

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : WV2-LED35-80-MO-4-SAL-TMW-D3-SYM.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] L112411501

[TESTLAB] LIGHT LABORATORY, INC. ([www.lightlaboratory.com](http://www.lightlaboratory.com))

[ISSUE DATE] 12/2/2024

[MANUFAC] PRUDENTIAL LIGHTING

[LUMCAT] WV2-LED35-80-MO-4-SAL-D3-SYM-SC-UNV-DM01-ADC

[LUMINAIRE] (1) OSRAM OTi-50 PROGRAMMED @ 1192 mA (1) OSRAM OTi-50 PROGRAMMED @ 1246 mA"

[BALLASTCAT] OPTOTRONIC OTi 50/120-277/1A4 DIM-1 L G2 (2)

[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND

[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.

[TEST PROCEDURE] IESNA:LM-79-19

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6437
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	131
Total Luminaire Watts	49.2
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	3.50 ft
Luminous Width (90-270)	0.31 ft
Luminous Height	0.21 ft

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

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	8634	6016	5403
55	7786	4824	4222
65	6729	3597	3076
75	5257	2280	1933
85	2467	909	855

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**CANDELA TABULATION**

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>	<u>112.5</u>	<u>135.0</u>	<u>157.5</u>	<u>180.0</u>
0	1107.17	1107.17	1107.17	1107.17	1107.17	1107.17	1107.17	1107.17	1107.17
1	1105.58	1106.64	1107.17	1108.76	1107.70	1108.23	1107.17	1106.11	1105.58
2	1105.05	1106.11	1106.11	1108.23	1107.17	1107.17	1106.11	1104.52	1104.52
3	1103.99	1105.05	1105.05	1107.17	1105.58	1105.58	1105.05	1102.93	1102.93
4	1101.87	1102.93	1103.46	1105.58	1103.99	1103.99	1102.93	1101.34	1101.34
5	1099.22	1100.81	1100.81	1103.46	1101.34	1100.81	1100.28	1098.69	1099.22
6	1096.57	1098.16	1098.16	1100.28	1098.16	1097.63	1097.63	1095.51	1096.04
7	1092.86	1094.98	1094.45	1097.63	1094.98	1094.45	1094.45	1091.80	1091.80
8	1089.15	1091.27	1090.74	1093.92	1091.27	1090.21	1090.21	1087.03	1088.09
9	1084.91	1087.03	1086.50	1089.68	1086.50	1085.44	1085.44	1082.26	1082.79
10	1079.61	1081.73	1081.20	1084.91	1081.73	1080.67	1080.67	1076.96	1078.02
11	1074.31	1076.43	1075.90	1079.61	1075.90	1074.84	1074.84	1071.13	1072.19
12	1067.95	1070.60	1069.54	1073.78	1069.54	1069.01	1068.48	1064.77	1065.83
13	1061.59	1064.24	1063.18	1067.42	1063.18	1062.12	1062.12	1057.88	1059.47
14	1054.70	1057.35	1056.29	1060.53	1055.76	1055.23	1054.70	1050.99	1052.58
15	1046.22	1049.93	1048.87	1053.11	1048.87	1047.28	1047.81	1043.04	1044.63
16	1038.80	1041.98	1040.92	1045.69	1040.39	1038.80	1039.33	1034.56	1036.15
17	1029.79	1033.50	1032.44	1037.21	1031.91	1030.32	1030.85	1025.02	1027.67
18	1020.78	1025.02	1023.43	1028.73	1022.90	1020.78	1021.84	1016.54	1018.13
19	1011.77	1015.48	1013.89	1018.66	1013.36	1011.24	1012.30	1006.47	1008.59
20	1001.70	1005.94	1004.35	1009.65	1003.82	1001.17	1003.29	996.93	999.05
21	991.10	995.87	993.75	998.52	993.22	990.57	992.16	985.80	988.98
22	980.50	985.27	983.68	988.45	982.62	979.97	981.56	975.73	978.38
23	969.90	974.67	972.02	977.32	971.49	968.31	969.90	964.07	967.25
24	958.24	963.54	959.83	966.19	959.30	955.59	958.77	952.41	955.06
25	946.05	951.35	948.70	954.00	948.17	944.46	946.58	940.22	942.87
26	933.86	939.16	935.98	941.81	934.92	931.21	934.92	927.50	930.68
27	921.67	926.44	923.79	929.09	922.73	919.55	921.67	914.78	917.96
28	908.95	913.19	910.01	916.37	908.95	904.71	908.42	901.53	904.18
29	895.70	900.47	897.82	902.59	896.23	892.52	895.70	888.28	891.99
30	881.92	886.69	883.51	889.34	881.92	877.68	882.45	875.03	877.15
31	867.08	873.44	869.73	875.03	868.14	863.37	868.67	860.19	864.96
32	854.36	859.13	855.42	861.25	853.30	849.59	853.83	846.94	849.59
33	838.46	845.35	841.11	846.41	838.46	834.75	839.52	831.57	836.34
34	825.21	829.98	826.27	831.57	823.62	819.91	824.68	817.79	820.44
35	809.31	815.67	811.43	816.20	808.78	805.07	808.78	801.89	805.60
36	796.06	800.83	796.59	801.36	793.41	789.17	794.47	787.58	790.76
37	779.10	785.46	781.22	784.40	776.98	773.27	778.57	771.68	775.39
38	765.32	770.09	765.32	770.62	761.61	757.37	763.73	756.84	760.55
39	748.36	754.72	749.95	753.13	745.18	741.47	747.30	740.94	744.65
40	732.46	739.35	733.52	738.82	729.81	725.57	732.46	724.51	729.28
41	717.09	723.45	718.15	720.80	712.85	709.14	716.03	709.14	713.38
42	701.19	707.55	701.19	706.49	697.48	692.71	700.13	692.18	697.48
43	685.29	691.65	685.82	688.47	679.99	676.28	683.17	676.81	681.58
44	669.39	674.69	668.86	672.04	663.56	658.26	666.21	659.85	665.15
45	652.96	659.32	652.96	655.08	646.60	643.42	650.84	643.95	649.25
46	636.53	642.36	636.00	638.65	630.17	625.40	633.88	627.52	632.82
47	620.63	626.46	620.63	622.22	613.74	610.56	617.98	611.09	616.92
48	604.20	609.50	603.14	605.79	596.78	593.07	601.02	594.66	600.49
49	587.77	593.60	585.65	588.83	579.29	576.64	585.12	578.23	584.06
50	571.34	576.64	570.28	572.40	563.92	559.68	567.63	561.80	567.63
51	554.91	560.74	552.79	555.97	546.43	542.72	551.20	544.84	551.20
52	538.48	543.78	536.89	539.01	530.53	525.76	534.77	528.94	533.18
53	522.05	526.29	519.93	522.58	513.57	509.33	518.34	511.45	516.75

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**CANDELA TABULATION - (Cont.)**

54	505.62	510.92	504.03	506.15	497.67	492.37	501.91	496.08	500.32
55	489.19	493.43	487.07	489.72	480.71	476.47	484.42	478.59	483.89
56	471.17	477.53	470.64	473.29	464.28	460.04	468.52	461.63	467.46
57	455.80	460.57	454.21	456.86	448.38	443.61	451.56	445.73	451.03
58	438.31	444.67	437.78	440.96	431.95	427.71	436.19	428.77	434.60
59	423.47	427.71	421.35	424.53	416.05	411.81	419.23	413.40	418.70
60	405.45	411.28	405.45	407.04	399.62	395.91	402.80	395.91	402.27
61	390.61	394.85	389.02	392.73	383.72	380.01	386.90	380.54	385.84
62	372.59	378.95	373.12	375.24	367.82	364.11	370.47	363.58	369.41
63	357.75	362.52	357.22	361.46	352.98	348.74	355.10	348.21	353.51
64	340.26	346.62	341.85	344.50	337.61	333.37	338.67	331.78	337.08
65	323.83	330.19	324.89	330.19	321.71	316.41	323.83	315.35	320.65
66	307.93	314.29	310.05	313.76	306.87	302.63	307.40	299.45	304.75
67	292.03	298.39	294.15	299.98	291.50	286.73	292.56	284.08	288.85
68	275.60	282.49	278.78	283.55	277.72	272.95	276.66	268.18	272.95
69	260.23	266.59	263.94	269.24	262.35	257.05	261.82	252.81	255.46
70	244.33	251.22	248.57	254.40	248.57	243.80	246.45	237.44	241.68
71	228.43	235.32	233.20	240.09	233.73	228.43	231.61	222.07	224.19
72	213.06	220.48	218.36	225.78	219.95	214.12	217.30	206.17	210.41
73	197.69	204.58	204.05	211.47	206.17	200.34	202.46	191.86	193.45
74	176.49	189.74	188.15	197.69	192.92	182.85	188.15	175.43	179.67
75	168.01	174.37	175.43	184.44	178.08	174.37	174.37	163.77	163.24
76	153.17	160.06	163.24	171.19	166.95	161.12	160.59	148.40	148.40
77	138.86	145.75	149.46	157.94	154.23	148.40	147.34	135.15	134.09
78	124.02	131.97	136.21	145.22	141.51	135.68	133.56	120.84	119.78
79	110.24	118.19	123.49	133.03	129.85	123.49	121.37	108.12	106.00
80	96.99	104.94	110.77	120.31	117.66	111.83	108.12	94.34	92.75
81	83.21	92.75	99.11	108.12	106.53	100.70	95.93	82.15	80.03
82	71.02	79.50	86.92	96.99	95.40	89.57	84.27	71.02	66.78
83	58.30	67.84	75.79	86.92	84.80	78.97	73.67	58.83	55.12
84	47.70	56.71	65.19	75.79	74.73	68.90	62.54	48.23	45.05
85	36.57	46.64	55.65	65.72	65.72	59.89	52.47	38.16	33.39
86	27.03	36.04	46.11	56.71	56.71	51.41	44.52	29.15	23.85
87	18.02	27.03	38.16	48.76	48.76	43.46	36.04	21.20	15.90
88	10.60	19.61	30.74	41.34	41.34	36.57	28.62	14.84	8.48
89	4.24	13.25	24.38	33.92	34.98	29.15	22.26	9.54	3.18
90	3.18	2.65	2.12	2.12	2.12	3.18	4.77	4.24	2.65
91	9.01	5.30	4.24	4.77	6.89	10.07	12.72	11.13	8.48
92	18.02	12.72	11.13	12.19	16.43	20.14	22.26	21.20	18.02
93	28.09	22.79	21.20	22.79	27.03	31.27	33.92	32.86	28.62
94	40.28	37.63	32.33	34.98	38.69	42.93	46.11	44.52	42.40
95	51.94	48.76	46.11	46.11	50.88	55.12	58.30	57.77	53.00
96	64.13	60.95	57.24	59.36	64.13	68.90	71.55	71.02	65.72
97	78.44	74.20	74.20	72.08	77.38	82.15	85.33	84.27	80.03
98	91.69	86.92	93.28	85.86	91.16	96.46	100.17	97.52	93.28
99	106.53	101.23	103.35	117.13	105.47	110.77	115.01	113.42	108.12
100	119.78	115.54	119.25	120.84	122.43	126.14	131.97	128.26	123.49
101	137.27	131.44	133.03	135.15	136.21	144.69	148.40	144.16	139.39
102	151.58	146.28	146.28	152.11	156.35	161.65	161.65	159.53	155.29
103	168.54	163.24	161.12	169.60	172.25	177.55	175.96	177.02	171.72
104	177.02	178.61	173.84	182.32	189.21	189.21	193.98	188.15	189.74
105	201.93	193.98	193.45	197.69	202.99	207.76	212.53	210.41	205.64
106	218.36	213.06	209.88	213.06	218.89	224.72	230.02	228.43	223.66
107	236.91	230.55	227.90	230.02	236.38	243.27	248.04	246.98	241.68
108	256.52	248.57	246.45	248.04	254.93	261.82	267.12	266.06	261.82
109	274.01	268.18	263.41	266.59	273.48	280.90	286.20	284.08	279.31

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**CANDELA TABULATION - (Cont.)**

110	293.09	286.20	282.49	285.14	292.56	299.98	304.75	304.75	298.39
111	313.76	305.28	301.04	304.22	311.64	319.06	324.36	323.30	318.00
112	332.31	325.95	321.18	323.83	331.25	338.67	343.97	343.97	338.14
113	351.92	345.03	340.79	343.44	350.86	358.81	364.11	364.64	360.40
114	372.06	364.11	360.93	363.05	371.00	378.95	384.78	385.84	378.95
115	391.67	385.31	381.07	383.19	391.14	399.62	405.45	405.45	402.27
116	411.28	404.92	401.74	403.86	411.81	420.29	426.65	426.12	422.41
117	432.48	428.24	422.94	426.12	433.54	442.02	448.38	447.32	443.61
118	453.68	447.85	443.61	445.73	453.68	462.69	469.05	468.52	462.69
119	474.88	470.64	464.81	467.99	475.94	484.95	491.31	490.25	486.54
120	496.61	491.31	486.54	488.66	496.61	505.62	511.98	512.51	506.15
121	518.34	514.10	508.27	511.45	519.40	528.41	535.30	534.24	530.53
122	540.60	535.83	530.00	533.18	541.13	550.67	557.56	556.50	552.26
123	562.86	558.09	552.26	555.44	563.39	572.93	580.35	578.76	574.52
124	585.12	580.35	575.58	577.70	585.65	595.72	602.08	601.55	597.31
125	607.38	602.61	597.31	600.49	607.91	617.98	625.93	623.81	620.10
126	632.29	625.40	621.69	623.81	631.76	641.83	648.72	647.66	642.89
127	652.43	648.19	643.42	645.54	652.96	663.03	670.98	669.39	665.15
128	677.34	670.45	667.27	669.39	677.34	687.41	694.30	693.24	688.47
129	698.54	693.24	689.00	691.12	699.07	709.14	717.09	714.97	711.26
130	723.45	716.56	712.85	714.97	722.39	732.99	739.88	738.82	734.05
131	743.59	738.82	735.64	737.76	745.71	755.78	762.67	762.14	756.84
132	768.50	761.61	758.96	760.55	768.50	779.10	785.99	784.93	779.63
133	791.29	785.99	781.75	783.34	791.29	801.36	808.25	808.78	802.95
134	814.08	807.72	804.01	806.66	814.08	824.15	831.04	831.04	825.21
135	836.34	831.04	826.80	828.92	836.87	846.94	853.30	853.83	848.00
136	859.13	852.24	849.59	851.71	859.13	869.73	876.09	876.09	870.26
137	881.39	875.56	871.85	873.97	881.92	891.46	899.41	898.35	892.52
138	903.12	897.82	894.11	896.23	904.18	913.72	921.14	920.08	916.37
139	924.85	919.55	915.84	918.49	925.91	935.45	942.87	941.81	936.51
140	946.58	941.28	937.57	940.22	947.64	957.18	964.07	963.01	959.30
141	967.78	962.48	959.30	961.42	968.84	978.38	985.27	984.74	978.91
142	988.98	984.74	981.03	984.21	991.10	1000.11	1007.00	1004.88	1001.70
143	1009.65	1004.35	1000.64	1003.29	1010.71	1019.72	1026.61	1025.55	1020.25
144	1030.32	1025.55	1022.37	1026.08	1031.91	1040.92	1047.81	1045.69	1042.51
145	1049.93	1044.63	1041.45	1044.10	1051.52	1060.00	1066.36	1064.77	1060.53
146	1069.01	1065.30	1062.12	1065.30	1071.66	1080.14	1086.50	1084.38	1081.73
147	1088.09	1083.85	1081.20	1084.91	1090.74	1098.69	1105.05	1103.99	1100.81
148	1106.11	1102.93	1099.75	1103.46	1109.29	1117.24	1123.07	1120.95	1119.36
149	1125.72	1120.95	1119.36	1121.48	1128.37	1135.79	1141.09	1141.09	1136.85
150	1141.62	1138.44	1135.79	1138.97	1145.86	1152.22	1158.05	1156.99	1154.34
151	1160.17	1155.40	1153.81	1156.46	1162.82	1170.24	1174.48	1173.95	1170.77
152	1175.01	1171.83	1170.24	1172.89	1179.25	1185.61	1190.38	1189.85	1187.20
153	1192.50	1188.26	1186.67	1189.32	1195.15	1202.57	1206.28	1205.75	1202.57
154	1206.28	1203.63	1202.57	1204.69	1210.52	1217.41	1221.12	1221.12	1217.94
155	1223.24	1218.47	1217.41	1219.53	1225.36	1232.25	1235.96	1235.43	1232.78
156	1237.02	1233.31	1232.25	1234.37	1239.67	1246.56	1249.74	1249.21	1246.56
157	1251.86	1247.09	1246.03	1248.68	1253.98	1259.81	1262.99	1262.46	1260.34
158	1264.05	1260.87	1259.28	1262.46	1266.70	1273.06	1276.24	1275.18	1273.06
159	1276.77	1273.06	1272.00	1274.65	1279.42	1285.25	1287.37	1286.84	1284.72
160	1288.96	1285.78	1284.19	1287.37	1291.08	1296.91	1299.56	1298.50	1296.91
161	1299.56	1296.38	1296.38	1297.97	1302.74	1308.04	1310.16	1309.10	1307.51
162	1310.16	1308.04	1306.98	1309.63	1313.34	1319.17	1320.76	1319.17	1318.64
163	1320.76	1318.11	1317.58	1320.23	1323.94	1329.24	1330.30	1329.24	1328.71
164	1330.83	1328.18	1327.12	1329.77	1333.48	1338.25	1339.84	1338.78	1338.25
165	1338.78	1337.19	1337.19	1339.31	1343.02	1347.26	1348.32	1347.26	1346.73

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CANDELA TABULATION - (Cont.)

166	1347.79	1345.67	1345.67	1347.79	1350.97	1355.21	1356.27	1355.21	1355.21
167	1355.74	1354.15	1354.15	1355.74	1359.98	1363.16	1363.69	1362.63	1362.10
168	1363.16	1361.57	1361.57	1363.16	1366.34	1370.05	1370.58	1368.99	1369.52
169	1370.05	1367.93	1368.46	1370.05	1373.76	1376.41	1377.47	1375.88	1375.88
170	1375.88	1374.29	1374.82	1376.41	1379.59	1381.71	1381.71	1381.71	1381.71
171	1382.24	1380.65	1380.65	1382.24	1384.89	1387.01	1387.54	1386.48	1385.95
172	1387.01	1384.89	1385.95	1387.01	1390.19	1391.78	1391.78	1391.25	1391.25
173	1392.31	1390.19	1390.19	1391.78	1394.96	1396.02	1396.02	1395.49	1394.43
174	1396.55	1394.43	1394.96	1395.49	1399.20	1399.20	1399.20	1398.67	1398.14
175	1399.20	1397.61	1397.61	1398.67	1401.85	1401.85	1401.85	1400.79	1401.32
176	1402.38	1400.79	1400.79	1401.85	1404.50	1404.50	1403.97	1403.44	1403.44
177	1404.50	1402.91	1403.44	1403.97	1406.62	1406.09	1405.56	1405.03	1405.56
178	1406.09	1404.50	1405.03	1405.56	1407.68	1407.15	1406.09	1406.09	1407.15
179	1407.15	1405.56	1406.09	1407.15	1408.74	1407.15	1406.62	1406.62	1407.68
180	1407.68	1407.68	1407.68	1407.68	1407.68	1407.68	1407.68	1407.68	1407.68

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WV2-LED35-80-MO-4-SAL-TMW-D3-SYM.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	399.72	N.A.	6.20
0-30	835.66	N.A.	13.00
0-40	1341.71	N.A.	20.80
0-60	2276.92	N.A.	35.40
0-80	2781.74	N.A.	43.20
0-90	2841.67	N.A.	44.10
10-90	2737.23	N.A.	42.50
20-40	941.99	N.A.	14.60
20-50	1443.64	N.A.	22.40
40-70	1255.56	N.A.	19.50
60-80	504.81	N.A.	7.80
70-80	184.47	N.A.	2.90
80-90	59.93	N.A.	0.90
90-110	276.29	N.A.	4.30
90-120	666.66	N.A.	10.40
90-130	1213.55	N.A.	18.90
90-150	2519.61	N.A.	39.10
90-180	3595.7	N.A.	55.90
110-180	3319.41	N.A.	51.60
0-180	6437.37	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	104.44
10-20	295.28
20-30	435.95
30-40	506.04
40-50	501.65
50-60	433.57
60-70	320.35
70-80	184.47
80-90	59.93
90-100	60.13
100-110	216.16
110-120	390.37
120-130	546.89
130-140	647.54
140-150	658.51
150-160	564.54
160-170	378.58
170-180	132.98

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WV2-LED35-80-MO-4-SAL-TMW-D3-SYM.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	106	106	106	106	97	97	97	97	80	80	80	65	65	65	51	51	51	44
1	96	92	88	85	88	84	81	78	70	68	66	57	55	54	45	44	43	37
2	88	80	74	69	80	74	69	64	61	58	54	50	47	45	39	38	36	31
3	80	71	63	58	73	65	59	54	54	50	46	44	41	38	35	33	31	26
4	73	63	55	49	67	58	51	45	48	43	39	39	36	33	31	29	26	23
5	67	56	48	42	61	51	44	39	43	38	34	35	31	28	28	25	23	20
6	62	50	42	36	56	46	39	34	39	33	29	32	28	25	26	23	20	17
7	57	45	37	32	52	42	35	30	35	30	26	29	25	22	23	20	18	15
8	53	41	33	28	48	38	31	26	32	27	23	27	22	19	21	18	16	14
9	49	37	30	25	45	35	28	23	29	24	20	24	20	17	20	17	15	12
10	46	34	27	22	42	32	25	21	27	22	18	23	19	16	18	15	13	11

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WV2-LED35-80-MO-4-SAL-TMW-D3-SYM.IES**

**UGR TABLE - CORRECTED**

Reflectances

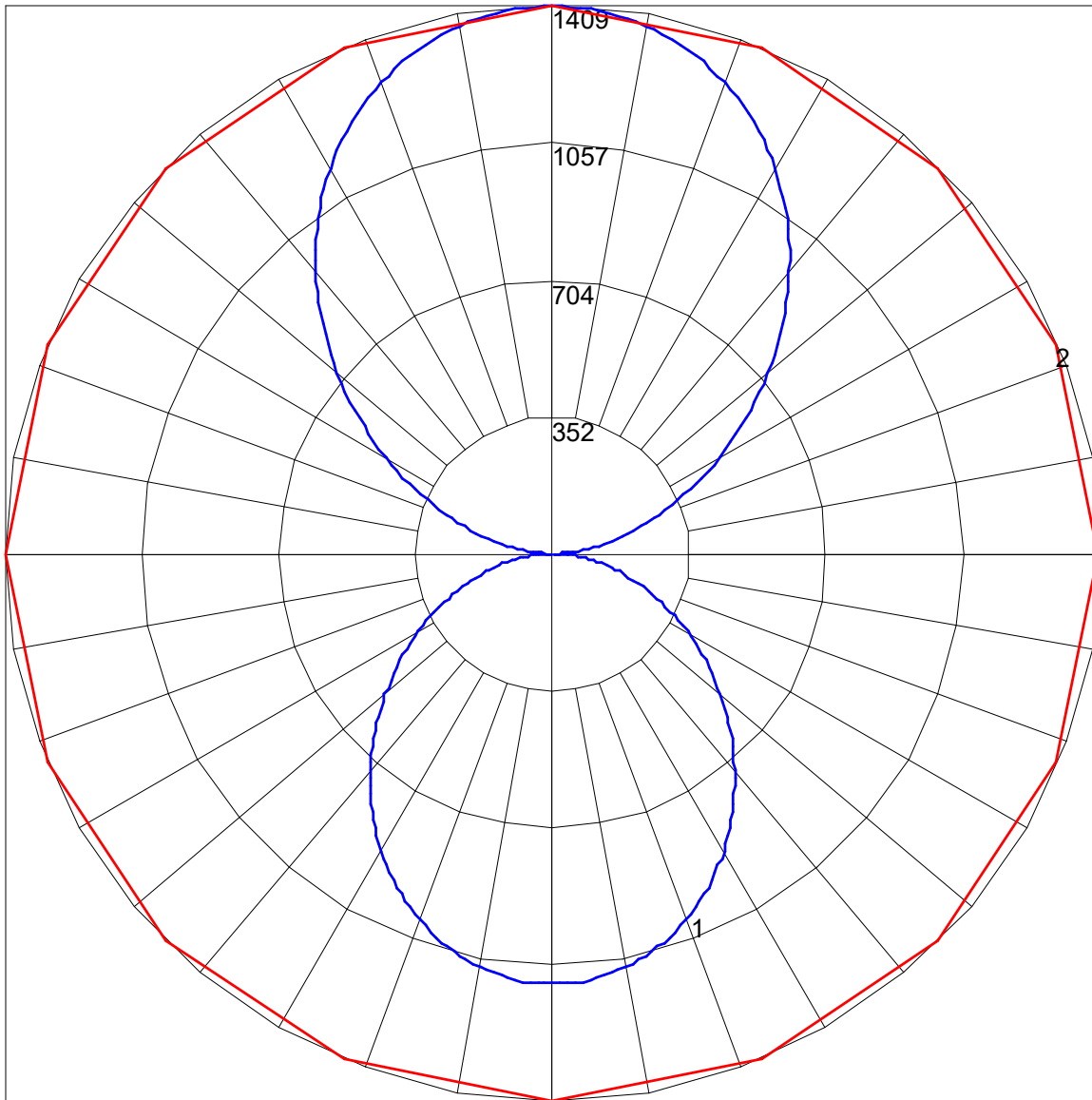
Ceiling Cavity	70	70	50	50	30	70	70	50	50	30
Walls	50	30	50	30	30	50	30	50	30	30
Floor Cavity	20	20	20	20	20	20	20	20	20	20

Room Size		UGR Viewed Crosswise					UGR Viewed Endwise				
X=2H	Y=2H	12.6	13.4	13.6	14.4	15.8	13.7	14.5	14.7	15.5	16.9
	3H	13.9	14.6	14.9	15.6	17.0	15.3	16.0	16.3	17.1	18.5
	4H	14.2	14.9	15.3	15.9	17.3	15.9	16.6	17.0	17.7	19.0
	6H	14.4	15.0	15.5	16.1	17.5	16.4	17.0	17.5	18.1	19.5
	8H	14.4	15.0	15.5	16.1	17.5	16.6	17.2	17.6	18.2	19.6
	12H	14.4	15.0	15.5	16.0	17.4	16.7	17.3	17.7	18.3	19.7
4H	2H	13.1	13.8	14.1	14.8	16.2	14.0	14.7	15.0	15.7	17.1
	3H	14.5	15.1	15.6	16.2	17.6	15.8	16.3	16.8	17.4	18.8
	4H	15.0	15.5	16.0	16.6	18.0	16.5	17.0	17.5	18.1	19.5
	6H	15.3	15.7	16.3	16.8	18.2	17.1	17.5	18.1	18.6	20.0
	8H	15.3	15.7	16.4	16.8	18.2	17.3	17.7	18.3	18.8	20.2
	12H	15.3	15.7	16.4	16.8	18.2	17.4	17.8	18.5	18.9	20.3
8H	4H	15.2	15.6	16.3	16.7	18.1	16.6	17.0	17.6	18.0	19.5
	6H	15.6	15.9	16.6	17.0	18.4	17.2	17.6	18.3	18.7	20.1
	8H	15.7	16.0	16.7	17.1	18.5	17.5	17.8	18.6	18.9	20.3
	12H	15.7	15.9	16.8	17.0	18.5	17.7	18.0	18.8	19.1	20.6
12H	4H	15.2	15.6	16.3	16.7	18.1	16.5	16.9	17.6	18.0	19.4
	6H	15.6	15.9	16.7	17.0	18.4	17.2	17.5	18.3	18.6	20.1
	8H	15.7	16.0	16.8	17.1	18.5	17.5	17.8	18.6	18.9	20.3

Maximum UGR = 20.6



POLAR GRAPH



Maximum Candela = 1408.74 Located At Horizontal Angle = 90, Vertical Angle = 179  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (179) (Through Max. Cd.)