

IES INDOOR REPORT

PHOTOMETRIC FILENAME : WV2-LED35-SO-4-SAL-D9.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L112411503
[TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)
[ISSUE DATE] 12/2/2024
[MANUFAC] PRUDENTIAL LIGHTING
[LUMCAT] WV2-LED35-80-SO-4'-SAL-D9
[LUMINAIRE] OSRAM OTi-50 PROGRAMMED @ 1192 mA
[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	4265
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	123
Total Luminaire Watts	34.6
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.14
Spacing Criterion (Diagonal)	1.28
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	3.50 ft
Luminous Width (90-270)	0.31 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	11451	11074	10609
55	10405	9966	9420
65	9264	8849	8433
75	7726	7814	7696
85	4728	7881	9457

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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	1430.66	1430.66	1430.66	1430.66	1430.66	1430.66	1430.66	1430.66	1430.66
1	1428.35	1429.89	1429.89	1431.43	1430.66	1430.66	1429.89	1429.12	1429.12
2	1427.58	1429.12	1428.35	1429.89	1429.12	1429.12	1429.12	1427.58	1427.58
3	1426.04	1426.81	1426.81	1428.35	1427.58	1426.81	1426.81	1426.04	1426.04
4	1422.96	1424.50	1423.73	1426.04	1424.50	1423.73	1424.50	1422.96	1423.73
5	1419.88	1421.42	1420.65	1422.19	1420.65	1419.88	1420.65	1419.11	1419.88
6	1416.03	1417.57	1416.03	1418.34	1416.03	1415.26	1416.80	1415.26	1416.03
7	1410.64	1412.95	1410.64	1412.95	1410.64	1409.10	1411.41	1409.10	1411.41
8	1404.48	1407.56	1405.25	1407.56	1404.48	1402.94	1406.02	1403.71	1406.02
9	1399.09	1401.40	1398.32	1400.63	1397.55	1396.01	1399.09	1397.55	1399.86
10	1391.39	1394.47	1390.62	1393.70	1388.31	1387.54	1391.39	1389.85	1392.93
11	1384.46	1386.77	1382.92	1384.46	1380.61	1378.30	1383.69	1382.15	1385.23
12	1375.22	1378.30	1373.68	1375.22	1369.83	1369.06	1374.45	1373.68	1375.99
13	1366.75	1369.06	1364.44	1365.98	1360.59	1359.05	1365.21	1363.67	1367.52
14	1356.74	1359.82	1353.66	1354.43	1348.27	1347.50	1355.20	1353.66	1356.74
15	1345.96	1349.81	1341.34	1343.65	1336.72	1335.18	1344.42	1342.88	1348.27
16	1335.18	1338.26	1331.33	1331.33	1324.40	1322.86	1332.10	1331.33	1335.95
17	1322.86	1326.71	1317.47	1319.01	1311.31	1309.77	1319.78	1319.01	1325.17
18	1310.54	1314.39	1305.92	1305.15	1297.45	1295.91	1307.46	1306.69	1312.08
19	1298.22	1301.30	1291.29	1291.29	1282.82	1281.28	1292.83	1293.60	1299.76
20	1284.36	1287.44	1278.20	1276.66	1267.42	1266.65	1279.74	1279.74	1285.90
21	1269.73	1273.58	1261.26	1261.26	1251.25	1250.48	1263.57	1265.11	1272.04
22	1255.87	1258.95	1247.40	1245.09	1235.08	1234.31	1249.71	1250.48	1257.41
23	1240.47	1243.55	1230.46	1228.15	1218.14	1217.37	1232.00	1235.08	1242.01
24	1225.07	1228.15	1213.52	1211.21	1200.43	1198.89	1216.60	1218.14	1226.61
25	1208.90	1211.98	1196.58	1193.50	1181.95	1181.95	1198.12	1201.97	1210.44
26	1191.96	1195.04	1178.87	1175.02	1163.47	1162.70	1182.72	1184.26	1194.27
27	1175.79	1178.10	1161.16	1156.54	1144.22	1144.99	1163.47	1168.09	1177.33
28	1158.08	1159.62	1142.68	1136.52	1124.20	1124.20	1144.99	1149.61	1158.08
29	1140.37	1142.68	1123.43	1118.04	1104.95	1105.72	1125.74	1131.90	1141.91
30	1120.35	1123.43	1104.18	1097.25	1083.39	1084.93	1106.49	1112.65	1122.66
31	1103.41	1104.95	1084.93	1078.00	1064.14	1064.14	1087.24	1094.17	1105.72
32	1082.62	1085.70	1064.91	1056.44	1041.04	1043.35	1067.22	1074.92	1084.93
33	1063.37	1065.68	1044.89	1036.42	1021.02	1021.79	1047.20	1054.13	1067.22
34	1044.12	1046.43	1024.87	1014.86	998.69	1001.77	1027.18	1034.88	1046.43
35	1024.10	1025.64	1004.08	992.53	977.13	979.44	1006.39	1014.09	1026.41
36	1004.08	1006.39	983.29	971.74	954.80	958.65	985.60	994.84	1006.39
37	984.06	984.83	961.73	949.41	933.24	935.55	964.81	973.28	986.37
38	963.27	965.58	940.94	928.62	910.91	914.76	944.02	954.03	966.35
39	943.25	944.02	919.38	906.29	889.35	892.43	922.46	931.70	945.56
40	922.46	924.00	896.28	884.73	867.02	870.10	900.90	910.91	924.77
41	900.90	901.67	876.26	862.40	844.69	848.54	880.11	890.12	903.98
42	880.11	881.65	853.16	840.84	822.36	826.21	858.55	868.56	883.19
43	859.32	859.32	833.91	817.74	800.80	804.65	836.22	847.00	861.63
44	838.53	836.99	810.04	796.18	778.47	783.09	813.12	824.67	840.07
45	816.97	816.97	790.02	774.62	756.91	760.76	792.33	804.65	819.28
46	795.41	794.64	766.92	751.52	735.35	739.20	770.00	782.32	797.72
47	774.62	773.85	747.67	730.73	713.79	717.64	749.21	762.30	776.93
48	753.06	751.52	723.80	708.40	692.23	696.08	726.88	739.97	755.37
49	729.96	731.50	702.24	687.61	669.90	673.75	705.32	718.41	733.81
50	709.94	709.17	681.45	666.05	649.88	652.96	684.53	696.85	713.02
51	686.84	687.61	659.89	645.26	627.55	632.17	662.97	675.29	691.46
52	667.59	666.82	639.10	624.47	608.30	611.38	642.18	654.50	669.90
53	644.49	645.26	618.31	603.68	585.97	590.59	621.39	632.94	646.80

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54	625.24	623.70	597.52	582.89	567.49	570.57	600.60	612.15	627.55
55	602.14	602.91	576.73	562.87	545.16	550.55	579.81	590.59	604.45
56	581.35	582.12	555.94	542.08	526.68	529.76	559.02	569.03	585.20
57	559.79	560.56	535.92	522.83	506.66	510.51	538.23	549.01	562.10
58	539.00	539.77	514.36	502.81	488.18	490.49	518.21	527.45	543.62
59	518.21	519.75	495.88	482.79	468.16	472.01	498.19	508.20	521.29
60	497.42	498.19	475.09	463.54	449.68	451.99	476.63	486.64	500.50
61	476.63	478.17	455.84	444.29	431.20	434.28	458.15	466.62	479.71
62	455.84	457.38	434.28	425.81	412.72	415.03	437.36	445.83	458.92
63	435.82	437.36	417.34	407.33	395.01	396.55	419.65	426.58	438.13
64	415.03	416.57	396.55	389.62	377.30	378.84	398.86	405.79	418.11
65	395.01	396.55	377.30	371.14	359.59	359.59	381.92	385.00	397.32
66	374.99	377.30	358.82	353.43	342.65	343.42	361.13	365.75	377.30
67	354.97	357.28	340.34	336.49	325.71	324.94	344.96	345.73	357.28
68	334.95	338.03	322.63	318.78	308.77	308.77	324.94	327.25	337.26
69	314.93	318.01	304.15	301.84	292.60	291.06	306.46	307.23	318.01
70	295.68	299.53	286.44	285.67	276.43	274.12	288.75	288.75	297.99
71	275.66	279.51	267.96	268.73	261.03	259.49	271.81	265.65	278.74
72	256.41	261.80	251.02	253.33	245.63	244.86	254.10	251.79	259.49
73	238.70	242.55	236.39	237.16	231.00	228.69	237.16	234.08	240.24
74	218.68	225.61	220.22	222.53	215.60	213.29	220.99	216.37	221.76
75	201.74	207.13	204.05	206.36	200.97	198.66	204.82	198.66	201.74
76	181.72	188.65	187.88	190.96	186.34	184.03	188.65	180.95	183.26
77	164.78	172.48	172.48	177.87	173.25	170.17	173.25	164.01	165.55
78	146.30	154.77	157.08	163.24	159.39	155.54	158.62	147.84	147.84
79	130.90	139.37	142.45	150.15	147.84	143.22	143.99	131.67	130.90
80	112.42	123.20	128.59	137.06	134.75	130.13	129.36	116.27	114.73
81	97.79	108.57	114.73	125.51	123.97	118.58	115.50	101.64	99.33
82	81.62	93.94	102.41	113.96	112.42	107.80	103.18	87.01	83.93
83	67.76	80.08	90.09	102.41	102.41	97.02	91.63	73.15	68.53
84	53.90	68.53	79.31	92.40	93.17	87.01	79.31	60.83	55.44
85	41.58	54.67	69.30	82.39	83.16	77.77	70.07	49.28	41.58
86	30.80	43.89	60.06	73.15	74.69	69.30	60.83	39.27	30.80
87	20.79	34.65	51.59	64.68	67.76	60.83	50.82	30.80	20.79
88	12.32	26.18	43.12	56.98	58.52	53.13	43.12	23.10	11.55
89	5.39	20.02	36.19	49.28	50.82	45.43	35.42	16.94	4.62
90	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
91	0.77	0.77	1.54	1.54	1.54	0.77	0.77	0.77	1.54
92	3.08	1.54	1.54	1.54	1.54	1.54	1.54	1.54	3.08
93	6.16	2.31	2.31	2.31	1.54	1.54	1.54	1.54	6.93
94	10.01	3.85	2.31	2.31	2.31	2.31	2.31	2.31	10.78
95	13.86	9.24	3.08	3.08	3.08	3.08	3.08	5.39	14.63
96	18.48	15.40	3.85	3.85	3.85	3.85	3.85	10.01	18.48
97	23.10	23.87	4.62	4.62	3.85	3.85	4.62	17.71	23.10
98	27.72	30.80	7.70	5.39	4.62	4.62	6.93	26.18	27.72
99	32.34	37.73	13.86	6.16	5.39	5.39	12.32	34.65	32.34
100	36.19	45.43	20.02	8.47	6.93	6.93	18.48	41.58	36.19
101	40.81	51.59	26.95	15.40	8.47	10.78	24.64	48.51	41.58
102	45.43	56.21	35.42	20.79	13.86	16.17	33.88	54.67	45.43
103	50.05	60.83	45.43	27.72	20.79	22.33	43.89	60.06	50.82
104	54.67	66.22	53.90	34.65	26.95	28.49	53.13	63.91	54.67
105	59.29	70.07	62.37	44.66	33.88	36.96	61.60	67.76	60.06
106	63.91	73.92	70.07	54.67	42.35	46.20	70.84	71.61	64.68
107	67.76	77.77	77.77	63.91	51.59	56.98	77.77	76.23	68.53
108	72.38	82.39	85.47	72.38	61.60	66.22	86.24	80.85	73.15
109	76.23	87.78	92.40	80.85	70.84	74.69	93.17	85.47	77.00

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CANDELA TABULATION - (Cont.)

110	80.85	93.17	99.33	88.55	79.31	83.93	100.10	91.63	81.62
111	84.70	99.33	104.72	96.25	87.78	91.63	105.49	97.02	85.47
112	89.32	103.95	108.57	103.18	95.48	99.33	110.11	102.41	90.09
113	92.40	108.57	113.19	110.88	103.18	106.26	114.73	107.80	93.94
114	97.02	113.19	117.81	117.04	110.11	113.19	119.35	112.42	97.79
115	100.87	117.81	121.66	123.97	117.04	119.35	121.66	117.04	101.64
116	104.72	121.66	123.97	129.36	123.20	126.28	123.97	121.66	105.49
117	108.57	125.51	127.05	133.21	130.13	131.67	127.05	124.74	109.34
118	112.42	128.59	130.13	137.06	135.52	135.52	130.90	128.59	113.19
119	116.27	132.44	133.98	141.68	140.14	139.37	133.98	131.67	117.04
120	120.12	135.52	136.29	145.53	143.99	143.22	137.06	134.75	120.89
121	123.97	138.60	140.14	147.84	147.84	146.30	140.91	137.83	124.74
122	127.82	141.68	143.99	150.15	151.69	148.61	145.53	140.14	128.59
123	130.90	143.99	149.38	152.46	154.00	150.92	149.38	143.22	132.44
124	134.75	147.07	154.00	154.77	155.54	153.23	154.77	145.53	135.52
125	138.60	149.38	158.62	157.85	157.85	155.54	159.39	147.84	139.37
126	142.45	152.46	162.47	160.16	160.16	158.62	163.24	150.92	143.22
127	145.53	154.77	166.32	162.47	162.47	160.93	167.86	153.23	146.30
128	149.38	157.08	170.17	166.32	165.55	164.01	171.71	156.31	149.38
129	152.46	160.16	174.02	169.40	167.09	167.09	175.56	158.62	153.23
130	156.31	162.47	177.87	174.02	170.17	171.71	179.41	161.70	156.31
131	158.62	165.55	180.95	177.87	174.02	174.79	182.49	164.01	159.39
132	162.47	167.86	184.03	182.49	177.87	180.18	185.57	167.09	162.47
133	165.55	170.94	186.34	186.34	181.72	184.03	187.88	169.40	166.32
134	168.63	173.25	188.65	189.42	185.57	187.88	190.19	172.48	169.40
135	171.71	176.33	190.96	193.27	190.19	191.73	192.50	174.79	171.71
136	174.02	179.41	193.27	197.12	193.27	195.58	194.81	177.87	174.79
137	177.87	181.72	195.58	200.20	197.12	198.66	196.35	180.95	177.87
138	180.18	184.80	197.89	203.28	200.97	202.51	198.66	183.26	180.95
139	183.26	187.11	199.43	206.36	204.05	204.82	200.20	186.34	184.03
140	185.57	190.19	200.97	207.90	207.13	207.13	201.74	188.65	186.34
141	188.65	192.50	202.51	210.21	210.21	209.44	202.51	191.73	189.42
142	190.96	194.81	204.05	211.75	212.52	210.98	204.05	194.04	191.73
143	194.04	197.89	205.59	213.29	214.06	213.29	205.59	196.35	194.04
144	196.35	200.20	206.36	214.83	215.60	214.83	207.13	199.43	197.12
145	198.66	202.51	207.90	216.37	217.14	216.37	208.67	201.74	199.43
146	200.97	204.82	210.21	217.91	218.68	217.14	210.21	204.05	201.74
147	203.28	207.13	210.98	218.68	220.22	218.68	211.75	206.36	204.05
148	205.59	209.44	212.52	219.45	221.76	219.45	213.29	208.67	206.36
149	207.90	210.98	214.06	220.22	222.53	220.22	214.83	210.21	208.67
150	210.21	213.29	215.60	221.76	223.30	220.99	216.37	212.52	210.98
151	212.52	214.83	217.14	222.53	224.07	221.76	217.91	214.83	212.52
152	214.06	217.14	219.45	223.30	224.84	222.53	219.45	216.37	214.83
153	216.37	218.68	220.99	224.07	225.61	224.07	220.99	217.91	216.37
154	217.91	220.22	222.53	225.61	226.38	224.84	222.53	219.45	218.68
155	219.45	221.76	224.07	226.38	227.15	226.38	224.07	220.99	220.22
156	221.76	223.30	225.61	227.92	227.92	227.15	225.61	222.53	221.76
157	223.30	224.84	227.15	228.69	229.46	227.92	227.15	224.07	223.30
158	224.84	225.61	228.69	230.23	230.23	229.46	228.69	225.61	224.84
159	226.38	227.15	229.46	231.00	231.00	231.00	230.23	226.38	226.38
160	227.92	227.92	231.00	232.54	232.54	231.77	231.77	227.92	227.92
161	228.69	229.46	232.54	234.08	233.31	233.31	232.54	228.69	229.46
162	230.23	230.23	233.31	234.85	234.85	234.08	234.08	230.23	230.23
163	231.77	231.77	234.08	235.62	235.62	235.62	234.85	231.00	231.77
164	232.54	232.54	235.62	237.16	236.39	236.39	235.62	232.54	232.54
165	234.08	233.31	235.62	237.93	237.16	237.16	236.39	233.31	234.08

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CANDELA TABULATION - (Cont.)

166	234.85	234.08	236.39	238.70	237.93	237.93	236.39	234.08	234.85
167	235.62	235.62	237.16	238.70	238.70	238.70	237.16	234.85	235.62
168	236.39	236.39	237.16	239.47	239.47	239.47	237.16	235.62	236.39
169	237.16	237.16	237.93	239.47	239.47	239.47	237.93	236.39	237.93
170	237.93	237.93	237.93	239.47	240.24	239.47	237.93	237.16	237.93
171	238.70	237.93	237.93	239.47	239.47	239.47	238.70	237.93	238.70
172	239.47	238.70	238.70	239.47	239.47	239.47	238.70	238.70	239.47
173	239.47	239.47	239.47	239.47	239.47	239.47	239.47	239.47	240.24
174	240.24	240.24	239.47	239.47	239.47	239.47	239.47	240.24	240.24
175	240.24	240.24	240.24	240.24	240.24	240.24	240.24	240.24	241.01
176	241.01	241.01	240.24	240.24	240.24	240.24	241.01	241.01	241.01
177	241.01	241.01	241.01	241.01	241.01	241.01	241.01	241.01	241.78
178	241.78	241.78	241.01	241.01	241.01	241.01	241.78	241.78	241.78
179	241.78	241.78	241.78	241.78	241.78	241.78	241.78	241.78	241.78
180	241.78	241.78	241.78	241.78	241.78	241.78	241.78	241.78	241.78

IES INDOOR REPORT
PHOTOMETRIC FILENAME : WV2-LED35-SO-4-SAL-D9.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	512.73	N.A.	12.00
0-30	1063.37	N.A.	24.90
0-40	1690.47	N.A.	39.60
0-60	2815.22	N.A.	66.00
0-80	3405.83	N.A.	79.90
0-90	3480.38	N.A.	81.60
10-90	3345.71	N.A.	78.40
20-40	1177.74	N.A.	27.60
20-50	1786.48	N.A.	41.90
40-70	1500.17	N.A.	35.20
60-80	590.61	N.A.	13.80
70-80	215.18	N.A.	5.00
80-90	74.56	N.A.	1.70
90-110	66.59	N.A.	1.60
90-120	181.40	N.A.	4.30
90-130	318.48	N.A.	7.50
90-150	591.98	N.A.	13.90
90-180	784.79	N.A.	18.40
110-180	718.20	N.A.	16.80
0-180	4265.17	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	134.67
10-20	378.06
20-30	550.64
30-40	627.10
40-50	608.74
50-60	516.01
60-70	375.42
70-80	215.18
80-90	74.56
90-100	8.44
100-110	58.16
110-120	114.80
120-130	137.09
130-140	142.81
140-150	130.69
150-160	103.38
160-170	66.55
170-180	22.87

IES INDOOR REPORT
PHOTOMETRIC FILENAME : WV2-LED35-SO-4-SAL-D9.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	115	115	115	115	110	110	110	110	101	101	101	93	93	93	85	85	85	82
1	105	100	96	93	100	96	93	89	89	86	83	82	80	77	75	74	72	69
2	96	88	81	76	91	84	79	74	78	73	69	72	68	65	67	64	61	58
3	87	78	70	64	84	75	68	62	69	63	59	64	59	55	59	55	52	49
4	80	69	61	54	77	66	59	53	62	55	50	57	52	48	53	49	45	42
5	74	62	53	47	71	60	52	46	55	49	44	52	46	42	48	43	40	37
6	68	56	47	41	65	54	46	40	50	43	38	47	41	37	44	39	35	33
7	63	51	42	36	61	49	41	36	46	39	34	43	37	33	40	35	31	29
8	59	46	38	32	56	45	37	32	42	35	31	39	34	29	37	32	28	26
9	55	42	35	29	53	41	34	29	39	32	28	36	31	27	34	29	25	24
10	52	39	32	26	50	38	31	26	36	29	25	34	28	24	32	27	23	21

IES INDOOR REPORT
PHOTOMETRIC FILENAME : WV2-LED35-SO-4-SAL-D9.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

X=2H	Y=2H	18.8	20.0	19.4	20.7	21.4	18.2	19.4	18.8	20.1	20.8
	3H	20.4	21.6	21.1	22.2	23.0	19.9	21.0	20.5	21.6	22.4
	4H	21.0	22.1	21.7	22.7	23.5	20.5	21.6	21.2	22.2	23.0
	6H	21.4	22.4	22.1	23.1	23.9	21.1	22.1	21.8	22.7	23.5
	8H	21.5	22.5	22.2	23.1	23.9	21.3	22.3	22.0	22.9	23.7
	12H	21.6	22.5	22.3	23.1	24.0	21.6	22.4	22.2	23.1	23.9

UGR Viewed Endwise

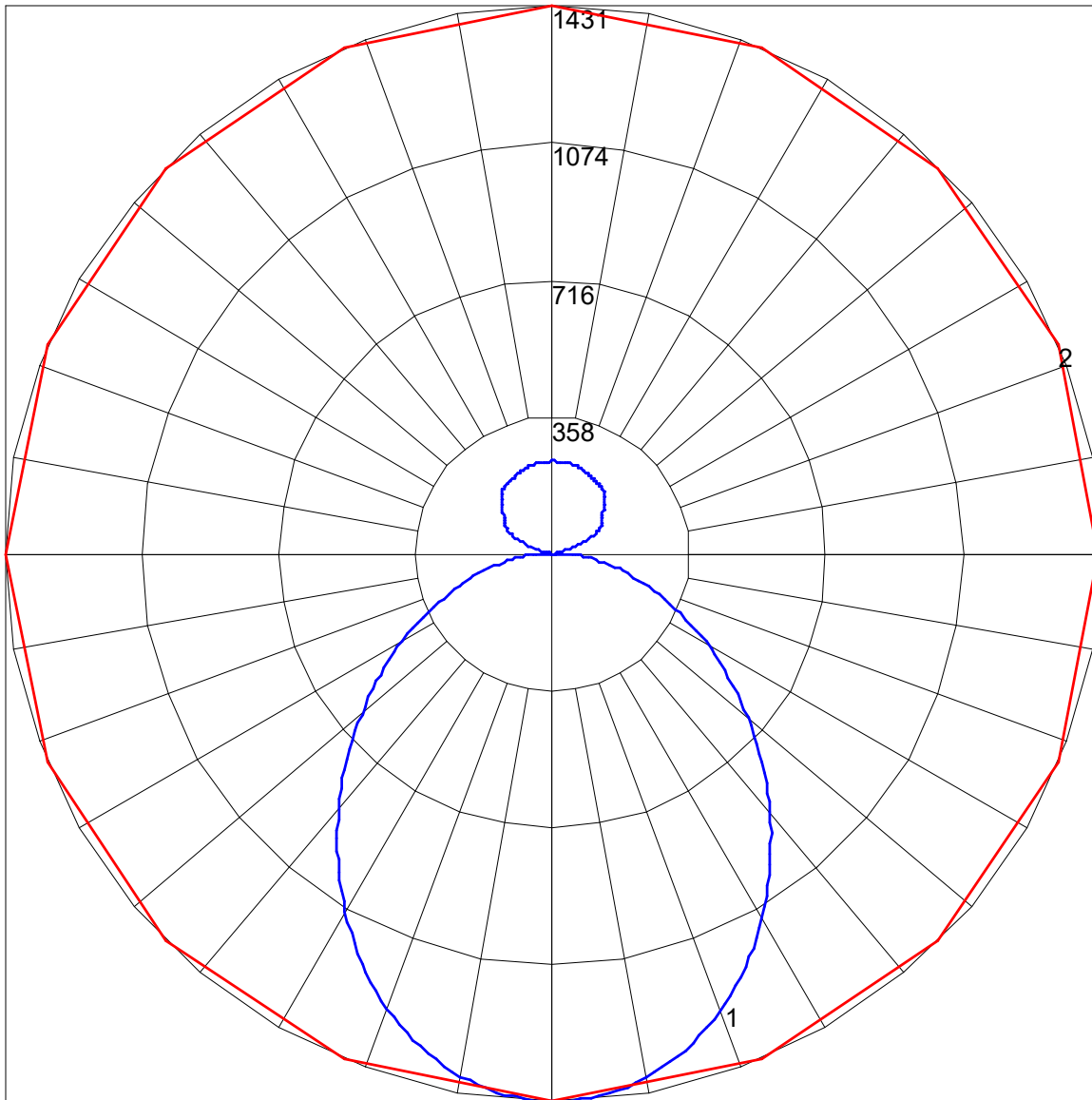
4H	2H	19.3	20.3	19.9	21.0	21.8	18.8	19.9	19.5	20.5	21.3
	3H	21.2	22.0	21.8	22.7	23.5	20.7	21.6	21.4	22.3	23.1
	4H	21.9	22.7	22.6	23.4	24.2	21.5	22.3	22.2	23.0	23.8
	6H	22.4	23.1	23.1	23.8	24.7	22.2	22.9	22.9	23.6	24.5
	8H	22.6	23.2	23.3	23.9	24.8	22.5	23.2	23.2	23.9	24.7
	12H	22.6	23.2	23.4	24.0	24.8	22.8	23.4	23.5	24.1	25.0

8H	4H	22.1	22.8	22.9	23.5	24.4	21.8	22.5	22.5	23.2	24.0
	6H	22.8	23.3	23.5	24.1	25.0	22.6	23.2	23.4	24.0	24.8
	8H	23.0	23.5	23.8	24.3	25.2	23.1	23.5	23.8	24.3	25.2
	12H	23.2	23.6	24.0	24.4	25.3	23.5	23.9	24.2	24.7	25.6

12H	4H	22.2	22.8	22.9	23.5	24.3	21.8	22.4	22.6	23.2	24.0
	6H	22.9	23.4	23.6	24.1	25.0	22.7	23.2	23.5	23.9	24.8
	8H	23.1	23.6	23.9	24.3	25.3	23.2	23.6	23.9	24.4	25.3

Maximum UGR = 25.6

POLAR GRAPH



Maximum Candela = 1431.43 Located At Horizontal Angle = 67.5, Vertical Angle = 1
1 - Vertical Plane Through Horizontal Angles (67.5 - 247.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)