



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : MW-LED35-MO-D1.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002  
 [TEST] L041502001R02  
 [TESTLAB] LIGHT LABORATORY, INC.  
 [ISSUE DATE] 6/19/2015  
 [MANUFACT] PRUDENTIAL LTG.  
 [LUMCAT] MW-LED35-MO-D1  
 [LUMINAIRE] 1-3/4"L. x 48W. X 4-3/4"H. LED FIXTURE  
 [MORE] LINEAR PRISMATIC LENS  
 [BALLASTCAT] OSRAM OPTOTRONIC  
 [BALLAST] INPUT: 120-277VAC  
 [LAMPPOSITION] 0,0  
 [LAMPCAT] N/A  
 [OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND  
 [MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.  
 [TEST PROCEDURE] IESNA:LM-79-08

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2694
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	96
Total Luminaire Watts	28
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	0.28
Spacing Criterion (90-270)	1.24
Spacing Criterion (Diagonal)	1.32
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	3.81 ft
Luminous Width (90-270)	0.17 ft
Luminous Height	0.08 ft

### LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	0	36	7480
55	0	33	5604
65	0	34	3322
75	0	16	1517
85	0	2	343

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**CANDELA TABULATION**

	<b>0</b>	<b>5</b>	<b>10</b>	<b>15</b>	<b>20</b>	<b>25</b>	<b>30</b>	<b>35</b>	<b>40</b>	<b>45</b>
<b>0.0</b>	751.258	751.258	751.258	751.258	751.258	751.258	751.258	751.258	751.258	751.258
<b>2.5</b>	613.297	613.682	615.114	617.578	621.067	625.540	630.976	637.321	644.528	652.544
<b>5.0</b>	475.329	476.129	479.032	484.007	491.021	500.007	510.903	523.615	538.061	554.107
<b>7.5</b>	395.295	395.895	398.329	402.571	408.577	416.300	425.679	436.628	449.072	462.577
<b>10.0</b>	315.253	316.147	319.488	325.240	333.348	343.736	356.341	370.324	386.332	404.173
<b>12.5</b>	264.911	265.511	268.045	272.488	278.794	286.648	295.757	306.506	324.131	346.492
<b>15.0</b>	214.568	215.354	218.480	223.901	231.416	240.456	251.536	264.564	279.402	295.403
<b>17.5</b>	179.202	179.756	182.244	186.640	192.230	199.415	209.625	222.938	239.585	258.127
<b>20.0</b>	143.836	144.529	147.447	152.360	158.720	167.105	177.231	188.488	201.417	221.614
<b>22.5</b>	115.731	116.239	118.780	122.800	128.374	135.843	145.946	158.797	173.481	188.950
<b>25.0</b>	87.626	88.188	91.022	95.280	101.571	109.425	118.873	130.215	145.122	162.339
<b>27.5</b>	60.969	61.592	64.541	68.846	75.437	83.121	93.670	105.467	119.073	136.421
<b>30.0</b>	34.311	35.073	38.223	43.166	50.081	58.659	68.730	80.912	95.742	111.966
<b>32.5</b>	18.411	18.919	20.828	23.685	26.765	34.804	45.307	57.950	72.080	89.774
<b>35.0</b>	2.510	3.373	6.006	9.948	14.260	18.234	22.368	35.235	49.934	67.221
<b>37.5</b>	2.310	2.271	2.279	2.295	2.764	8.170	11.827	12.951	29.006	45.553
<b>40.0</b>	2.110	2.117	2.148	2.179	2.156	2.102	4.897	6.391	9.694	27.381
<b>42.5</b>	1.055	1.140	1.386	1.802	2.064	2.040	2.087	3.142	2.626	12.790
<b>45.0</b>	0.000	0.092	0.362	0.808	1.347	1.979	2.010	1.979	2.156	2.094
<b>47.5</b>	0.000	0.000	0.000	0.000	0.454	1.217	1.940	1.910	1.879	1.925
<b>50.0</b>	0.000	0.000	0.000	0.000	0.000	0.400	1.309	1.856	1.817	1.809
<b>52.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.601	1.632	1.779	1.748
<b>55.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.024	1.748	1.709
<b>57.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.454	1.632	1.648
<b>60.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.155	1.602
<b>62.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.716	1.548
<b>65.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.316	1.517
<b>67.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.278
<b>70.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.993
<b>72.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.755
<b>75.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.562
<b>77.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.393
<b>80.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.254
<b>82.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.139
<b>85.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.062
<b>87.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.015
<b>90.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>95.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.077
<b>100.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.370
<b>105.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.955
<b>110.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.125	2.348
<b>115.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.401	3.288	3.211
<b>120.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	1.124	3.627	3.696	3.627
<b>125.0</b>	0.000	0.000	0.000	0.000	0.000	1.802	4.042	4.135	4.096	4.058
<b>130.0</b>	0.000	0.262	1.032	2.194	3.688	4.581	4.566	4.558	4.512	4.412
<b>135.0</b>	5.144	5.105	5.151	5.051	5.043	5.043	4.982	4.936	4.843	4.735
<b>140.0</b>	5.544	5.559	5.544	5.505	5.467	5.452	5.351	5.259	5.159	4.959
<b>145.0</b>	5.937	5.898	5.875	5.852	5.790	5.698	5.575	5.428	5.282	5.097
<b>150.0</b>	6.068	6.068	6.044	5.983	5.883	5.767	5.644	5.513	5.359	5.190
<b>155.0</b>	5.937	5.937	5.921	5.852	5.767	5.675	5.582	5.482	5.344	5.190
<b>160.0</b>	5.806	5.775	5.736	5.690	5.613	5.529	5.452	5.367	5.274	5.144
<b>165.0</b>	5.413	5.405	5.398	5.375	5.336	5.274	5.197	5.113	5.020	4.920
<b>170.0</b>	5.013	5.005	4.997	4.974	4.951	4.913	4.874	4.805	4.735	4.666
<b>175.0</b>	4.489	4.489	4.489	4.497	4.497	4.497	4.504	4.504	4.512	4.512

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**CANDELA TABULATION - (Cont.)**

<b>180.0</b>	4.620	4.620	4.620	4.620	4.620	4.620	4.620	4.620	4.620	4.620
<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<b>50</b>	<b>55</b>	<b>60</b>	<b>65</b>	<b>70</b>	<b>75</b>	<b>80</b>	<b>85</b>	<b>90</b>	<b>95</b>
<b>0.0</b>	751.258	751.258	751.258	751.258	751.258	751.258	751.258	751.258	751.258	751.258
<b>2.5</b>	661.314	670.770	680.826	691.421	702.471	713.882	725.586	737.475	749.479	768.214
<b>5.0</b>	571.648	590.544	610.648	631.808	653.869	676.661	700.015	723.754	747.693	785.015
<b>7.5</b>	481.566	509.409	539.054	570.262	602.818	636.490	671.032	706.205	741.756	797.273
<b>10.0</b>	423.708	444.790	467.698	509.078	552.190	596.735	642.396	688.857	735.820	809.108
<b>12.5</b>	370.917	396.958	424.370	453.284	500.631	555.378	611.519	668.722	726.618	816.947
<b>15.0</b>	317.679	348.448	381.142	415.530	453.830	514.591	581.134	648.871	717.409	824.139
<b>17.5</b>	278.417	301.055	338.692	377.770	418.541	472.641	548.586	625.925	704.280	826.556
<b>20.0</b>	244.336	268.330	295.572	339.739	385.693	435.543	516.685	603.364	691.152	828.135
<b>22.5</b>	210.071	236.898	265.303	302.333	352.637	404.666	483.444	578.385	674.628	824.601
<b>25.0</b>	181.081	205.998	236.298	267.814	319.573	376.353	451.035	553.892	658.096	819.942
<b>27.5</b>	156.333	177.647	208.493	242.288	287.572	348.286	418.341	527.796	638.700	810.617
<b>30.0</b>	132.271	155.170	181.397	217.633	257.064	321.159	386.763	502.309	619.296	800.161
<b>32.5</b>	108.901	132.509	157.750	193.632	232.894	293.278	360.930	474.451	596.403	790.251
<b>35.0</b>	87.487	110.695	136.652	168.437	209.324	265.496	335.828	447.193	573.504	778.870
<b>37.5</b>	66.212	88.827	115.554	144.498	186.278	237.707	309.655	418.526	548.602	762.323
<b>40.0</b>	44.729	68.592	94.772	123.870	163.278	210.456	283.961	390.452	523.692	743.597
<b>42.5</b>	27.527	48.810	74.213	104.304	141.218	185.639	256.726	359.621	496.080	716.500
<b>45.0</b>	15.654	30.130	55.455	84.993	119.827	163.317	230.191	329.213	468.460	686.840
<b>47.5</b>	7.438	12.697	37.907	66.405	99.392	142.358	206.152	300.662	435.373	643.905
<b>50.0</b>	2.703	4.643	22.623	48.310	80.172	121.937	183.037	273.250	402.286	598.044
<b>52.5</b>	1.717	2.325	12.035	31.039	62.693	101.763	158.243	241.880	362.993	540.070
<b>55.0</b>	1.648	1.717	5.036	16.601	45.692	82.067	133.918	211.334	323.700	478.909
<b>57.5</b>	1.578	1.548	1.648	6.560	30.584	64.025	111.511	181.805	283.683	415.230
<b>60.0</b>	1.532	1.463	1.424	3.434	18.980	47.170	90.306	153.245	243.666	350.211
<b>62.5</b>	1.501	1.424	1.363	1.317	10.179	32.171	71.217	127.181	206.783	297.844
<b>65.0</b>	1.478	1.394	1.317	1.263	4.666	18.465	53.192	101.933	169.900	244.583
<b>67.5</b>	1.455	1.347	1.263	1.217	1.987	10.102	37.992	82.721	139.224	204.366
<b>70.0</b>	1.424	1.324	1.232	1.163	1.317	4.874	23.577	64.272	108.539	164.118
<b>72.5</b>	1.424	1.340	1.217	1.116	1.063	2.318	12.998	46.238	86.864	134.095
<b>75.0</b>	1.432	1.324	1.193	1.109	1.001	1.039	3.457	28.413	65.188	104.081
<b>77.5</b>	1.424	1.294	1.178	1.093	0.955	0.832	1.625	17.571	48.402	84.484
<b>80.0</b>	1.432	1.301	1.178	1.055	0.924	0.793	0.924	7.061	31.608	65.612
<b>82.5</b>	1.448	1.317	1.193	1.070	0.947	0.816	0.747	3.750	21.545	49.958
<b>85.0</b>	1.494	1.371	1.240	1.116	0.986	0.847	0.662	0.654	11.481	34.357
<b>87.5</b>	1.540	1.409	1.278	1.155	1.024	0.885	0.724	0.631	6.006	24.478
<b>90.0</b>	1.586	1.455	1.317	1.186	1.055	0.924	0.793	0.662	0.531	14.645
<b>95.0</b>	1.794	1.640	1.494	1.340	1.201	1.063	0.993	0.855	0.662	5.282
<b>100.0</b>	2.079	1.925	1.802	1.625	1.478	1.324	1.186	0.993	0.855	1.455
<b>105.0</b>	2.379	2.256	2.148	1.917	1.740	1.532	1.386	1.178	1.055	1.825
<b>110.0</b>	2.733	2.633	2.479	2.241	2.017	1.840	1.625	1.378	1.255	2.156
<b>115.0</b>	3.165	3.026	2.826	2.587	2.325	2.079	1.833	1.640	1.586	2.595
<b>120.0</b>	3.519	3.373	3.118	2.918	2.641	2.356	2.125	1.902	1.779	2.995
<b>125.0</b>	3.919	3.719	3.450	3.219	2.934	2.641	2.364	2.171	2.110	3.527
<b>130.0</b>	4.250	4.035	3.734	3.450	3.165	2.864	2.610	2.433	2.379	4.004
<b>135.0</b>	4.512	4.281	3.996	3.711	3.442	3.149	2.911	2.780	2.772	4.528
<b>140.0</b>	4.743	4.520	4.273	4.019	3.734	3.473	3.226	3.134	3.165	5.097
<b>145.0</b>	4.913	4.705	4.458	4.220	3.965	3.719	3.503	3.442	3.434	5.744
<b>150.0</b>	5.005	4.820	4.605	4.374	4.158	3.935	3.719	3.727	3.758	6.337
<b>155.0</b>	5.020	4.836	4.651	4.458	4.273	4.089	3.981	3.996	4.027	6.422
<b>160.0</b>	5.005	4.836	4.674	4.497	4.335	4.173	4.204	4.243	4.289	6.322

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**CANDELA TABULATION - (Cont.)**

<b>165.0</b>	4.820	4.705	4.581	4.458	4.312	4.320	4.327	4.343	4.358	6.060
<b>170.0</b>	4.589	4.512	4.435	4.451	4.466	4.489	4.504	4.528	4.551	5.721
<b>175.0</b>	4.520	4.520	4.528	4.528	4.535	4.535	4.543	4.543	4.551	5.159
<b>180.0</b>	4.620	4.620	4.620	4.620	4.620	4.620	4.620	4.620	4.620	4.620
<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<b>100</b>	<b>105</b>	<b>110</b>	<b>115</b>	<b>120</b>	<b>125</b>	<b>130</b>	<b>135</b>	<b>140</b>	<b>145</b>
<b>0.0</b>	751.258	751.258	751.258	751.258	751.258	751.258	751.258	751.258	751.258	751.258
<b>2.5</b>	786.824	805.166	823.099	840.493	857.218	873.141	888.141	902.109	914.945	926.533
<b>5.0</b>	822.090	858.642	894.393	929.082	962.654	1002.455	1040.216	1075.382	1107.683	1136.874
<b>7.5</b>	852.536	907.160	962.100	1027.965	1091.498	1152.228	1209.685	1265.118	1316.846	1362.908
<b>10.0</b>	882.081	955.986	1045.799	1133.217	1219.665	1302.478	1382.943	1458.272	1522.821	1567.427
<b>12.5</b>	907.083	1012.627	1124.254	1235.011	1346.930	1454.314	1538.206	1604.287	1665.525	1710.955
<b>15.0</b>	932.385	1066.558	1199.390	1337.544	1478.662	1564.039	1650.318	1705.234	1737.128	1764.671
<b>17.5</b>	959.813	1114.259	1274.258	1435.573	1553.583	1664.809	1704.741	1744.851	1757.055	1763.623
<b>20.0</b>	984.969	1158.904	1344.304	1500.553	1628.096	1686.315	1730.059	1735.665	1738.213	1728.065
<b>22.5</b>	1003.903	1201.608	1407.468	1556.909	1650.249	1700.352	1705.065	1699.174	1686.847	1660.905
<b>25.0</b>	1020.258	1239.954	1441.486	1591.051	1654.930	1668.513	1659.373	1633.116	1594.901	1562.815
<b>27.5</b>	1030.830	1271.717	1469.876	1586.323	1624.823	1615.537	1578.554	1532.877	1482.889	1434.664
<b>30.0</b>	1040.362	1305.096	1489.526	1568.952	1567.312	1529.590	1470.885	1411.672	1357.741	1315.291
<b>32.5</b>	1042.072	1300.307	1469.607	1519.957	1482.804	1420.188	1350.503	1285.515	1244.035	1216.900
<b>35.0</b>	1041.279	1292.383	1426.479	1431.445	1373.942	1300.568	1229.636	1182.373	1152.613	1133.170
<b>37.5</b>	1029.451	1269.345	1367.674	1334.341	1253.722	1179.078	1124.570	1093.623	1074.604	1064.255
<b>40.0</b>	1011.102	1232.909	1278.362	1213.974	1133.440	1072.541	1035.404	1018.179	1006.906	1004.442
<b>42.5</b>	976.691	1172.417	1166.257	1091.306	1018.433	976.545	957.618	943.881	939.854	938.122
<b>45.0</b>	933.479	1075.074	1046.984	971.232	919.634	892.083	877.569	872.410	872.395	876.938
<b>47.5</b>	867.898	965.033	929.036	864.294	831.169	811.595	805.689	808.246	815.322	826.818
<b>50.0</b>	787.818	849.949	811.349	769.692	749.510	740.840	745.090	751.389	767.120	784.784
<b>52.5</b>	696.326	742.311	707.283	681.465	675.944	677.854	690.829	704.835	722.722	743.450
<b>55.0</b>	602.340	639.539	621.090	607.407	612.058	621.890	641.164	660.414	682.343	706.182
<b>57.5</b>	519.265	549.880	542.927	540.825	555.378	573.442	594.894	619.280	644.536	667.782
<b>60.0</b>	437.329	468.999	476.638	486.594	504.689	527.180	552.598	580.703	605.228	628.382
<b>62.5</b>	366.458	402.772	417.671	434.403	458.373	485.061	513.544	540.632	566.666	589.866
<b>65.0</b>	297.359	344.175	367.459	389.374	416.077	445.075	474.890	501.871	527.766	549.765
<b>67.5</b>	254.000	296.604	321.991	345.822	376.330	408.516	437.167	463.925	490.082	511.303
<b>70.0</b>	214.453	253.700	279.957	306.083	341.972	373.712	400.646	430.037	455.763	478.609
<b>72.5</b>	180.280	217.648	244.798	272.611	309.070	340.833	370.177	398.467	423.192	448.009
<b>75.0</b>	146.431	183.799	216.747	247.863	280.141	312.297	341.480	369.877	395.010	419.080
<b>77.5</b>	121.868	158.012	192.146	223.623	252.198	286.063	316.023	343.882	369.423	392.900
<b>80.0</b>	98.006	133.972	168.722	201.594	231.893	264.302	292.893	319.966	345.938	370.639
<b>82.5</b>	82.598	115.939	150.212	182.706	213.344	243.897	271.825	299.761	326.896	350.935
<b>85.0</b>	66.667	99.053	133.564	165.419	196.219	227.150	256.556	282.944	309.501	332.917
<b>87.5</b>	53.769	85.470	118.926	151.112	181.982	212.458	241.649	267.513	293.586	316.609
<b>90.0</b>	40.972	72.180	104.712	136.844	168.122	198.206	226.580	252.314	278.047	301.270
<b>95.0</b>	25.271	52.391	82.228	112.890	143.020	171.456	199.076	224.717	248.625	269.785
<b>100.0</b>	13.221	35.944	64.056	91.638	120.520	147.878	174.390	197.659	221.075	241.549
<b>105.0</b>	4.204	22.307	46.238	72.711	98.729	125.017	149.434	171.633	192.908	211.527
<b>110.0</b>	2.656	10.618	30.684	54.362	78.509	103.426	126.519	147.932	167.259	184.969
<b>115.0</b>	2.949	4.304	16.101	36.860	59.221	81.119	103.411	123.808	141.541	157.881
<b>120.0</b>	3.326	3.565	5.690	19.673	39.709	60.129	80.242	98.837	115.515	130.885
<b>125.0</b>	3.696	3.827	4.058	6.915	19.758	37.969	56.456	72.157	87.649	101.394
<b>130.0</b>	4.073	4.189	4.343	4.528	6.206	16.832	31.940	47.340	61.407	73.797
<b>135.0</b>	4.589	4.628	4.682	4.805	4.951	6.422	12.435	22.407	35.174	46.816
<b>140.0</b>	5.090	5.051	5.067	5.113	5.213	5.305	5.428	7.777	13.144	21.098
<b>145.0</b>	5.683	5.582	5.482	5.490	5.513	5.552	5.621	5.713	5.852	7.099

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : MW-LED35-MO-D1.IES**

**CANDELA TABULATION - (Cont.)**

<b>150.0</b>	6.245	6.160	6.029	5.890	5.875	5.837	5.860	5.898	5.921	5.991
<b>155.0</b>	6.799	6.722	6.599	6.445	6.299	6.260	6.222	6.145	6.168	6.198
<b>160.0</b>	7.253	7.223	7.092	6.968	6.822	6.707	6.622	6.568	6.522	6.476
<b>165.0</b>	7.661	7.608	7.554	7.477	7.400	7.276	7.169	7.069	6.976	6.884
<b>170.0</b>	6.876	7.916	7.862	7.815	7.777	7.731	7.685	7.638	7.592	7.531
<b>175.0</b>	5.760	6.360	6.945	7.515	8.062	8.046	8.031	8.016	8.000	7.985
<b>180.0</b>	4.620	4.620	4.620	4.620	4.620	4.620	4.620	4.620	4.620	4.620

**Vert. Horizontal Angles**  
**Angles**

	<b>150</b>	<b>155</b>	<b>160</b>	<b>165</b>	<b>170</b>	<b>175</b>	<b>180</b>
<b>0.0</b>	751.258	751.258	751.258	751.258	751.258	751.258	751.258
<b>2.5</b>	936.805	945.660	953.052	966.250	966.458	966.666	966.881
<b>5.0</b>	1162.731	1185.053	1203.656	1218.402	1237.436	1237.944	1238.460
<b>7.5</b>	1403.710	1438.930	1468.274	1491.528	1508.499	1522.321	1523.098
<b>10.0</b>	1607.514	1640.331	1667.835	1689.750	1705.873	1719.102	1720.249
<b>12.5</b>	1731.761	1750.210	1764.540	1775.397	1783.589	1790.442	1791.775
<b>15.0</b>	1775.843	1779.662	1783.982	1785.969	1787.455	1789.026	1790.720
<b>17.5</b>	1766.896	1760.566	1757.109	1755.400	1752.551	1750.911	1753.506
<b>20.0</b>	1723.160	1706.844	1690.735	1681.426	1672.879	1665.672	1669.314
<b>22.5</b>	1634.856	1613.504	1586.223	1568.090	1555.292	1542.087	1546.722
<b>25.0</b>	1520.103	1488.294	1463.092	1442.210	1429.628	1419.264	1419.249
<b>27.5</b>	1399.090	1364.840	1346.599	1327.565	1317.324	1307.468	1306.813
<b>30.0</b>	1285.222	1262.584	1246.838	1237.960	1231.800	1226.417	1226.710
<b>32.5</b>	1193.254	1184.976	1174.111	1172.671	1169.507	1167.312	1168.121
<b>35.0</b>	1123.461	1121.305	1119.957	1120.127	1119.341	1119.942	1120.881
<b>37.5</b>	1065.780	1064.702	1066.604	1064.887	1064.671	1065.896	1067.305
<b>40.0</b>	1002.602	1004.103	1003.903	1006.190	1007.999	1009.093	1009.239
<b>42.5</b>	939.246	941.656	947.985	953.499	957.079	958.742	959.227
<b>45.0</b>	882.997	891.876	902.632	910.309	916.231	919.241	919.773
<b>47.5</b>	839.392	853.145	865.126	874.859	882.458	886.432	887.309
<b>50.0</b>	800.723	816.493	829.867	841.795	849.964	854.869	856.825
<b>52.5</b>	762.893	780.741	794.832	807.437	816.323	821.459	822.783
<b>55.0</b>	726.048	743.481	757.934	770.808	779.225	783.498	785.169
<b>57.5</b>	686.540	703.626	717.363	730.553	739.793	744.498	746.507
<b>60.0</b>	647.462	664.025	679.178	691.098	700.199	705.620	707.838
<b>62.5</b>	607.900	623.361	639.308	651.997	661.330	666.982	669.176
<b>65.0</b>	567.582	584.145	601.416	614.229	622.992	628.197	630.514
<b>67.5</b>	531.446	549.410	565.634	577.816	585.839	595.110	598.482
<b>70.0</b>	500.777	516.816	532.732	544.444	554.847	563.894	566.450
<b>72.5</b>	469.815	487.133	501.778	515.407	525.086	533.148	534.411
<b>75.0</b>	439.508	458.458	473.496	488.064	496.742	502.363	502.379
<b>77.5</b>	412.304	431.354	448.556	462.231	470.424	478.524	482.351
<b>80.0</b>	390.159	408.523	424.324	439.693	448.972	457.927	462.331
<b>82.5</b>	370.439	389.558	404.158	417.663	429.783	437.753	442.303
<b>85.0</b>	352.629	371.995	386.363	399.923	408.962	418.926	422.276
<b>87.5</b>	336.043	355.971	370.062	383.945	391.645	399.376	403.480
<b>90.0</b>	320.967	340.656	354.508	368.368	375.760	383.152	384.692
<b>95.0</b>	289.019	308.008	322.137	334.973	342.242	347.355	348.248
<b>100.0</b>	259.305	276.884	290.174	301.031	309.963	311.650	312.289
<b>105.0</b>	228.428	243.666	254.878	266.597	274.105	276.207	276.330
<b>110.0</b>	200.785	213.005	224.470	234.380	239.632	243.497	244.267
<b>115.0</b>	172.272	184.554	194.925	202.117	207.415	211.226	212.197
<b>120.0</b>	143.805	154.993	164.056	170.940	175.868	178.894	179.733
<b>125.0</b>	113.536	123.916	132.255	139.023	143.659	146.508	147.270
<b>130.0</b>	83.745	93.139	100.978	107.246	111.758	114.222	114.938

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : MW-LED35-MO-D1.IES**

**CANDELA TABULATION - (Cont.)**

<b>135.0</b>	57.203	65.750	72.503	77.847	81.735	83.953	84.854
<b>140.0</b>	29.175	36.975	43.667	48.887	52.753	55.055	55.686
<b>145.0</b>	9.956	13.259	16.709	20.821	23.316	24.540	24.809
<b>150.0</b>	6.052	6.160	6.468	6.614	6.537	6.491	6.468
<b>155.0</b>	6.214	6.237	6.275	6.283	6.283	6.306	6.337
<b>160.0</b>	6.422	6.414	6.422	6.429	6.437	6.445	6.468
<b>165.0</b>	6.853	6.838	6.822	6.784	6.753	6.730	6.730
<b>170.0</b>	7.469	7.407	7.353	7.315	7.284	7.261	7.261
<b>175.0</b>	7.969	7.954	7.939	7.931	7.916	7.916	7.916
<b>180.0</b>	4.620	4.620	4.620	4.620	4.620	4.620	4.620

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : MW-LED35-MO-D1.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	341.67	N.A.	12.70
0-30	719.62	N.A.	26.70
0-40	1122.9	N.A.	41.70
0-60	1812.88	N.A.	67.30
0-80	2242.79	N.A.	83.20
0-90	2385.24	N.A.	88.50
10-90	2304.72	N.A.	85.50
20-40	781.22	N.A.	29.00
20-50	1155.79	N.A.	42.90
40-70	935.29	N.A.	34.70
60-80	429.91	N.A.	16.00
70-80	184.60	N.A.	6.90
80-90	142.45	N.A.	5.30
90-110	193.92	N.A.	7.20
90-120	250.27	N.A.	9.30
90-130	283.36	N.A.	10.50
90-150	304.29	N.A.	11.30
90-180	309.15	N.A.	11.50
110-180	115.22	N.A.	4.30
0-180	2694.39	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	80.52
10-20	261.15
20-30	377.94
30-40	403.28
40-50	374.56
50-60	315.42
60-70	245.31
70-80	184.60
80-90	142.45
90-100	111.37
100-110	82.56
110-120	56.35
120-130	33.09
130-140	15.57
140-150	5.36
150-160	2.63
160-170	1.68
170-180	0.56

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : MW-LED35-MO-D1.IES**

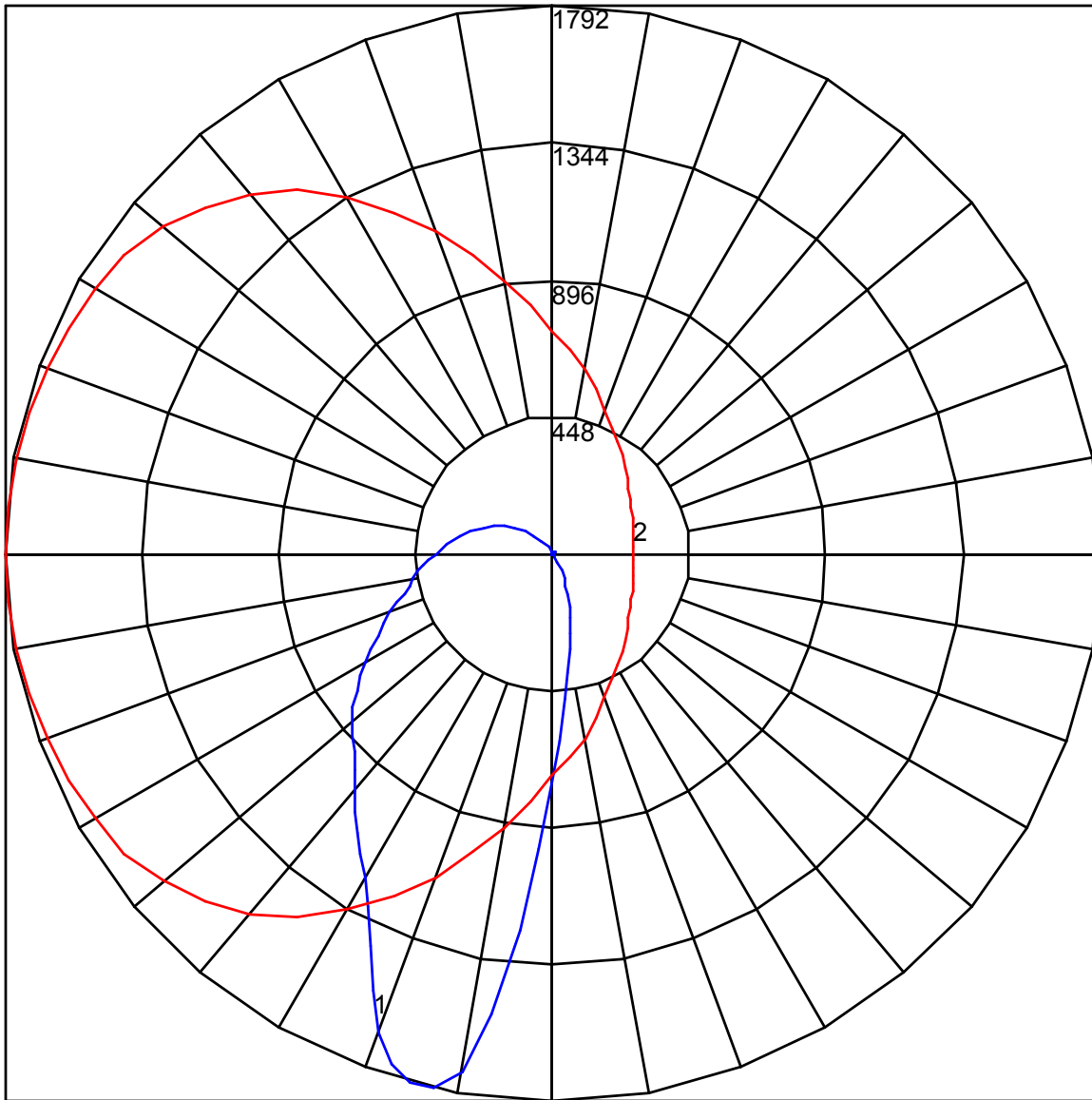
**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	116	116	116	116	112	112	112	112	105	105	105	98	98	98	92	92	92	89
1	105	100	95	91	101	96	92	88	90	87	83	84	81	79	79	77	75	72
2	96	87	80	74	92	84	78	72	79	73	69	74	69	66	69	66	63	60
3	87	77	69	62	84	74	67	61	70	63	58	65	60	56	61	57	53	51
4	80	68	60	53	77	66	58	52	62	55	50	59	53	48	55	50	46	44
5	74	61	52	46	71	59	51	45	56	49	44	53	47	42	50	45	41	38
6	68	55	47	40	66	54	46	40	51	44	38	48	42	37	46	40	36	34
7	64	50	42	36	61	49	41	35	46	39	34	44	38	33	42	36	32	30
8	59	46	38	32	57	45	37	32	43	36	31	41	34	30	39	33	29	27
9	55	42	34	29	53	41	34	29	39	33	28	37	31	27	36	30	26	24
10	52	39	31	26	50	38	31	26	36	30	25	35	29	25	33	28	24	22



POLAR GRAPH



Maximum Candela = 1791.775 Located At Horizontal Angle = 180, Vertical Angle = 12.5  
# 1 - Vertical Plane Through Horizontal Angles (180 - 0) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (12.5) (Through Max. Cd.)