

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : WV2-LED35-80-LO-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-LO-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	1914
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	133
Total Luminaire Watts	14.4
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

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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-LO-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	5.44	29.12	17.28	29.76	2.56	0.64	0.96	0.96	0.96
92	51.20	66.88	70.72	64.00	5.12	1.60	1.92	1.28	1.60
93	102.08	123.84	106.24	91.52	8.00	3.20	2.88	2.56	2.56
94	162.56	181.76	171.84	115.52	11.20	4.80	4.48	3.84	3.84
95	217.60	236.16	216.96	149.12	15.04	6.08	6.40	5.44	5.44
96	272.00	292.16	256.00	164.80	19.52	9.60	8.64	7.04	7.36
97	327.36	340.16	290.56	178.88	24.96	11.52	10.56	9.28	9.60
98	378.88	383.04	323.20	193.60	29.44	14.08	11.84	11.52	11.84
99	423.04	419.84	366.08	217.92	34.56	16.32	13.76	13.44	13.76
100	460.48	456.32	389.12	229.76	40.32	19.20	17.92	14.72	15.36
101	496.32	500.80	409.28	240.64	46.08	23.36	21.12	16.32	16.64
102	536.96	528.32	428.80	254.72	51.84	26.88	23.04	17.92	18.24
103	570.88	549.12	448.96	270.40	57.60	30.08	25.92	22.08	21.12
104	591.36	567.68	467.52	282.88	64.00	32.64	27.84	25.60	27.20
105	609.92	587.20	487.68	287.04	70.08	35.20	30.72	27.84	28.16
106	627.84	605.76	510.40	289.28	76.16	37.44	33.60	29.44	29.76
107	645.76	624.64	540.80	292.16	82.56	40.00	36.80	31.68	31.36
108	663.36	643.20	561.28	296.96	88.96	42.56	40.64	33.92	33.60
109	680.64	661.76	580.48	301.44	95.36	46.40	43.84	36.16	35.52

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

110	699.84	683.52	599.68	306.88	101.76	49.92	47.04	38.72	37.76
111	715.84	711.36	620.16	312.00	107.52	54.08	50.24	41.28	40.00
112	738.88	736.96	640.96	317.44	114.24	58.24	53.44	44.48	42.56
113	763.52	759.04	661.76	322.88	120.64	62.40	56.64	47.36	46.08
114	790.72	777.92	681.28	328.32	127.04	66.56	59.52	50.56	48.32
115	808.96	800.00	697.60	333.76	133.44	71.04	62.40	53.12	51.52
116	830.40	820.48	706.88	338.88	139.52	75.84	65.60	56.00	54.08
117	850.88	843.20	712.32	344.32	146.24	80.96	68.16	58.56	56.32
118	871.68	863.04	716.48	349.44	152.32	85.12	71.04	61.44	58.56
119	893.12	883.84	721.28	354.88	158.72	90.56	74.24	64.32	61.44
120	913.60	901.12	725.76	360.32	164.48	95.36	77.12	66.88	63.68
121	933.12	917.44	729.92	365.76	170.88	100.48	80.64	69.12	66.56
122	951.36	928.00	734.08	371.52	176.64	105.60	84.80	71.68	68.80
123	967.36	934.08	737.28	376.00	183.04	109.12	88.32	74.24	71.04
124	979.52	939.84	739.84	381.44	188.80	115.52	92.48	76.80	73.60
125	987.20	944.96	741.44	385.28	195.20	121.28	96.32	79.36	75.84
126	993.28	949.44	742.08	389.76	201.28	126.72	100.80	82.56	78.08
127	998.72	953.60	741.76	393.28	207.04	132.16	104.96	85.12	80.96
128	1003.52	957.12	740.16	397.12	213.12	137.60	109.44	88.32	83.84
129	1008.00	959.04	738.24	400.32	218.88	143.04	113.60	91.52	86.40
130	1011.84	959.68	735.04	403.52	224.64	148.48	118.08	95.04	89.28
131	1014.40	959.36	731.20	406.72	230.72	153.92	122.88	98.56	92.48
132	1015.68	957.44	726.08	409.28	236.16	159.36	127.36	102.72	96.00
133	1015.36	953.92	720.64	411.84	241.92	164.48	132.48	106.56	99.52
134	1013.76	949.12	714.24	414.40	247.36	169.92	136.96	110.08	103.36
135	1009.92	942.40	707.84	416.64	253.12	175.68	142.08	114.24	107.20
136	1005.12	934.40	700.80	418.88	258.24	180.80	146.88	118.40	111.04
137	997.76	924.80	693.44	420.80	264.00	186.24	152.00	123.20	115.52
138	990.08	913.60	685.76	422.72	269.44	191.36	157.12	127.36	120.00
139	979.52	902.08	678.40	424.64	274.56	197.12	162.56	132.48	124.16
140	968.64	888.32	670.40	426.24	279.68	202.24	168.00	137.28	129.28
141	954.56	875.20	661.76	428.16	284.80	207.68	173.76	142.40	133.76
142	940.16	859.84	653.12	429.44	290.24	213.12	179.20	147.52	139.20
143	924.48	844.80	645.12	431.04	294.72	218.24	184.64	152.96	143.68
144	907.52	828.48	636.16	432.32	299.84	223.68	190.08	158.40	149.76
145	889.92	813.12	628.16	433.60	304.32	228.48	195.20	163.84	155.52
146	871.68	795.84	619.20	434.88	309.44	233.92	200.96	169.60	160.96
147	852.80	779.20	611.52	436.16	313.92	239.04	206.08	175.68	167.04
148	833.92	762.56	602.88	436.80	318.40	244.16	211.52	182.40	173.12
149	814.40	745.92	594.88	438.08	322.88	249.28	216.96	188.80	179.84
150	795.20	729.28	587.20	438.72	327.04	254.40	221.76	194.88	186.88
151	775.68	712.64	579.20	439.36	331.20	259.52	227.20	201.28	193.60
152	756.16	696.64	572.16	440.00	335.36	264.32	232.32	207.36	200.00
153	736.64	680.96	564.48	440.32	339.20	269.44	237.76	213.44	206.72
154	718.08	664.96	557.76	440.64	343.36	274.24	243.20	219.20	213.76
155	699.52	650.56	550.72	440.64	346.88	279.04	248.32	225.60	219.52
156	681.60	635.52	544.32	440.64	350.72	284.16	253.44	231.04	226.24
157	664.32	622.40	537.92	440.64	354.24	288.96	258.56	237.44	232.00
158	646.08	608.32	531.52	440.32	357.44	293.76	263.68	243.52	238.72
159	630.40	596.48	525.44	439.68	360.64	298.56	268.80	248.96	244.16
160	615.04	583.68	519.68	439.04	363.84	303.36	273.92	254.72	250.88
161	600.64	572.48	513.60	438.08	366.72	307.84	279.04	260.48	256.32
162	586.88	560.96	507.84	437.12	369.60	312.96	284.48	266.24	262.72
163	573.76	549.76	502.08	436.16	372.16	317.12	289.92	271.68	268.48
164	561.28	540.16	496.32	434.56	374.72	322.24	294.72	277.44	274.56
165	549.12	529.60	490.56	432.96	376.96	326.40	300.48	283.20	280.32

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

CANDELA TABULATION - (Cont.)

166	537.92	520.32	484.48	431.36	379.20	331.52	305.60	288.96	286.40
167	526.72	510.40	478.40	429.44	381.44	336.00	311.04	294.72	292.48
168	516.16	501.76	472.64	427.52	383.36	340.48	316.48	300.80	298.56
169	505.60	492.16	466.24	424.96	384.96	344.96	322.24	306.88	304.96
170	495.68	482.88	460.16	422.72	386.56	349.12	328.00	312.96	311.36
171	485.44	473.60	453.44	420.16	388.16	353.60	333.76	319.68	318.08
172	475.20	464.00	447.36	417.28	389.44	357.76	339.84	325.76	325.12
173	464.96	454.72	440.32	414.40	390.72	362.24	345.92	333.12	332.16
174	453.76	445.44	433.60	411.20	391.68	366.40	352.32	340.48	339.84
175	444.16	435.84	426.88	408.32	392.64	370.56	358.40	347.52	347.52
176	432.96	426.24	419.84	404.80	393.28	374.72	365.12	355.52	355.84
177	423.36	416.64	412.80	401.60	393.92	378.56	371.20	362.88	364.16
178	412.16	407.36	405.76	397.76	394.24	382.40	378.24	371.52	373.12
179	402.88	397.76	398.72	393.92	394.56	386.56	384.96	379.84	383.36
180	391.04	391.04	391.04	391.04	391.04	391.04	391.04	391.04	391.04

**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	338.96	N.A.	17.70
90-120	656.51	N.A.	34.30
90-130	1001.93	N.A.	52.30
90-150	1579.48	N.A.	82.50
90-180	1914.31	N.A.	100.00
110-180	1575.35	N.A.	82.30
0-180	1914.31	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	97.03
100-110	241.93
110-120	317.55
120-130	345.42
130-140	319.28
140-150	258.27
150-160	185.49
160-170	111.89
170-180	37.46

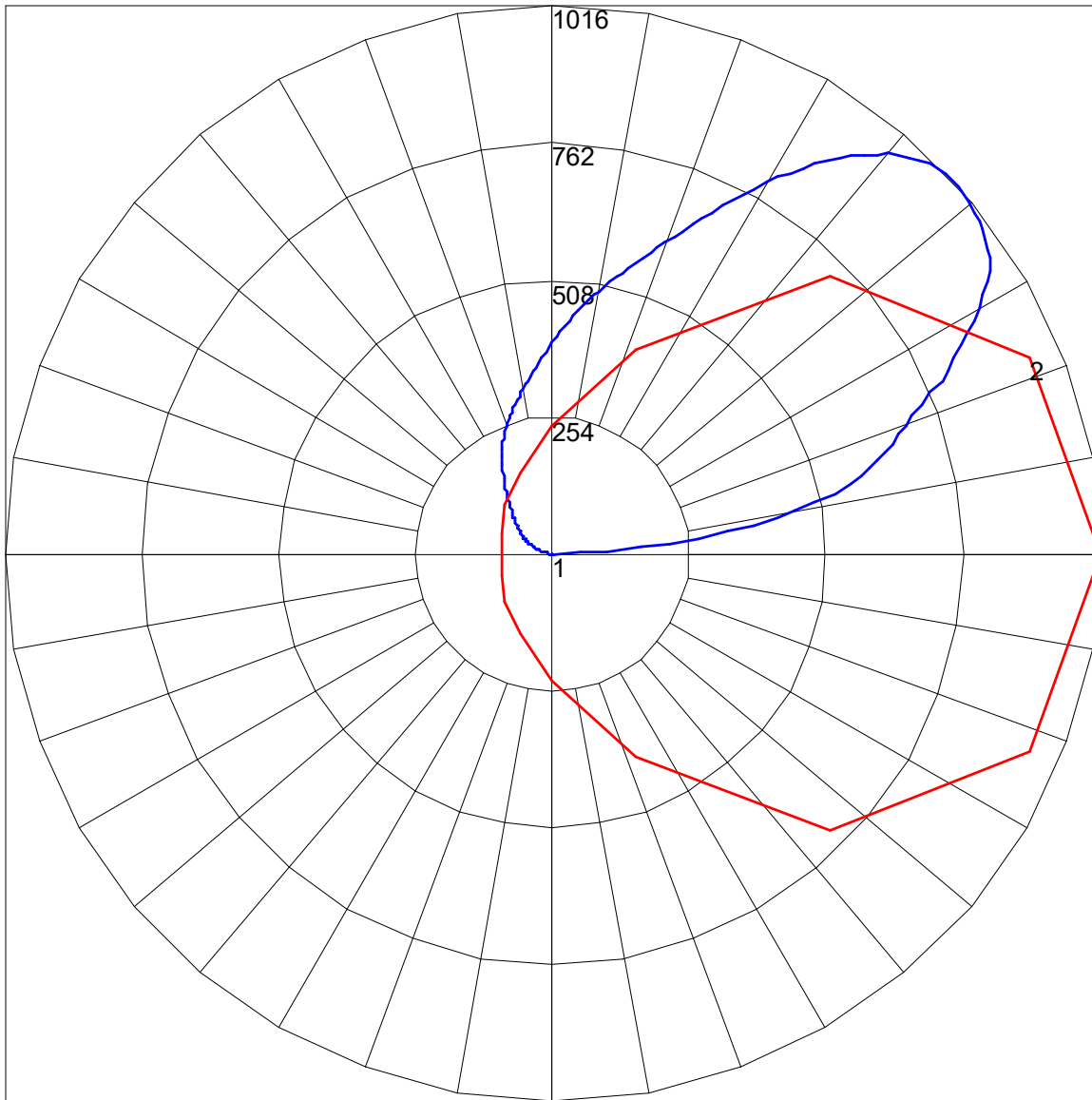
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WV2-LED35-80-LO-4-D2-SACW.IES**

**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 = 1015.68 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.)