

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : WV2-LED35-80-MO-4-D2-SCW.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-SCW-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	3486
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	139
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)	4.00 ft
Luminous Width (90-270)	0.58 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

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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	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

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**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	3.71	15.90	5.83	4.24	2.12	1.06	3.71	5.83	3.18
92	8.48	51.94	24.38	16.96	11.13	9.01	23.85	31.27	7.42
93	13.25	19.08	54.06	33.39	22.79	22.79	50.88	60.95	13.25
94	20.67	91.69	37.63	12.72	4.77	2.12	35.51	82.68	20.67
95	28.62	109.71	124.02	90.10	69.96	72.61	121.90	101.76	28.09
96	37.10	126.14	153.70	122.43	95.93	104.41	153.17	118.19	37.10
97	46.64	144.16	179.67	153.70	125.08	134.62	180.20	135.15	47.17
98	56.71	160.59	200.87	181.79	152.11	163.24	204.05	152.11	57.24
99	66.78	176.49	225.25	208.29	183.38	192.39	226.84	168.54	67.84
100	77.91	193.45	246.45	232.67	210.41	216.77	247.51	180.20	78.44
101	89.04	211.47	267.65	254.93	234.26	241.15	269.77	201.40	90.63
102	100.70	230.02	288.32	275.60	256.52	261.82	289.91	219.42	101.23
103	112.36	252.28	311.64	296.80	277.19	283.55	313.23	240.09	113.95
104	124.55	271.89	333.37	317.47	297.33	304.22	336.02	261.82	126.14
105	136.74	288.32	357.75	339.20	318.00	325.42	359.34	279.31	138.33
106	148.40	298.92	380.54	363.05	339.20	347.15	384.25	292.03	150.52
107	161.12	310.05	406.51	385.31	360.93	370.47	408.10	303.69	162.71
108	173.31	322.24	430.89	411.28	384.25	394.32	434.60	315.35	175.43
109	182.85	334.96	458.45	435.66	408.63	419.23	461.63	328.07	187.62

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**CANDELA TABULATION - (Cont.)**

110	197.16	348.21	488.13	464.28	433.54	445.20	489.72	341.85	199.81
111	209.35	361.46	516.22	489.19	459.51	471.70	519.40	354.57	212.53
112	222.07	375.24	548.55	520.99	487.07	500.32	550.67	368.88	224.72
113	234.26	388.49	578.23	551.73	516.75	529.47	581.94	381.60	237.44
114	247.51	402.27	610.03	583.53	545.37	560.74	612.15	396.44	249.63
115	258.64	416.58	638.65	617.45	578.23	593.07	641.83	409.16	261.82
116	271.89	429.83	666.74	652.96	611.62	627.52	668.33	424.00	274.01
117	284.08	443.08	691.65	689.53	648.19	666.74	693.77	437.78	287.26
118	296.27	456.33	714.44	727.69	683.17	700.13	716.03	451.03	298.39
119	307.93	469.58	736.70	762.67	722.39	739.88	739.35	464.28	311.64
120	320.12	482.30	758.96	798.71	758.96	773.27	761.61	477.53	323.30
121	331.78	495.55	780.69	833.69	798.71	811.96	783.87	490.25	335.49
122	25.44	507.74	801.89	867.08	836.34	843.23	806.13	502.97	347.15
123	355.10	519.93	822.56	898.88	872.91	879.27	825.21	515.16	358.81
124	366.76	531.59	311.11	399.09	378.95	378.42	314.82	50.35	370.47
125	378.42	542.72	859.13	958.77	942.87	940.75	861.78	538.48	381.60
126	389.55	553.32	875.56	987.39	975.73	969.90	878.74	549.61	393.26
127	401.21	563.92	890.40	1014.42	1007.00	997.99	892.52	560.21	404.39
128	412.34	573.99	903.12	1040.39	1037.74	1025.02	905.77	571.34	415.52
129	423.47	583.00	914.25	1066.36	1068.48	1050.46	917.43	580.35	426.65
130	434.07	592.01	924.32	1086.50	1094.45	1073.78	926.97	590.42	437.78
131	445.20	601.02	931.74	1106.64	1121.48	1094.45	934.92	598.90	448.91
132	455.27	608.97	938.63	1122.01	1143.21	1113.00	941.28	607.38	459.51
133	465.87	617.45	943.93	1137.91	1166.00	1128.37	946.58	615.86	470.11
134	477.53	624.34	947.11	1147.98	1182.43	1142.15	950.29	623.28	480.71
135	488.13	631.76	949.76	1157.52	1198.86	1152.75	952.41	630.70	490.78
136	498.73	638.12	950.82	1163.35	1209.99	1160.70	953.47	637.59	501.91
137	508.80	645.01	950.82	1167.06	1220.06	1166.00	954.00	644.48	511.45
138	518.87	651.37	950.29	1168.12	1225.89	1169.18	952.94	650.84	522.05
139	528.41	657.20	948.17	1167.06	1229.07	1169.71	951.35	657.20	531.59
140	538.48	663.03	946.05	1163.88	1229.60	1168.12	948.70	663.03	542.19
141	548.02	668.33	942.34	1159.11	1227.48	1164.41	945.52	668.33	550.67
142	557.03	674.16	938.63	1151.69	1223.24	1158.05	941.81	673.63	561.27
143	567.10	678.40	933.86	1143.74	1215.82	1151.16	937.04	678.93	569.22
144	576.11	683.70	929.09	1134.20	1207.34	1142.15	932.27	683.70	579.29
145	585.12	687.94	923.79	1124.13	1196.74	1133.14	926.44	688.47	588.30
146	593.60	692.71	917.96	1111.94	1185.08	1120.95	920.61	692.71	597.31
147	602.61	696.95	912.13	1099.75	1171.83	1109.82	913.72	697.48	605.79
148	611.09	700.66	905.77	1086.50	1157.52	1096.57	907.89	701.19	614.27
149	619.57	704.90	898.88	1072.72	1142.15	1082.79	901.53	705.43	622.75
150	627.52	708.61	892.52	1058.41	1126.25	1068.48	894.64	709.14	630.70
151	636.00	712.32	885.63	1043.04	1109.29	1054.17	887.75	712.85	638.65
152	113.42	185.50	348.74	498.73	31.80	509.33	351.39	185.50	646.60
153	651.90	718.68	871.85	1012.83	1074.31	1024.49	873.97	719.21	654.02
154	658.26	721.86	864.96	996.93	1055.23	1009.12	867.08	722.39	660.91
155	666.21	725.04	858.60	982.09	1038.27	993.75	860.72	725.57	668.33
156	672.57	728.22	852.24	966.72	1019.19	978.38	853.83	728.22	675.22
157	679.99	730.34	845.35	952.41	1001.70	963.54	846.94	730.87	682.11
158	685.82	733.52	838.99	937.04	982.62	948.17	840.58	734.05	688.47
159	692.71	735.64	832.63	923.79	966.72	933.86	835.28	736.17	694.83
160	699.07	738.29	826.80	908.95	947.64	919.02	828.39	738.29	700.66
161	704.90	740.41	820.97	896.23	932.27	906.30	822.56	740.41	707.02
162	710.20	742.53	815.14	882.45	915.31	891.99	816.73	743.06	712.85
163	715.50	744.12	809.84	870.26	899.94	879.80	810.90	744.65	717.62
164	720.80	746.24	804.54	858.60	884.57	867.08	805.60	746.77	722.39
165	725.57	748.36	799.77	846.94	871.32	855.95	800.30	748.36	727.16

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**CANDELA TABULATION - (Cont.)**

<b>166</b>	729.81	749.95	795.00	836.34	857.54	843.76	796.06	749.95	731.40
<b>167</b>	734.05	751.01	790.23	826.27	844.82	833.16	791.29	751.54	735.64
<b>168</b>	737.76	752.60	786.52	816.73	833.16	823.62	787.05	753.13	738.82
<b>169</b>	741.47	753.66	782.28	808.25	822.03	814.08	782.81	754.19	742.53
<b>170</b>	744.65	755.25	778.57	799.77	811.96	805.60	779.63	755.25	745.71
<b>171</b>	747.83	756.31	775.39	792.88	802.95	797.65	775.92	756.31	748.89
<b>172</b>	750.48	757.37	772.74	785.46	794.47	790.23	772.74	757.37	751.54
<b>173</b>	752.60	758.43	769.56	780.16	787.05	783.87	770.09	758.43	753.66
<b>174</b>	755.25	758.96	767.44	774.33	780.69	778.04	767.97	758.96	755.78
<b>175</b>	756.84	759.49	765.32	770.62	774.86	773.27	765.85	759.49	757.37
<b>176</b>	757.90	760.02	763.73	766.38	770.62	769.56	763.73	760.02	758.43
<b>177</b>	758.96	760.55	762.67	763.73	766.38	765.85	762.67	760.55	759.49
<b>178</b>	760.02	760.55	761.61	762.14	763.73	763.20	761.61	760.55	760.55
<b>179</b>	760.55	761.08	761.08	761.08	762.14	761.61	761.08	761.08	760.55
<b>180</b>	761.08	761.08	761.08	761.08	761.08	761.08	761.08	761.08	761.08

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

**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	412.23	N.A.	11.80
90-120	926.87	N.A.	26.60
90-130	1559.78	N.A.	44.70
90-150	2817.06	N.A.	80.80
90-180	3486.4	N.A.	100.00
110-180	3074.17	N.A.	88.20
0-180	3486.4	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	95.64
100-110	316.59
110-120	514.65
120-130	632.91
130-140	687.91
140-150	569.36
150-160	368.17
160-170	227.65
170-180	73.51

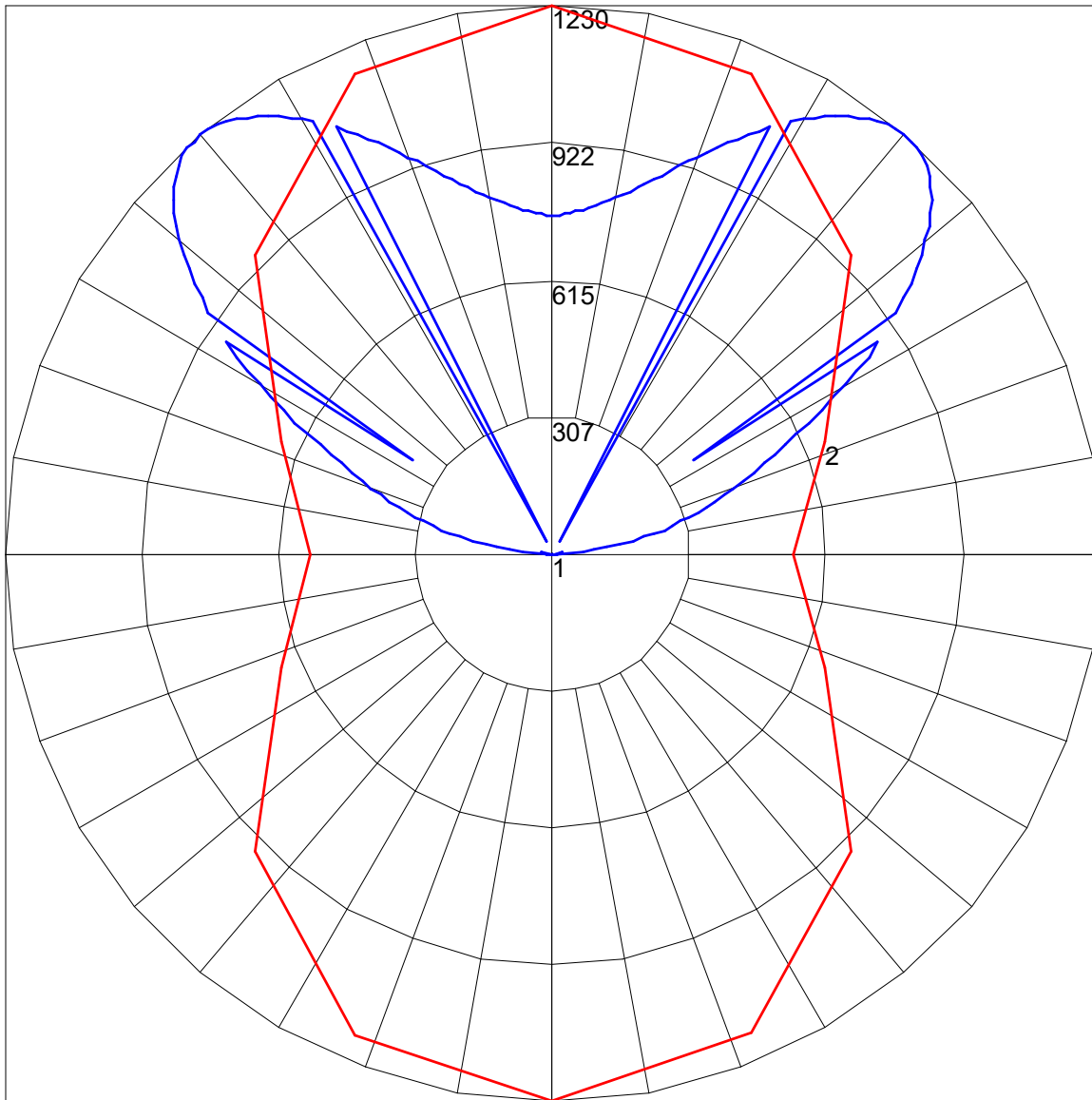
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WV2-LED35-80-MO-4-D2-SCW.IES**

**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	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	28	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 = 1229.6 Located At Horizontal Angle = 90, Vertical Angle = 140  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (140) (Through Max. Cd.)