

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : WV2-LED35-80-MO-4-D2-SACW.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

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

[ISSUE DATE] 11/21/2024

[MANUFAC] Prudential Lighting

[LUMCAT] WV2-LED35-80-MO-4'-SAL-TMW-D2-SACW-SC-UNV-DM01

[LUMINAIRE] LED PENDANT LUMINAIRE

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

[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	3171
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	127
Total Luminaire Watts	25
Ballast Factor	1.00
CIE Type	Indirect
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.58 ft
Luminous Width (90-270)	4.00 ft
Luminous Height	0.00 ft

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

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	0	0	0
55	0	0	0
65	0	0	0
75	0	0	0
85	0	0	0

IES INDOOR REPORT  
 PHOTOMETRIC FILENAME : WV2-LED35-80-MO-4-D2-SACW.IES

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WV2-LED35-80-MO-4-D2-SACW.IES**

**CANDELA TABULATION - (Cont.)**

54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
91	9.01	48.23	28.62	49.29	4.24	1.06	1.59	1.59	1.59
92	84.80	110.77	117.13	106.00	8.48	2.65	3.18	2.12	2.65
93	169.07	205.11	175.96	151.58	13.25	5.30	4.77	4.24	4.24
94	269.24	301.04	284.61	191.33	18.55	7.95	7.42	6.36	6.36
95	360.40	391.14	359.34	246.98	24.91	10.07	10.60	9.01	9.01
96	450.50	483.89	424.00	272.95	32.33	15.90	14.31	11.66	12.19
97	542.19	563.39	481.24	296.27	41.34	19.08	17.49	15.37	15.90
98	627.52	634.41	535.30	320.65	48.76	23.32	19.61	19.08	19.61
99	700.66	695.36	606.32	360.93	57.24	27.03	22.79	22.26	22.79
100	762.67	755.78	644.48	380.54	66.78	31.80	29.68	24.38	25.44
101	822.03	829.45	677.87	398.56	76.32	38.69	34.98	27.03	27.56
102	889.34	875.03	710.20	421.88	85.86	44.52	38.16	29.68	30.21
103	945.52	909.48	743.59	447.85	95.40	49.82	42.93	36.57	34.98
104	979.44	940.22	774.33	468.52	106.00	54.06	46.11	42.40	45.05
105	1010.18	972.55	807.72	475.41	116.07	58.30	50.88	46.11	46.64
106	1039.86	1003.29	845.35	479.12	126.14	62.01	55.65	48.76	49.29
107	1069.54	1034.56	895.70	483.89	136.74	66.25	60.95	52.47	51.94
108	1098.69	1065.30	929.62	491.84	147.34	70.49	67.31	56.18	55.65
109	1127.31	1096.04	961.42	499.26	157.94	76.85	72.61	59.89	58.83

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**CANDELA TABULATION - (Cont.)**

110	1159.11	1132.08	993.22	508.27	168.54	82.68	77.91	64.13	62.54
111	1185.61	1178.19	1027.14	516.75	178.08	89.57	83.21	68.37	66.25
112	1223.77	1220.59	1061.59	525.76	189.21	96.46	88.51	73.67	70.49
113	1264.58	1257.16	1096.04	534.77	199.81	103.35	93.81	78.44	76.32
114	1309.63	1288.43	1128.37	543.78	210.41	110.24	98.58	83.74	80.03
115	1339.84	1325.00	1155.40	552.79	221.01	117.66	103.35	87.98	85.33
116	1375.35	1358.92	1170.77	561.27	231.08	125.61	108.65	92.75	89.57
117	1409.27	1396.55	1179.78	570.28	242.21	134.09	112.89	96.99	93.28
118	1443.72	1429.41	1186.67	578.76	252.28	140.98	117.66	101.76	96.99
119	1479.23	1463.86	1194.62	587.77	262.88	149.99	122.96	106.53	101.76
120	1513.15	1492.48	1202.04	596.78	272.42	157.94	127.73	110.77	105.47
121	1545.48	1519.51	1208.93	605.79	283.02	166.42	133.56	114.48	110.24
122	1575.69	1537.00	1215.82	615.33	292.56	174.90	140.45	118.72	113.95
123	1602.19	1547.07	1221.12	622.75	303.16	180.73	146.28	122.96	117.66
124	1622.33	1556.61	1225.36	631.76	312.70	191.33	153.17	127.20	121.90
125	1635.05	1565.09	1228.01	638.12	323.30	200.87	159.53	131.44	125.61
126	1645.12	1572.51	1229.07	645.54	333.37	209.88	166.95	136.74	129.32
127	1654.13	1579.40	1228.54	651.37	342.91	218.89	173.84	140.98	134.09
128	1662.08	1585.23	1225.89	657.73	352.98	227.90	181.26	146.28	138.86
129	1669.50	1588.41	1222.71	663.03	362.52	236.91	188.15	151.58	143.10
130	1675.86	1589.47	1217.41	668.33	372.06	245.92	195.57	157.41	147.87
131	1680.10	1588.94	1211.05	673.63	382.13	254.93	203.52	163.24	153.17
132	1682.22	1585.76	1202.57	677.87	391.14	263.94	210.94	170.13	159.00
133	1681.69	1579.93	1193.56	682.11	400.68	272.42	219.42	176.49	164.83
134	1679.04	1571.98	1182.96	686.35	409.69	281.43	226.84	182.32	171.19
135	1672.68	1560.85	1172.36	690.06	419.23	290.97	235.32	189.21	177.55
136	1664.73	1547.60	1160.70	693.77	427.71	299.45	243.27	196.10	183.91
137	1652.54	1531.70	1148.51	696.95	437.25	308.46	251.75	204.05	191.33
138	1639.82	1513.15	1135.79	700.13	446.26	316.94	260.23	210.94	198.75
139	1622.33	1494.07	1123.60	703.31	454.74	326.48	269.24	219.42	205.64
140	1604.31	1471.28	1110.35	705.96	463.22	334.96	278.25	227.37	214.12
141	1580.99	1449.55	1096.04	709.14	471.70	343.97	287.79	235.85	221.54
142	1557.14	1424.11	1081.73	711.26	480.71	352.98	296.80	244.33	230.55
143	1531.17	1399.20	1068.48	713.91	488.13	361.46	305.81	253.34	237.97
144	1503.08	1372.17	1053.64	716.03	496.61	370.47	314.82	262.35	248.04
145	1473.93	1346.73	1040.39	718.15	504.03	378.42	323.30	271.36	257.58
146	1443.72	1318.11	1025.55	720.27	512.51	387.43	332.84	280.90	266.59
147	1412.45	1290.55	1012.83	722.39	519.93	395.91	341.32	290.97	276.66
148	1381.18	1262.99	998.52	723.45	527.35	404.39	350.33	302.10	286.73
149	1348.85	1235.43	985.27	725.57	534.77	412.87	359.34	312.70	297.86
150	1317.05	1207.87	972.55	726.63	541.66	421.35	367.29	322.77	309.52
151	1284.72	1180.31	959.30	727.69	548.55	429.83	376.30	333.37	320.65
152	1252.39	1153.81	947.64	728.75	555.44	437.78	384.78	343.44	331.25
153	1220.06	1127.84	934.92	729.28	561.80	446.26	393.79	353.51	342.38
154	1189.32	1101.34	923.79	729.81	568.69	454.21	402.80	363.05	354.04
155	1158.58	1077.49	912.13	729.81	574.52	462.16	411.28	373.65	363.58
156	1128.90	1052.58	901.53	729.81	580.88	470.64	419.76	382.66	374.71
157	1100.28	1030.85	890.93	729.81	586.71	478.59	428.24	393.26	384.25
158	1070.07	1007.53	880.33	729.28	592.01	486.54	436.72	403.33	395.38
159	1044.10	987.92	870.26	728.22	597.31	494.49	445.20	412.34	404.39
160	1018.66	966.72	860.72	727.16	602.61	502.44	453.68	421.88	415.52
161	994.81	948.17	850.65	725.57	607.38	509.86	462.16	431.42	424.53
162	972.02	929.09	841.11	723.98	612.15	518.34	471.17	440.96	435.13
163	950.29	910.54	831.57	722.39	616.39	525.23	480.18	449.97	444.67
164	929.62	894.64	822.03	719.74	620.63	533.71	488.13	459.51	454.74
165	909.48	877.15	812.49	717.09	624.34	540.60	497.67	469.05	464.28

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CANDELA TABULATION - (Cont.)

166	890.93	861.78	802.42	714.44	628.05	549.08	506.15	478.59	474.35
167	872.38	845.35	792.35	711.26	631.76	556.50	515.16	488.13	484.42
168	854.89	831.04	782.81	708.08	634.94	563.92	524.17	498.20	494.49
169	837.40	815.14	772.21	703.84	637.59	571.34	533.71	508.27	505.09
170	820.97	799.77	762.14	700.13	640.24	578.23	543.25	518.34	515.69
171	804.01	784.40	751.01	695.89	642.89	585.65	552.79	529.47	526.82
172	787.05	768.50	740.94	691.12	645.01	592.54	562.86	539.54	538.48
173	770.09	753.13	729.28	686.35	647.13	599.96	572.93	551.73	550.14
174	751.54	737.76	718.15	681.05	648.72	606.85	583.53	563.92	562.86
175	735.64	721.86	707.02	676.28	650.31	613.74	593.60	575.58	575.58
176	717.09	705.96	695.36	670.45	651.37	620.63	604.73	588.83	589.36
177	701.19	690.06	683.70	665.15	652.43	626.99	614.80	601.02	603.14
178	682.64	674.69	672.04	658.79	652.96	633.35	626.46	615.33	617.98
179	667.27	658.79	660.38	652.43	653.49	640.24	637.59	629.11	634.94
180	647.66	647.66	647.66	647.66	647.66	647.66	647.66	647.66	647.66

**IES INDOOR REPORT**  
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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	0.00	N.A.	0.00
0-30	0.00	N.A.	0.00
0-40	0.00	N.A.	0.00
0-60	0.00	N.A.	0.00
0-80	0.00	N.A.	0.00
0-90	0.00	N.A.	0.00
10-90	0.00	N.A.	0.00
20-40	0.00	N.A.	0.00
20-50	0.00	N.A.	0.00
40-70	0.00	N.A.	0.00
60-80	0.00	N.A.	0.00
70-80	0.00	N.A.	0.00
80-90	0.00	N.A.	0.00
90-110	561.40	N.A.	17.70
90-120	1087.34	N.A.	34.30
90-130	1659.45	N.A.	52.30
90-150	2616.01	N.A.	82.50
90-180	3170.57	N.A.	100.00
110-180	2609.18	N.A.	82.30
0-180	3170.57	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.00
90-100	160.70
100-110	400.69
110-120	525.94
120-130	572.11
130-140	528.81
140-150	427.76
150-160	307.21
160-170	185.32
170-180	62.04

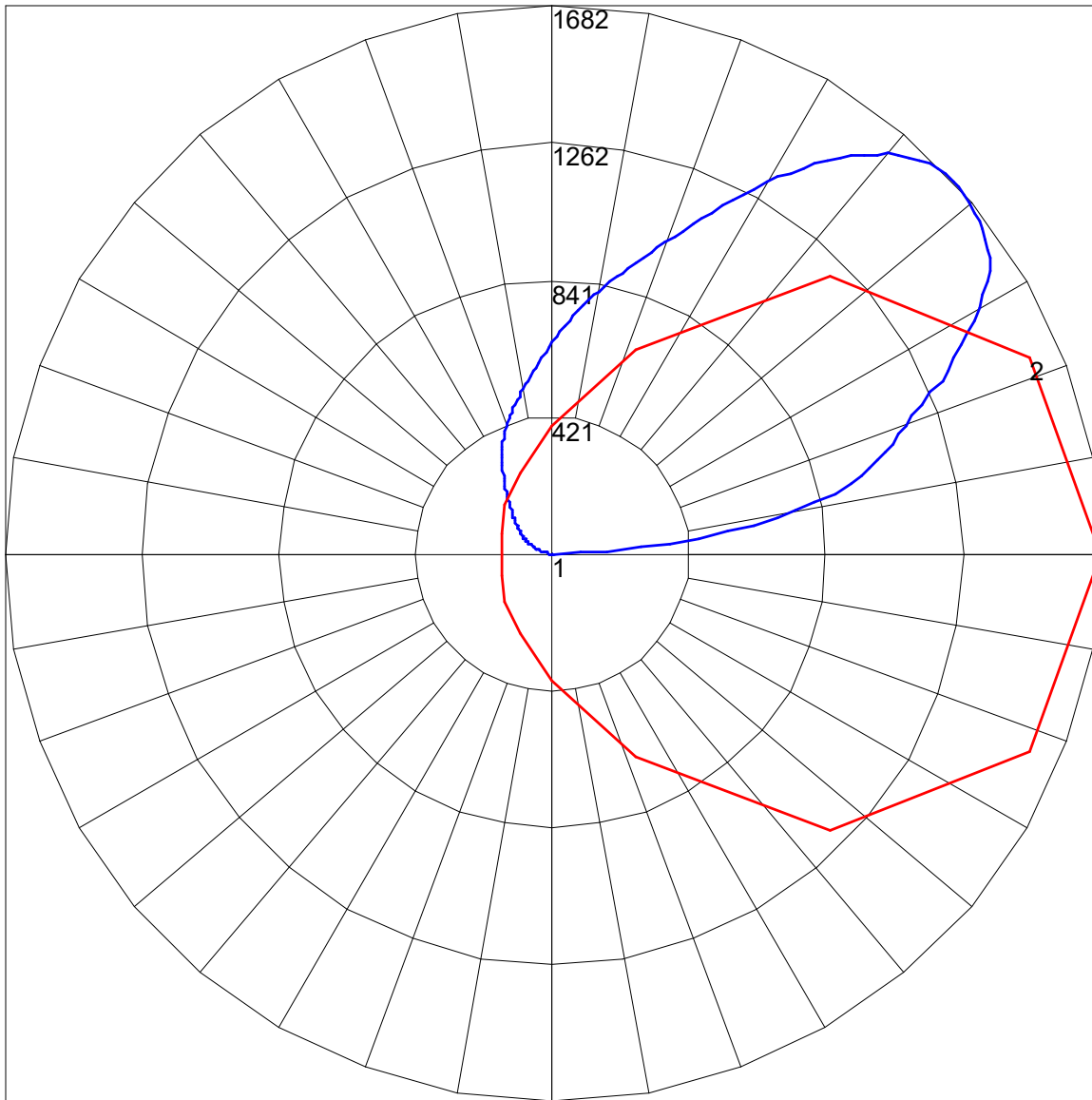
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WV2-LED35-80-MO-4-D2-SACW.IES**

**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	
0	95	95	95	95	81	81	81	81	56	56	56	32	32	32	10	10	10	0
1	87	83	79	76	74	71	68	65	48	47	45	28	27	26	9	9	8	0
2	79	72	66	62	67	62	57	53	42	40	37	24	23	22	8	7	7	0
3	72	63	56	51	61	54	49	44	37	34	31	21	20	18	7	6	6	0
4	65	56	48	43	56	48	42	37	33	29	26	19	17	16	6	6	5	0
5	60	49	42	36	51	42	36	32	29	25	22	17	15	13	5	5	4	0
6	55	44	36	31	47	38	32	27	26	22	19	15	13	11	5	4	4	0
7	50	39	32	27	43	34	28	23	23	19	17	14	11	10	4	4	3	0
8	47	35	28	23	40	30	24	20	21	17	14	12	10	9	4	3	3	0
9	43	32	25	20	37	27	22	18	19	15	13	11	9	8	4	3	3	0
10	40	29	22	18	34	25	19	16	17	14	11	10	8	7	3	3	2	0

POLAR GRAPH



Maximum Candela = 1682.22 Located At Horizontal Angle = 0, Vertical Angle = 132  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (132) (Through Max. Cd.)