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

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 193034
[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-CM-50K
[LUMINAIRE] CLASS 1 DIV 1 EXPLOSION PROOF LED MASON JAR FIXTURE
[MORE] CEILING 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



Photometric Toolbox Professional Edition - Copyright 2002-2015 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

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

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

Photometric Toolbox Professional Edition - Copyright 2002-2015 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

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

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									
	-90.0	-85.0	-75.0	-65.0	-55.0	-47.5	-42.5	-37.5	-33.0	-29.0
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 *

Photometric Toolbox Professional Edition - Copyright 2002-2015 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

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

CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	-25.5	**-22.5**	**-19.5**	**-17.0**	**-15.0**	**-13.0**	**-11.0**	**-9.0**	**-7.0**	**-5.0**
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									
	-3.0	**-1.0**	**0.0**	**1.0**	**3.0**	**5.0**	**7.0**	**9.0**	**11.0**	**13.0**
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 *

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

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. Angles	**Horizontal Angles**									
	15.0	**17.0**	**19.5**	**22.5**	**25.5**	**29.0**	**33.0**	**37.5**	**42.5**	**47.5**
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 *

Photometric Toolbox Professional Edition - Copyright 2002-2015 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPL-MJ-50W-LED-XX-CM.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. Angles	**Horizontal Angles**				
	55.0	**65.0**	**75.0**	**85.0**	**90.0**
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 *

Photometric Toolbox Professional Edition - Copyright 2002-2015 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

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

Photometric Toolbox Professional Edition - Copyright 2002-2015 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPL-MJ-50W-LED-XX-CM.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									
	0	1	3	5	7	9	11	13	15	17
90	1.09 *	2.18 *	2.20 *	2.21 *	2.22 *	2.22 *	2.22 *	2.22 *	2.22 *	2.76 *
85	2.40 *	4.82 *	4.84 *	4.85 *	4.85 *	4.85 *	4.83 *	4.82 *	4.79 *	5.94 *
75	2.71 *	5.43 *	5.43 *	5.42 *	5.40 *	5.37 *	5.34 *	5.30 *	5.26 *	6.50 *
65	2.97 *	5.93 *	5.90 *	5.87 *	5.83 *	5.78 *	5.72 *	5.66 *	5.59 *	6.88 *
55	2.35 *	4.69 *	4.66 *	4.62 *	4.57 *	4.53 *	4.48 *	4.43 *	4.37 *	5.37 *
47.5	1.54 *	3.08 *	3.08 *	3.07 *	3.06 *	3.05 *	3.03 *	3.02 *	3.00 *	3.70 *
42.5	1.46 *	2.94 *	2.97 *	3.00 *	3.03 *	3.05 *	3.05 *	3.05 *	3.04 *	3.73 *
37.5	1.29 *	2.58 *	2.58 *	2.59 *	2.60 *	2.62 *	2.65 *	2.68 *	2.67 *	3.30 *
33	1.11 *	2.19 *	2.15 *	2.11 *	2.09 *	2.10 *	2.15 *	2.19 *	2.21 *	2.79 *
29	0.81 *	1.60 *	1.58 *	1.56 *	1.57 *	1.59 *	1.64 *	1.70 *	1.75 *	2.26 *
25.5	0.57 *	1.15 *	1.15 *	1.15 *	1.17 *	1.19 *	1.22 *	1.25 *	1.30 *	1.73 *
22.5	0.58 *	1.17 *	1.17 *	1.15 *	1.14 *	1.14 *	1.14 *	1.14 *	1.16 *	1.52 *
19.5	0.49 *	0.98 *	0.99 *	0.98 *	0.98 *	0.97 *	0.94 *	0.93 *	0.92 *	1.17 *
17	0.40 *	0.80 *	0.81 *	0.81 *	0.81 *	0.79 *	0.77 *	0.75 *	0.73 *	0.90 *
15	0.42 *	0.84 *	0.85 *	0.84 *	0.83 *	0.81 *	0.79 *	0.76 *	0.73 *	0.89 *
13	0.44 *	0.87 *	0.86 *	0.85 *	0.85 *	0.84 *	0.81 *	0.78 *	0.74 *	0.89 *
11	0.46 *	0.90 *	0.88 *	0.87 *	0.86 *	0.85 *	0.83 *	0.79 *	0.75 *	0.90 *
9	0.48 *	0.93 *	0.91 *	0.90 *	0.88 *	0.86 *	0.83 *	0.80 *	0.75 *	0.90 *
7	0.48 *	0.95 *	0.93 *	0.92 *	0.90 *	0.88 *	0.84 *	0.81 *	0.76 *	0.91 *
5	0.48 *	0.96 *	0.95 *	0.93 *	0.92 *	0.90 *	0.86 *	0.82 *	0.78 *	0.93 *
3	0.48 *	0.96 *	0.96 *	0.94 *	0.93 *	0.91 *	0.87 *	0.83 *	0.80 *	0.95 *
1	0.24 *	0.48 *	0.48 *	0.48 *	0.47 *	0.45 *	0.44 *	0.42 *	0.40 *	0.48 *
0	0.24 *	0.48 *	0.48 *	0.47 *	0.47 *	0.45 *	0.44 *	0.42 *	0.40 *	0.48 *
-1	0.49 *	0.97 *	0.96 *	0.94 *	0.93 *	0.90 *	0.87 *	0.85 *	0.82 *	0.97 *

Photometric Toolbox Professional Edition - Copyright 2002-2015 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPL-MJ-50W-LED-XX-CM.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. Angles	**Horizontal Angles**									
	19.5	**22.5**	**25.5**	**29**	**33**	**37.5**	**42.5**	**47.5**	**55**	**65**
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 *

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 *

Photometric Toolbox Professional Edition - Copyright 2002-2015 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPL-MJ-50W-LED-XX-CM.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**		
	75	**85**	**90**	**Total**
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

Photometric Toolbox Professional Edition - Copyright 2002-2015 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

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

Photometric Toolbox Professional Edition - Copyright 2002-2015 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

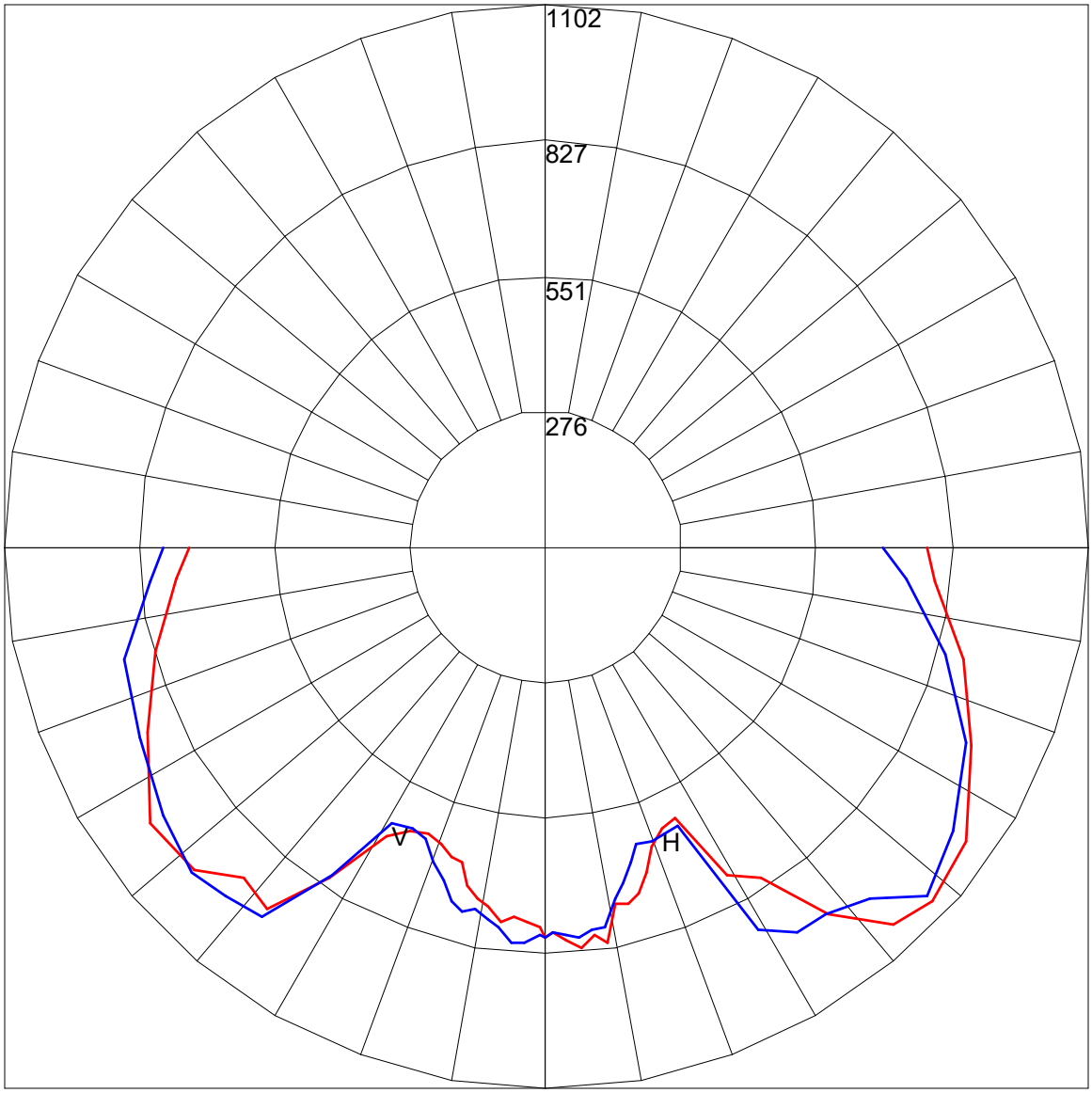
LUMENS TABULATION - (Cont.)

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

Photometric Toolbox Professional Edition - Copyright 2002-2015 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

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

AXIAL CANDELA DISPLAY

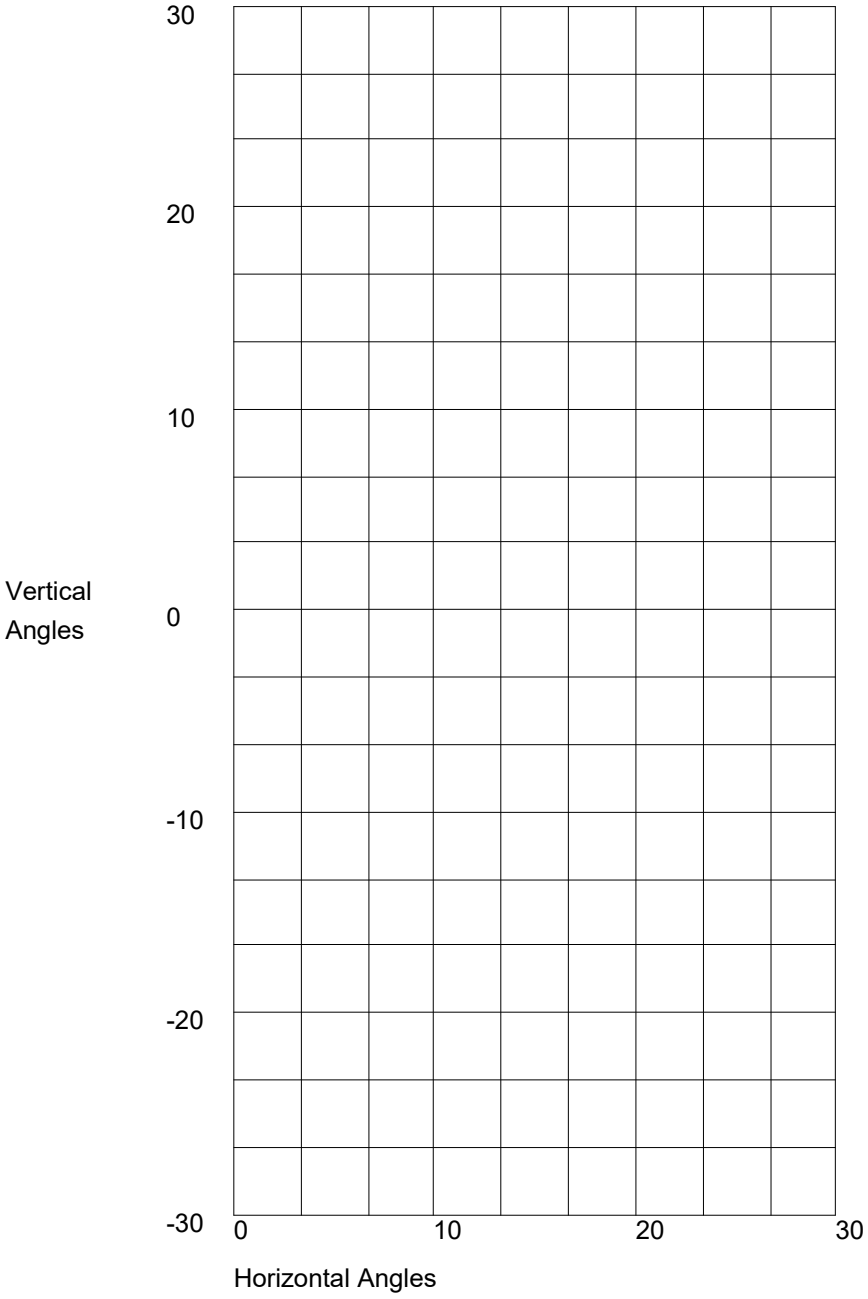


Maximum Candela = 1102.47 Located At Horizontal Angle = 42.5, Vertical Angle =-22.5
H - Horizontal Axial Candela
V - Vertical Axial Candela

Photometric Toolbox Professional Edition - Copyright 2002-2015 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

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

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