

## IES INDOOR REPORT

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

### DESCRIPTION INFORMATION (From Photometric File)

[IESNA:LM-63-2002

[TEST] L112411507

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

[ISSUE DATE] 11/21/2024

[MANUFAC] Prudential Lighting

[LUMCAT] WV2-LED35-80-MO-4'-SAL-TMW-D9-HACW-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	2526
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	100
Total Luminaire Watts	25.2
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

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WV2-LED35-80-MO-4'-D2-HCW.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	4.77	8.48	3.71	4.77	3.71	2.65	2.65	2.12	4.77
92	7.95	49.82	11.13	7.95	6.36	4.77	7.42	27.03	7.95
93	11.66	86.92	66.25	46.64	15.90	12.19	62.01	71.02	11.66
94	15.37	109.71	134.62	133.03	91.69	83.21	135.68	101.23	15.37
95	19.61	125.61	229.49	240.62	196.10	173.31	228.96	120.84	19.61
96	24.38	140.45	299.45	386.37	329.13	301.57	300.51	136.21	24.91
97	29.68	153.70	345.03	498.73	475.41	434.07	346.09	146.81	30.21
98	35.51	166.42	374.71	575.58	596.78	536.89	375.77	161.12	35.51
99	40.81	179.14	399.62	638.12	678.93	602.08	401.74	173.84	45.05
100	46.11	195.57	418.17	674.16	746.77	650.84	421.88	183.38	47.70
101	53.00	210.41	435.13	706.49	788.64	686.88	437.78	202.46	53.53
102	58.30	229.49	447.85	730.34	823.09	714.97	449.97	219.42	59.89
103	65.19	251.22	461.63	755.25	851.18	739.35	464.81	242.74	66.25
104	71.02	265.53	474.88	767.44	875.03	761.08	477.00	260.76	72.61
105	77.91	266.06	486.54	780.16	893.05	773.80	488.66	266.06	79.50
106	83.74	263.94	496.08	793.94	905.24	785.46	499.26	266.06	86.39
107	91.16	262.88	506.15	803.48	916.90	798.18	509.33	264.47	92.22
108	96.99	262.88	516.22	812.49	927.50	807.72	518.87	264.47	99.11
109	103.88	262.88	526.82	817.26	935.45	815.67	530.53	264.47	105.47

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

**CANDELA TABULATION - (Cont.)**

110	110.24	263.41	539.54	822.03	940.75	820.97	542.72	265.00	112.36
111	116.60	263.41	553.85	824.68	943.93	824.68	559.68	265.00	118.19
112	122.96	263.94	573.99	826.27	944.46	826.80	579.29	265.53	125.08
113	129.32	263.94	596.25	829.45	944.46	828.92	603.14	266.06	131.44
114	135.15	263.94	609.50	829.45	941.81	831.04	614.80	266.06	137.27
115	141.51	263.94	613.74	833.69	941.28	832.10	614.27	266.59	143.63
116	147.34	263.94	607.38	841.11	937.57	837.93	606.85	266.06	149.46
117	153.17	263.41	590.95	850.12	937.04	845.88	592.01	266.06	155.29
118	158.47	263.41	576.11	863.37	939.69	856.48	577.70	266.06	160.59
119	164.30	263.41	561.27	872.91	944.46	868.67	562.86	266.06	166.42
120	169.60	262.88	548.02	870.79	951.88	875.56	550.14	265.53	171.72
121	175.43	262.88	534.24	858.07	959.30	869.20	536.36	265.53	177.02
122	177.02	262.88	522.58	835.81	957.18	853.30	523.64	265.00	181.79
123	183.91	262.88	509.86	806.13	940.75	827.33	512.51	265.53	187.09
124	188.68	263.94	499.26	775.92	917.96	799.24	500.85	266.06	191.86
125	193.45	265.00	487.60	747.83	882.45	767.44	490.25	267.12	196.63
126	198.75	266.59	476.47	720.80	847.47	739.88	479.12	268.18	200.87
127	202.46	267.65	466.40	695.36	814.08	713.38	469.05	269.24	205.11
128	207.23	268.71	455.80	670.98	782.28	687.94	458.45	270.30	209.35
129	211.47	269.77	446.26	647.13	752.07	664.09	448.38	271.36	214.12
130	215.18	270.83	436.72	626.46	723.45	641.83	438.84	272.42	217.83
131	218.89	271.89	427.71	603.67	694.83	620.10	429.83	273.48	221.54
132	222.60	272.42	418.70	586.18	670.45	599.43	420.82	274.01	225.25
133	226.31	272.95	410.22	564.98	645.01	580.35	411.81	275.07	228.96
134	230.02	274.01	402.27	548.55	622.75	561.27	404.39	275.60	232.14
135	233.20	274.54	394.32	530.00	599.96	543.25	396.44	276.66	235.85
136	236.38	275.60	386.90	513.57	579.82	526.29	389.02	277.19	238.50
137	239.56	276.13	379.48	497.67	558.62	510.39	381.60	277.72	241.68
138	242.21	276.66	372.59	482.83	539.54	494.49	374.18	278.25	244.86
139	245.39	277.72	365.70	469.05	520.99	480.18	367.82	279.31	247.51
140	248.04	278.25	360.40	455.27	505.09	465.87	361.46	279.84	250.16
141	250.16	278.78	354.57	442.55	488.13	453.15	356.16	280.37	252.81
142	253.34	279.31	349.27	430.89	472.76	439.37	351.39	280.90	255.46
143	255.46	279.84	345.03	419.76	458.45	428.77	346.62	281.43	257.58
144	258.11	280.37	341.32	409.16	445.20	417.11	342.91	281.96	259.70
145	259.70	280.90	337.08	399.09	432.48	407.04	338.67	282.49	261.82
146	262.35	281.43	333.90	389.55	420.82	395.91	334.96	283.02	263.94
147	263.94	281.96	330.19	380.01	409.16	387.96	331.25	283.55	266.06
148	266.06	282.49	327.01	373.12	398.56	378.42	328.60	284.08	267.65
149	267.65	283.55	323.83	365.17	388.49	371.53	324.89	284.61	269.77
150	269.77	284.08	320.65	359.34	380.01	364.11	322.24	285.14	271.36
151	271.36	284.61	318.00	352.98	372.06	357.75	319.59	285.67	272.95
152	272.95	285.14	315.88	348.21	364.64	351.92	316.94	286.20	274.54
153	274.54	285.67	313.76	342.38	357.75	346.62	314.82	286.73	276.13
154	275.60	286.20	311.64	337.61	351.39	341.32	312.70	287.26	277.19
155	277.19	286.73	309.52	332.84	346.09	336.55	310.58	287.79	278.78
156	278.25	287.26	307.93	328.60	340.26	332.31	308.99	287.79	279.84
157	279.84	287.79	306.34	324.89	335.49	328.07	306.87	288.32	280.90
158	280.90	288.32	304.75	321.71	330.72	324.36	305.81	288.85	282.49
159	281.96	288.32	303.16	318.53	327.01	321.18	304.22	289.38	283.55
160	283.02	288.85	302.10	315.35	322.77	318.00	302.63	289.38	284.08
161	284.08	289.38	301.04	312.70	319.59	314.82	301.57	289.91	285.14
162	285.14	289.91	299.98	310.58	315.88	312.17	301.04	290.44	286.20
163	286.20	289.91	299.45	307.93	313.23	310.05	299.98	290.97	287.26
164	287.26	290.44	298.39	305.81	310.58	307.93	298.92	290.97	287.79
165	287.79	290.97	297.86	304.22	307.93	305.81	298.39	291.50	288.85

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

**CANDELA TABULATION - (Cont.)**

<b>166</b>	288.32	290.97	297.33	302.63	305.81	304.22	297.86	291.50	289.38
<b>167</b>	289.38	291.50	296.80	301.04	304.22	302.63	296.80	292.03	289.91
<b>168</b>	289.91	292.03	296.27	299.98	302.63	301.04	296.27	292.03	290.44
<b>169</b>	290.44	292.03	295.74	298.92	301.04	299.98	296.27	292.56	290.97
<b>170</b>	290.97	292.03	295.21	297.86	299.98	298.39	295.74	292.56	291.50
<b>171</b>	291.50	292.56	294.68	296.80	298.92	297.86	295.21	292.56	292.03
<b>172</b>	292.03	292.56	294.68	295.74	297.33	296.80	294.68	293.09	292.03
<b>173</b>	292.03	293.09	294.15	295.21	296.80	295.74	294.68	293.09	292.56
<b>174</b>	292.56	293.09	294.15	294.68	296.27	295.21	294.15	293.09	293.09
<b>175</b>	292.56	293.09	293.62	294.15	295.21	294.68	294.15	293.09	293.09
<b>176</b>	293.09	293.09	293.62	293.62	294.68	294.15	293.62	293.62	293.09
<b>177</b>	293.09	293.09	293.62	293.62	294.68	293.62	293.62	293.62	293.09
<b>178</b>	293.62	293.62	293.62	293.09	294.15	293.62	293.62	293.62	293.62
<b>179</b>	293.62	293.62	293.09	293.09	294.15	293.09	293.62	293.62	293.62
<b>180</b>	293.62	293.62	293.62	293.62	293.62	293.62	293.62	293.62	293.62

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WV2-LED35-80-MO-4'-D2-HCW.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	721.27	N.A.	28.60
90-120	1274.98	N.A.	50.50
90-130	1735.41	N.A.	68.70
90-150	2268.7	N.A.	89.80
90-180	2526.09	N.A.	100.00
110-180	1804.81	N.A.	71.40
0-180	2526.09	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	198.73
100-110	522.54
110-120	553.71
120-130	460.43
130-140	316.85
140-150	216.44
150-160	144.57
160-170	84.72
170-180	28.10

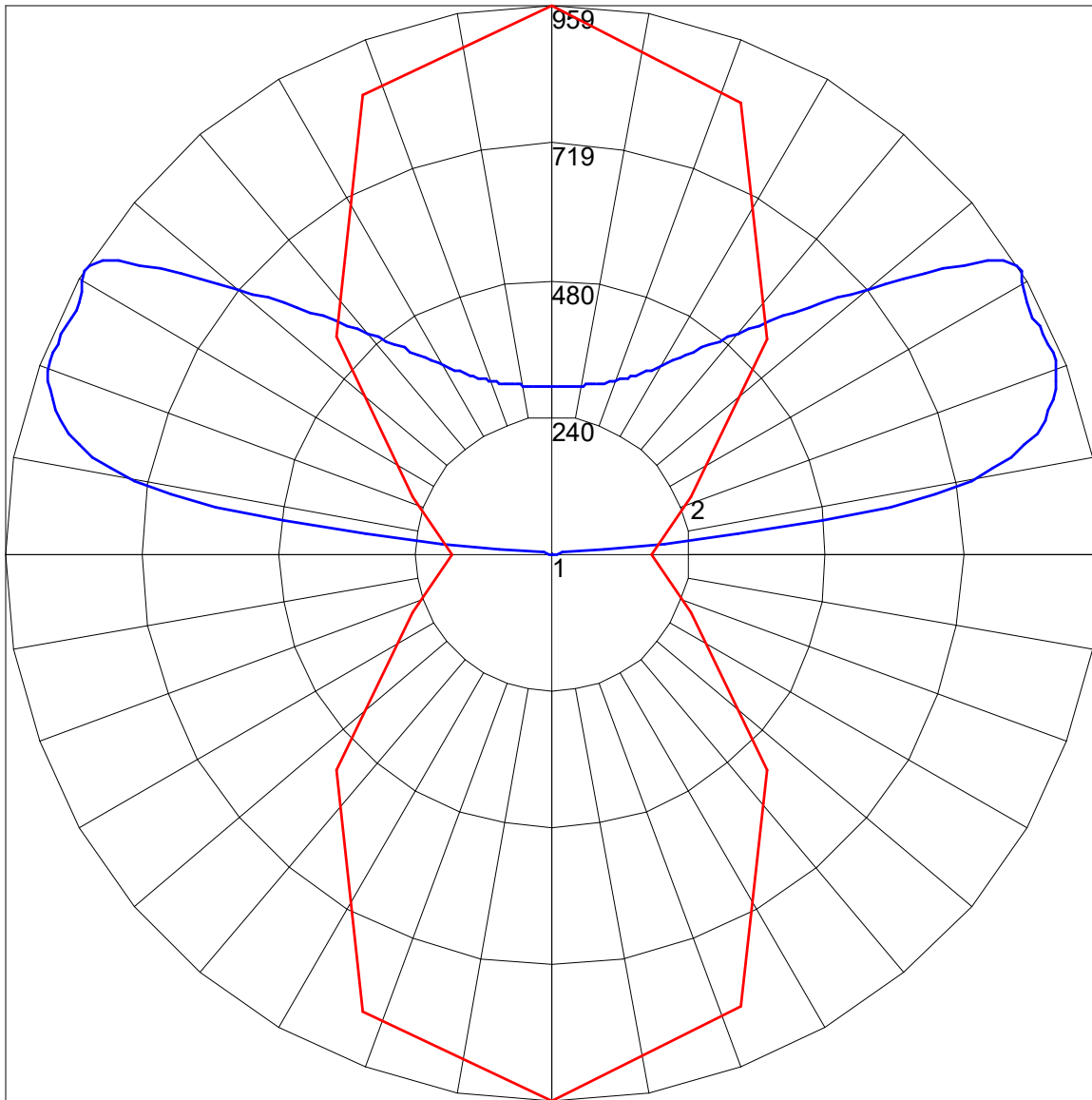
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WV2-LED35-80-MO-4'-D2-HCW.IES**

**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 = 959.3 Located At Horizontal Angle = 90, Vertical Angle = 121  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (121) (Through Max. Cd.)