



IES INDOOR REPORT

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

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] L041502001R02
 [TESTLAB] LIGHT LABORATORY, INC.
 [ISSUE DATE] 6/19/2015
 [MANUFAC] PRUDENTIAL LTG.
 [LUMCAT] MW-LED35-HO-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	4269
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	91
Total Luminaire Watts	47
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	58	11851
55	0	52	8879
65	0	54	5264
75	0	25	2404
85	0	4	543

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CANDELA TABULATION

	0	5	10	15	20	25	30	35	40	45
0.0	1190.305	1190.305	1190.305	1190.305	1190.305	1190.305	1190.305	1190.305	1190.305	1190.305
2.5	971.718	972.328	974.597	978.501	984.028	991.116	999.729	1009.782	1021.201	1033.901
5.0	753.118	754.387	758.986	766.868	777.982	792.219	809.482	829.624	852.512	877.936
7.5	626.311	627.263	631.118	637.840	647.356	659.593	674.453	691.801	711.516	732.915
10.0	499.492	500.908	506.202	515.316	528.162	544.620	564.592	586.747	612.111	640.378
12.5	419.729	420.680	424.694	431.734	441.725	454.169	468.602	485.633	513.559	548.988
15.0	339.965	341.210	346.163	354.752	366.659	380.982	398.537	419.180	442.689	468.041
17.5	283.931	284.809	288.750	295.716	304.573	315.956	332.133	353.227	379.603	408.981
20.0	227.896	228.994	233.618	241.401	251.479	264.764	280.807	298.644	319.128	351.128
22.5	183.366	184.171	188.197	194.566	203.398	215.232	231.239	251.601	274.866	299.376
25.0	138.836	139.727	144.216	150.963	160.930	173.374	188.344	206.314	229.933	257.213
27.5	96.600	97.588	102.260	109.080	119.523	131.699	148.413	167.103	188.661	216.147
30.0	54.363	55.571	60.561	68.393	79.349	92.940	108.897	128.198	151.695	177.400
32.5	29.170	29.975	33.001	37.527	42.407	55.144	71.785	91.817	114.204	142.240
35.0	3.977	5.344	9.516	15.762	22.594	28.890	35.441	55.827	79.117	106.506
37.5	3.660	3.599	3.611	3.636	4.380	12.944	18.739	20.520	45.957	72.175
40.0	3.343	3.355	3.404	3.453	3.416	3.331	7.759	10.126	15.360	43.383
42.5	1.671	1.806	2.196	2.855	3.270	3.233	3.306	4.978	4.160	20.264
45.0	0.000	0.146	0.573	1.281	2.135	3.135	3.184	3.135	3.416	3.318
47.5	0.000	0.000	0.000	0.000	0.720	1.928	3.074	3.026	2.977	3.050
50.0	0.000	0.000	0.000	0.000	0.000	0.634	2.074	2.940	2.879	2.867
52.5	0.000	0.000	0.000	0.000	0.000	0.000	0.952	2.586	2.818	2.769
55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.623	2.769	2.708
57.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.720	2.586	2.611
60.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.830	2.538
62.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.135	2.452
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	2.403
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.025
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.574
72.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.196
75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.891
77.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.622
80.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.403
82.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.220
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.098
87.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.024
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.122
100.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.586
105.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.513
110.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.367	3.721
115.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.220	5.209	5.087
120.0	0.000	0.000	0.000	0.000	0.000	0.000	1.781	5.746	5.856	5.746
125.0	0.000	0.000	0.000	0.000	0.000	2.855	6.405	6.551	6.490	6.429
130.0	0.000	0.415	1.635	3.477	5.844	7.259	7.235	7.222	7.149	6.991
135.0	8.150	8.089	8.162	8.003	7.991	7.991	7.893	7.820	7.674	7.503
140.0	8.784	8.808	8.784	8.723	8.662	8.638	8.479	8.333	8.174	7.857
145.0	9.406	9.345	9.309	9.272	9.174	9.028	8.833	8.601	8.369	8.076
150.0	9.614	9.614	9.577	9.479	9.321	9.138	8.943	8.735	8.491	8.223
155.0	9.406	9.406	9.382	9.272	9.138	8.991	8.845	8.686	8.467	8.223
160.0	9.199	9.150	9.089	9.016	8.894	8.760	8.638	8.503	8.357	8.150
165.0	8.577	8.564	8.552	8.516	8.455	8.357	8.235	8.101	7.954	7.796
170.0	7.942	7.930	7.918	7.881	7.845	7.784	7.723	7.613	7.503	7.393
175.0	7.113	7.113	7.113	7.125	7.125	7.125	7.137	7.137	7.149	7.149

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CANDELA TABULATION - (Cont.)

180.0	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320
Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0.0	1190.305	1190.305	1190.305	1190.305	1190.305	1190.305	1190.305	1190.305	1190.305	1190.305
2.5	1047.797	1062.779	1078.712	1095.499	1113.006	1131.086	1149.630	1168.467	1187.487	1217.170
5.0	905.728	935.667	967.521	1001.047	1036.000	1072.112	1109.114	1146.727	1184.657	1243.790
7.5	763.000	807.115	854.085	903.532	955.114	1008.464	1063.193	1118.923	1175.250	1263.212
10.0	671.329	704.733	741.028	806.591	874.899	945.476	1017.822	1091.436	1165.844	1281.964
12.5	587.686	628.947	672.379	718.190	793.207	879.949	968.900	1059.533	1151.265	1294.383
15.0	503.335	552.087	603.888	658.373	719.056	815.326	920.758	1028.082	1136.674	1305.778
17.5	441.128	476.996	536.629	598.544	663.143	748.860	869.189	991.726	1115.873	1309.609
20.0	387.130	425.146	468.309	538.288	611.098	690.081	818.644	955.980	1095.072	1312.110
22.5	332.840	375.345	420.351	479.021	558.723	641.159	765.977	916.403	1068.891	1306.510
25.0	286.907	326.387	374.394	424.328	506.337	596.299	714.627	877.595	1042.697	1299.129
27.5	247.697	281.466	330.339	383.885	455.633	551.830	662.826	836.249	1011.966	1284.355
30.0	209.572	245.854	287.408	344.821	407.297	508.850	612.794	795.867	981.222	1267.787
32.5	172.545	209.950	249.941	306.793	369.001	464.674	571.863	751.727	944.951	1252.086
35.0	138.616	175.387	216.513	266.875	331.657	420.656	532.091	708.539	908.668	1234.054
37.5	104.908	140.739	183.085	228.945	295.142	376.626	490.623	663.119	869.213	1207.837
40.0	70.870	108.678	150.158	196.261	258.701	333.450	449.912	618.638	829.746	1178.166
42.5	43.615	77.336	117.584	165.261	223.748	294.130	406.760	569.789	785.997	1135.234
45.0	24.803	47.739	87.864	134.664	189.856	258.762	364.719	521.611	742.236	1088.240
47.5	11.785	20.118	60.061	105.213	157.478	225.554	326.631	476.373	689.812	1020.213
50.0	4.282	7.357	35.844	76.543	127.026	193.199	290.006	432.941	637.389	947.550
52.5	2.721	3.684	19.069	49.178	99.332	161.235	250.722	383.239	575.132	855.696
55.0	2.611	2.721	7.979	26.303	72.395	130.028	212.182	334.841	512.876	758.791
57.5	2.501	2.452	2.611	10.394	48.458	101.443	176.680	288.054	449.472	657.897
60.0	2.428	2.318	2.257	5.441	30.073	74.737	143.082	242.804	386.069	554.880
62.5	2.379	2.257	2.159	2.086	16.128	50.972	112.838	201.507	327.631	471.908
65.0	2.342	2.208	2.086	2.001	7.393	29.256	84.278	161.504	269.193	387.521
67.5	2.306	2.135	2.001	1.928	3.148	16.006	60.195	131.065	220.588	323.800
70.0	2.257	2.098	1.952	1.842	2.086	7.723	37.356	101.833	171.971	260.031
72.5	2.257	2.123	1.928	1.769	1.684	3.672	20.594	73.261	137.628	212.463
75.0	2.269	2.098	1.891	1.757	1.586	1.647	5.478	45.018	103.285	164.907
77.5	2.257	2.050	1.867	1.732	1.513	1.318	2.574	27.840	76.689	133.858
80.0	2.269	2.062	1.867	1.671	1.464	1.257	1.464	11.187	50.081	103.956
82.5	2.294	2.086	1.891	1.696	1.501	1.293	1.183	5.941	34.136	79.154
85.0	2.367	2.172	1.964	1.769	1.562	1.342	1.049	1.037	18.190	54.436
87.5	2.440	2.233	2.025	1.830	1.623	1.403	1.147	1.000	9.516	38.784
90.0	2.513	2.306	2.086	1.879	1.671	1.464	1.257	1.049	0.842	23.204
95.0	2.843	2.599	2.367	2.123	1.903	1.684	1.574	1.354	1.049	8.369
100.0	3.294	3.050	2.855	2.574	2.342	2.098	1.879	1.574	1.354	2.306
105.0	3.770	3.575	3.404	3.038	2.757	2.428	2.196	1.867	1.671	2.891
110.0	4.331	4.172	3.928	3.550	3.196	2.916	2.574	2.184	1.989	3.416
115.0	5.014	4.795	4.477	4.099	3.684	3.294	2.904	2.599	2.513	4.111
120.0	5.575	5.344	4.941	4.624	4.185	3.733	3.367	3.013	2.818	4.746
125.0	6.210	5.893	5.466	5.100	4.648	4.185	3.745	3.440	3.343	5.588
130.0	6.734	6.393	5.917	5.466	5.014	4.538	4.136	3.855	3.770	6.344
135.0	7.149	6.783	6.332	5.880	5.453	4.990	4.612	4.404	4.392	7.174
140.0	7.515	7.161	6.771	6.368	5.917	5.502	5.112	4.965	5.014	8.076
145.0	7.784	7.454	7.064	6.686	6.283	5.893	5.551	5.453	5.441	9.101
150.0	7.930	7.637	7.296	6.930	6.588	6.234	5.893	5.905	5.954	10.041
155.0	7.954	7.662	7.369	7.064	6.771	6.478	6.307	6.332	6.381	10.175
160.0	7.930	7.662	7.405	7.125	6.869	6.612	6.661	6.722	6.795	10.016

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165.0	7.637	7.454	7.259	7.064	6.832	6.844	6.856	6.881	6.905	9.601
170.0	7.271	7.149	7.027	7.052	7.076	7.113	7.137	7.174	7.210	9.065
175.0	7.161	7.161	7.174	7.174	7.186	7.186	7.198	7.198	7.210	8.174
180.0	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320

Vert. Angles	Horizontal Angles									
	100	105	110	115	120	125	130	135	140	145
0.0	1190.305	1190.305	1190.305	1190.305	1190.305	1190.305	1190.305	1190.305	1190.305	1190.305
2.5	1246.657	1275.717	1304.131	1331.691	1358.189	1383.419	1407.185	1429.315	1449.653	1468.014
5.0	1302.533	1360.446	1417.091	1472.052	1525.244	1588.306	1648.135	1703.852	1755.031	1801.281
7.5	1350.772	1437.319	1524.366	1628.724	1729.387	1825.608	1916.644	2004.472	2086.432	2159.412
10.0	1397.583	1514.679	1656.980	1795.486	1932.456	2063.667	2191.157	2310.509	2412.782	2483.456
12.5	1437.197	1604.422	1781.285	1956.770	2134.097	2304.238	2437.157	2541.858	2638.884	2710.864
15.0	1477.286	1689.871	1900.333	2119.225	2342.815	2478.088	2614.789	2701.800	2752.332	2795.972
17.5	1520.742	1765.450	2018.954	2274.544	2461.521	2637.750	2701.019	2764.569	2783.906	2794.312
20.0	1560.600	1836.185	2129.937	2377.499	2579.580	2671.824	2741.133	2750.014	2754.052	2737.973
22.5	1590.599	1903.847	2230.014	2466.791	2614.680	2694.065	2701.531	2692.198	2672.666	2631.564
25.0	1616.512	1964.603	2283.913	2520.886	2622.097	2643.618	2629.137	2587.535	2526.986	2476.149
27.5	1633.263	2014.928	2328.895	2513.395	2574.395	2559.682	2501.085	2428.715	2349.513	2273.104
30.0	1648.366	2067.815	2360.029	2485.872	2483.273	2423.506	2330.493	2236.675	2151.226	2083.967
32.5	1651.075	2060.226	2328.468	2408.243	2349.378	2250.168	2139.758	2036.790	1971.069	1928.076
35.0	1649.818	2047.672	2260.135	2268.004	2176.895	2060.641	1948.255	1873.371	1826.218	1795.413
37.5	1631.079	2011.170	2166.964	2114.150	1986.416	1868.149	1781.786	1732.754	1702.620	1686.223
40.0	1602.006	1953.440	2025.456	1923.440	1795.840	1699.350	1640.510	1613.218	1595.357	1591.453
42.5	1547.485	1857.596	1847.836	1729.082	1613.621	1547.253	1517.265	1495.500	1489.120	1486.375
45.0	1479.018	1703.364	1658.858	1538.835	1457.083	1413.431	1390.434	1382.260	1382.236	1389.434
47.5	1375.111	1529.014	1471.979	1369.401	1316.917	1285.904	1276.547	1280.597	1291.809	1310.024
50.0	1248.231	1346.673	1285.514	1219.512	1187.536	1173.799	1180.533	1190.513	1215.437	1243.424
52.5	1103.270	1176.129	1120.631	1079.724	1070.977	1074.003	1094.560	1116.751	1145.092	1177.934
55.0	954.357	1013.295	984.064	962.385	969.754	985.333	1015.870	1046.370	1081.115	1118.886
57.5	822.731	871.239	860.222	856.891	879.949	908.571	942.560	981.197	1021.213	1058.045
60.0	692.911	743.090	755.192	770.967	799.637	835.273	875.545	920.075	958.932	995.618
62.5	580.622	638.158	661.765	688.275	726.254	768.539	813.667	856.586	897.835	934.593
65.0	471.140	545.316	582.208	616.930	659.239	705.184	752.423	795.172	836.200	871.056
67.5	402.441	469.944	510.167	547.926	596.263	647.259	692.655	735.050	776.493	810.117
70.0	339.782	401.966	443.568	484.962	541.826	592.115	634.790	681.358	722.118	758.315
72.5	285.639	344.845	387.862	431.929	489.696	540.021	586.515	631.338	670.512	709.833
75.0	232.007	291.214	343.418	392.718	443.860	494.808	541.046	586.039	625.860	663.997
77.5	193.089	250.356	304.439	354.312	399.587	453.242	500.712	544.852	585.319	622.517
80.0	155.282	212.268	267.326	319.408	367.415	418.765	464.064	506.959	548.109	587.247
82.5	130.869	183.695	237.998	289.482	338.025	386.435	430.684	474.946	517.939	556.027
85.0	105.628	156.941	211.621	262.093	310.893	359.900	406.492	448.301	490.379	527.479
87.5	85.193	135.420	188.429	239.425	288.335	336.622	382.873	423.852	465.162	501.640
90.0	64.916	114.363	165.908	216.818	266.375	314.040	358.997	399.770	440.542	477.337
95.0	40.040	83.009	130.284	178.864	226.603	271.657	315.419	356.045	393.926	427.451
100.0	20.947	56.950	101.492	145.192	190.954	234.301	276.306	313.174	350.274	382.714
105.0	6.661	35.343	73.261	115.205	156.428	198.079	236.765	271.938	305.647	335.146
110.0	4.209	16.824	48.617	86.132	124.391	163.870	200.458	234.386	265.008	293.068
115.0	4.673	6.820	25.510	58.401	93.830	128.527	163.846	196.164	224.260	250.149
120.0	5.270	5.649	9.016	31.171	62.915	95.270	127.136	156.599	183.024	207.376
125.0	5.856	6.063	6.429	10.956	31.305	60.158	89.450	114.326	138.873	160.650
130.0	6.454	6.637	6.881	7.174	9.833	26.669	50.606	75.006	97.295	116.925
135.0	7.271	7.332	7.418	7.613	7.845	10.175	19.703	35.502	55.730	74.176
140.0	8.064	8.003	8.028	8.101	8.259	8.406	8.601	12.322	20.825	33.428
145.0	9.004	8.845	8.686	8.699	8.735	8.796	8.906	9.052	9.272	11.248

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CANDELA TABULATION - (Cont.)

150.0	9.894	9.760	9.553	9.333	9.309	9.248	9.284	9.345	9.382	9.492
155.0	10.773	10.651	10.455	10.211	9.980	9.919	9.858	9.736	9.772	9.821
160.0	11.492	11.444	11.236	11.041	10.809	10.626	10.492	10.407	10.333	10.260
165.0	12.139	12.054	11.968	11.846	11.724	11.529	11.358	11.200	11.053	10.907
170.0	10.895	12.542	12.456	12.383	12.322	12.249	12.176	12.102	12.029	11.932
175.0	9.126	10.077	11.004	11.907	12.773	12.749	12.725	12.700	12.676	12.651
180.0	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320

Vert. Horizontal Angles
Angles

	150	155	160	165	170	175	180
0.0	1190.305	1190.305	1190.305	1190.305	1190.305	1190.305	1190.305
2.5	1484.289	1498.319	1510.031	1530.941	1531.271	1531.600	1531.942
5.0	1842.249	1877.617	1907.092	1930.455	1960.613	1961.418	1962.236
7.5	2224.060	2279.863	2326.357	2363.201	2390.090	2411.989	2413.221
10.0	2546.970	2598.966	2642.544	2677.266	2702.812	2723.772	2725.590
12.5	2743.829	2773.060	2795.764	2812.966	2825.947	2836.805	2838.916
15.0	2813.674	2819.725	2826.569	2829.717	2832.071	2834.560	2837.244
17.5	2799.497	2789.469	2783.991	2781.283	2776.769	2774.170	2778.282
20.0	2730.201	2704.350	2678.827	2664.077	2650.535	2639.116	2644.887
22.5	2590.292	2556.461	2513.237	2484.506	2464.229	2443.306	2450.651
25.0	2408.475	2358.077	2318.146	2285.060	2265.125	2248.704	2248.680
27.5	2216.740	2162.474	2133.573	2103.414	2087.188	2071.572	2070.535
30.0	2036.326	2000.458	1975.509	1961.443	1951.683	1943.155	1943.619
32.5	1890.610	1877.495	1860.280	1857.999	1852.985	1849.508	1850.789
35.0	1780.029	1776.613	1774.478	1774.746	1773.502	1774.453	1775.942
37.5	1688.639	1686.931	1689.944	1687.223	1686.882	1688.822	1691.054
40.0	1588.538	1590.917	1590.599	1594.223	1597.090	1598.822	1599.054
42.5	1488.156	1491.975	1502.003	1510.738	1516.411	1519.046	1519.815
45.0	1399.035	1413.102	1430.145	1442.308	1451.690	1456.460	1457.302
47.5	1329.946	1351.736	1370.719	1386.140	1398.181	1404.476	1405.867
50.0	1268.678	1293.664	1314.855	1333.753	1346.697	1354.468	1357.567
52.5	1208.739	1237.019	1259.345	1279.316	1293.395	1301.533	1303.631
55.0	1150.362	1177.983	1200.883	1221.281	1234.616	1241.387	1244.034
57.5	1087.764	1114.836	1136.601	1157.499	1172.139	1179.594	1182.778
60.0	1025.849	1052.091	1076.101	1094.987	1109.407	1117.996	1121.509
62.5	963.166	987.663	1012.929	1033.035	1047.821	1056.776	1060.253
65.0	899.286	925.529	952.893	973.194	987.078	995.325	998.997
67.5	842.032	870.494	896.200	915.500	928.213	942.901	948.245
70.0	793.439	818.852	844.069	862.625	879.108	893.443	897.493
72.5	744.383	771.821	795.025	816.619	831.955	844.728	846.729
75.0	696.364	726.388	750.215	773.297	787.046	795.952	795.977
77.5	653.261	683.444	710.699	732.366	745.347	758.181	764.245
80.0	618.174	647.271	672.305	696.657	711.358	725.546	732.525
82.5	586.930	617.222	640.354	661.752	680.955	693.582	700.792
85.0	558.711	589.394	612.159	633.644	647.966	663.753	669.060
87.5	532.432	564.006	586.332	608.329	620.529	632.777	639.280
90.0	508.545	539.740	561.688	583.648	595.360	607.072	609.512
95.0	457.927	488.012	510.399	530.737	542.253	550.354	551.769
100.0	410.847	438.700	459.757	476.959	491.111	493.783	494.795
105.0	361.925	386.069	403.832	422.401	434.296	437.626	437.821
110.0	318.127	337.489	355.654	371.356	379.676	385.801	387.021
115.0	272.951	292.410	308.843	320.238	328.631	334.670	336.208
120.0	227.847	245.574	259.933	270.840	278.648	283.443	284.772
125.0	179.889	196.335	209.547	220.271	227.615	232.129	233.337
130.0	132.687	147.571	159.991	169.922	177.071	180.975	182.109

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CANDELA TABULATION - (Cont.)

135.0	90.634	104.176	114.875	123.342	129.503	133.017	134.444
140.0	46.226	58.584	69.186	77.458	83.582	87.230	88.230
145.0	15.775	21.008	26.474	32.989	36.942	38.881	39.308
150.0	9.589	9.760	10.248	10.480	10.358	10.285	10.248
155.0	9.845	9.882	9.943	9.955	9.955	9.992	10.041
160.0	10.175	10.163	10.175	10.187	10.199	10.211	10.248
165.0	10.858	10.834	10.809	10.748	10.699	10.663	10.663
170.0	11.834	11.736	11.651	11.590	11.541	11.505	11.505
175.0	12.627	12.603	12.578	12.566	12.542	12.542	12.542
180.0	7.320	7.320	7.320	7.320	7.320	7.320	7.320

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MW-LED35-HO-D1.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	541.35	N.A.	12.70
0-30	1140.17	N.A.	26.70
0-40	1779.13	N.A.	41.70
0-60	2872.36	N.A.	67.30
0-80	3553.51	N.A.	83.20
0-90	3779.22	N.A.	88.50
10-90	3651.64	N.A.	85.50
20-40	1237.78	N.A.	29.00
20-50	1831.25	N.A.	42.90
40-70	1481.89	N.A.	34.70
60-80	681.16	N.A.	16.00
70-80	292.49	N.A.	6.90
80-90	225.70	N.A.	5.30
90-110	307.26	N.A.	7.20
90-120	396.53	N.A.	9.30
90-130	448.96	N.A.	10.50
90-150	482.12	N.A.	11.30
90-180	489.82	N.A.	11.50
110-180	182.56	N.A.	4.30
0-180	4269.03	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	127.58
10-20	413.78
20-30	598.82
30-40	638.96
40-50	593.47
50-60	499.76
60-70	388.67
70-80	292.49
80-90	225.70
90-100	176.45
100-110	130.81
110-120	89.28
120-130	52.43
130-140	24.67
140-150	8.49
150-160	4.16
160-170	2.65
170-180	0.88

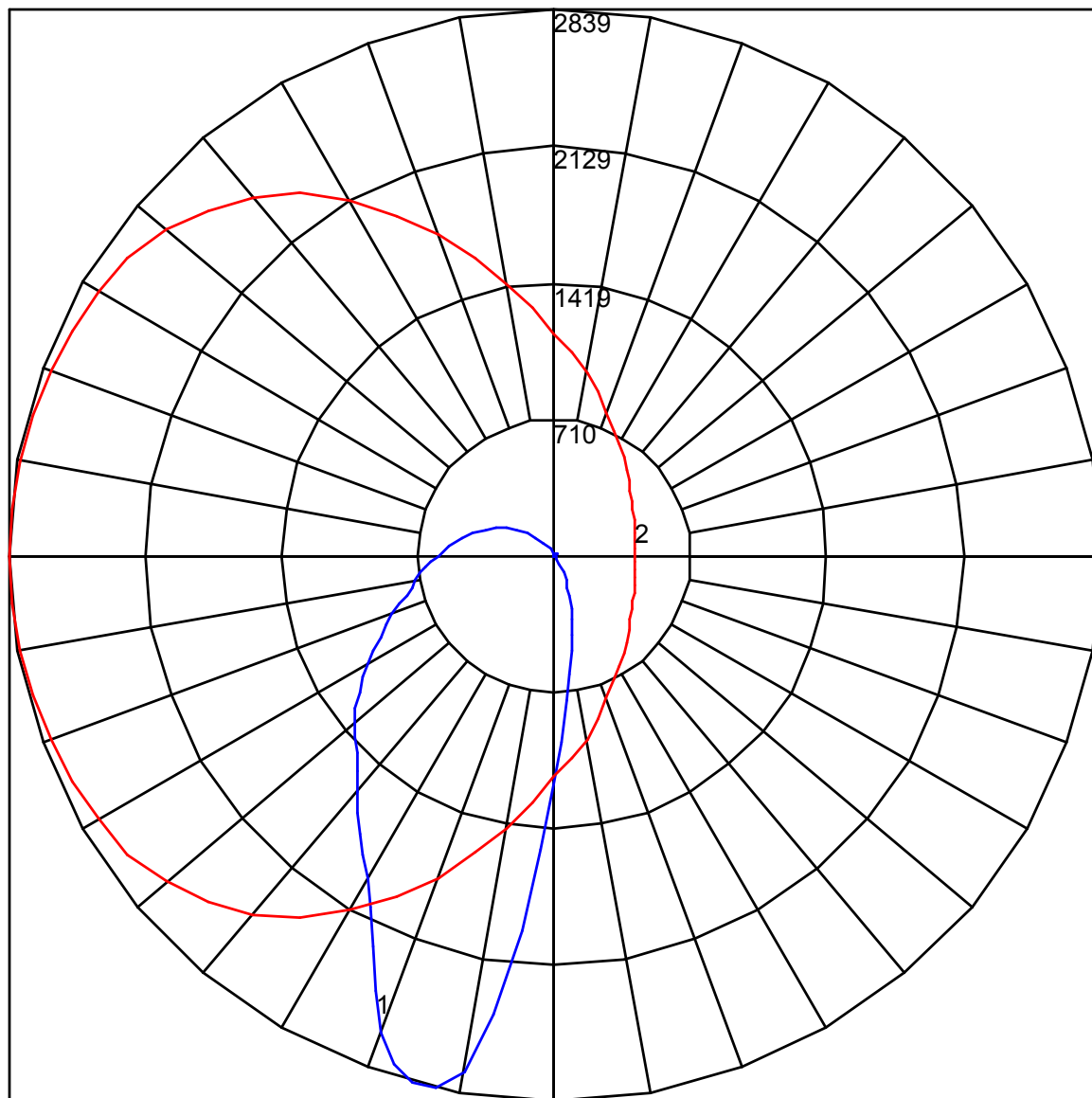
IES INDOOR REPORT
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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 = 2838.916 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.)