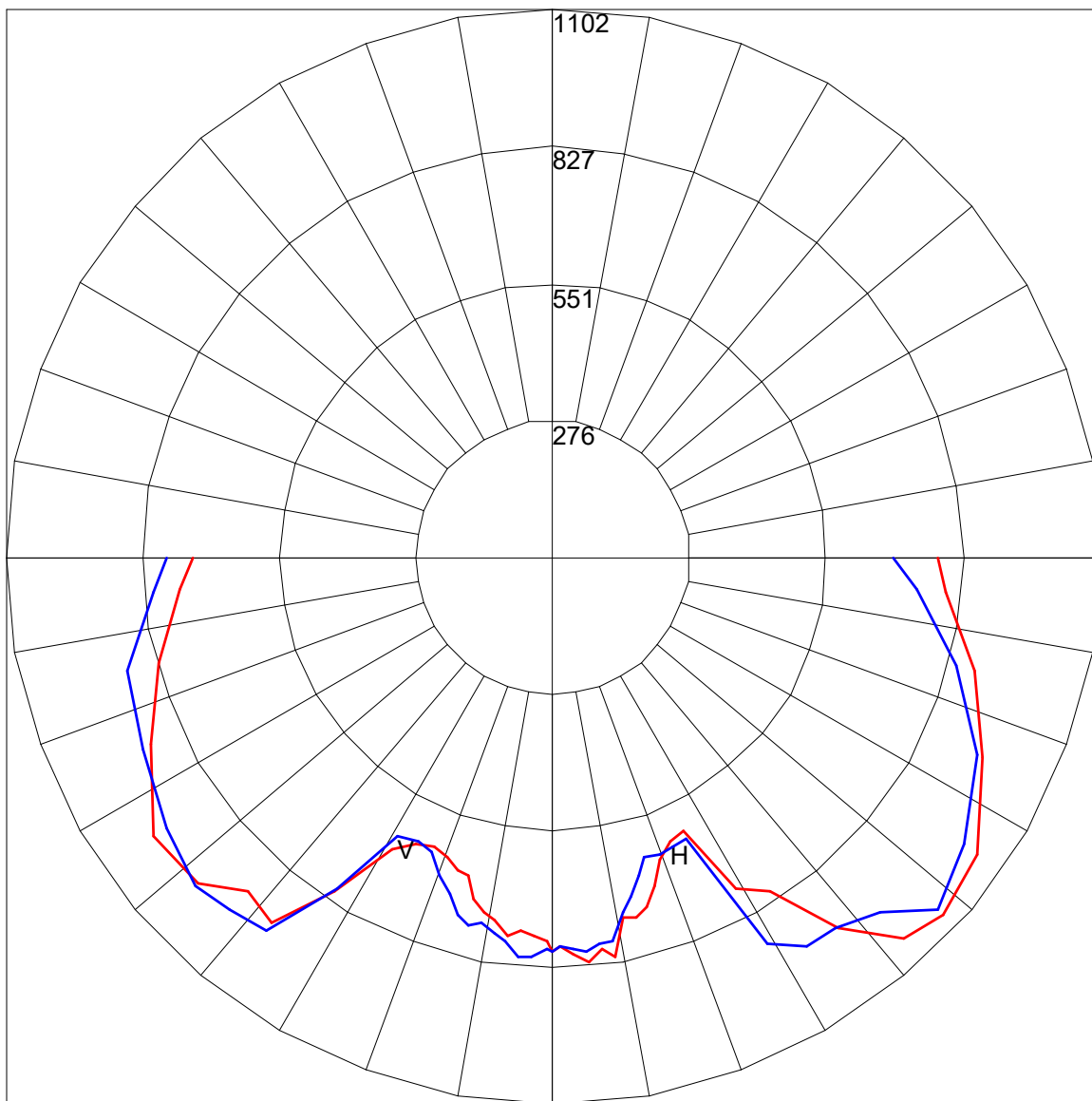
15	0.85 *	0.10 *	28.22
13	0.86 *	0.10 *	28.24
11	0.86 *	0.10 *	28.23
9	0.86 *	0.10 *	28.30
7	0.86 *	0.10 *	28.43
5	0.86 *	0.10 *	28.56
3	0.86 *	0.10 *	28.64
1	0.43 *	0.05 *	14.34
0	0.43 *	0.05 *	14.35
-1	0.86 *	0.10 *	28.74
-3	0.86 *	0.10 *	28.79
-5	0.86 *	0.10 *	28.87
-7	0.86 *	0.10 *	28.90
-9	0.86 *	0.10 *	28.86
-11	0.86 *	0.10 *	28.78
-13	0.86 *	0.10 *	28.68
-15	0.86 *	0.10 *	28.55
-17	1.08 *	0.13 *	35.52
-19.5	1.29 *	0.15 *	42.72
-22.5	1.29 *	0.15 *	43.22
-25.5	1.51 *	0.18 *	51.70
-29	1.72 *	0.20 *	61.33
-33	1.92 *	0.23 *	72.11
-37.5	2.13 *	0.25 *	82.62
-42.5	2.13 *	0.25 *	83.24
-47.5	3.18 *	0.38 *	123.58
-55	4.21 *	0.50 *	158.63
-65	4.14 *	0.50 *	149.05

IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPL-MJ-50W-LED-XX-PND.IES

LUMENS TABULATION - (Cont.)

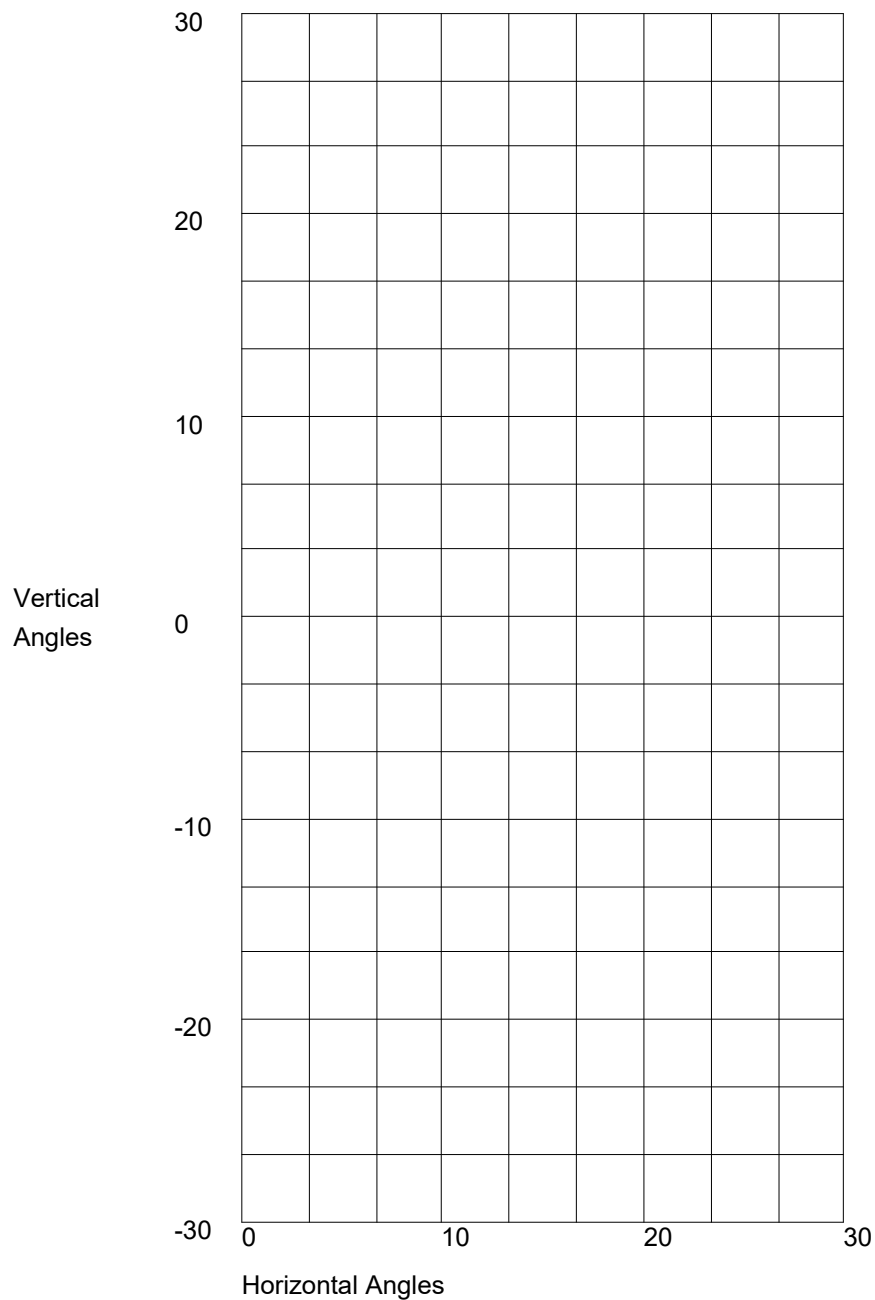
-75			
	4.09 *	0.50 *	137.42
-85			
	2.03 *	0.25 *	64.52
-90			
Total	75.03	9.05	2724.75

AXIAL CANDELA DISPLAY



Maximum Candela = 1102.47 Located At Horizontal Angle = 42.5, Vertical Angle = -22.5
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 1102.47 Located At Horizontal Angle = 42.5, Vertical Angle = -22.5
50% Maximum Candela = 551.235
10% Maximum Candela = 110.247