

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: CORELITE

Report Number: P#

Luminaire Tested: **44ID-40-L840-CFR2**

Issue Date: 9/24/2021

This test was performed under the Supervised Manufacturer's Testing Program. The results of this test have not been influenced by sources from within Cooper Lighting Solutions or from external interests.



**Test Information**

Test Method: LM-79-08  
Report Number: P#  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA ( 13890049.01)  
Test Lab: INNOVATION CENTER  
Issue Date: 9/24/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: 44ID-40-L840-CFR2  
Description: 4000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS  
AND 4000K CCT, 80CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No.   Condition   Description

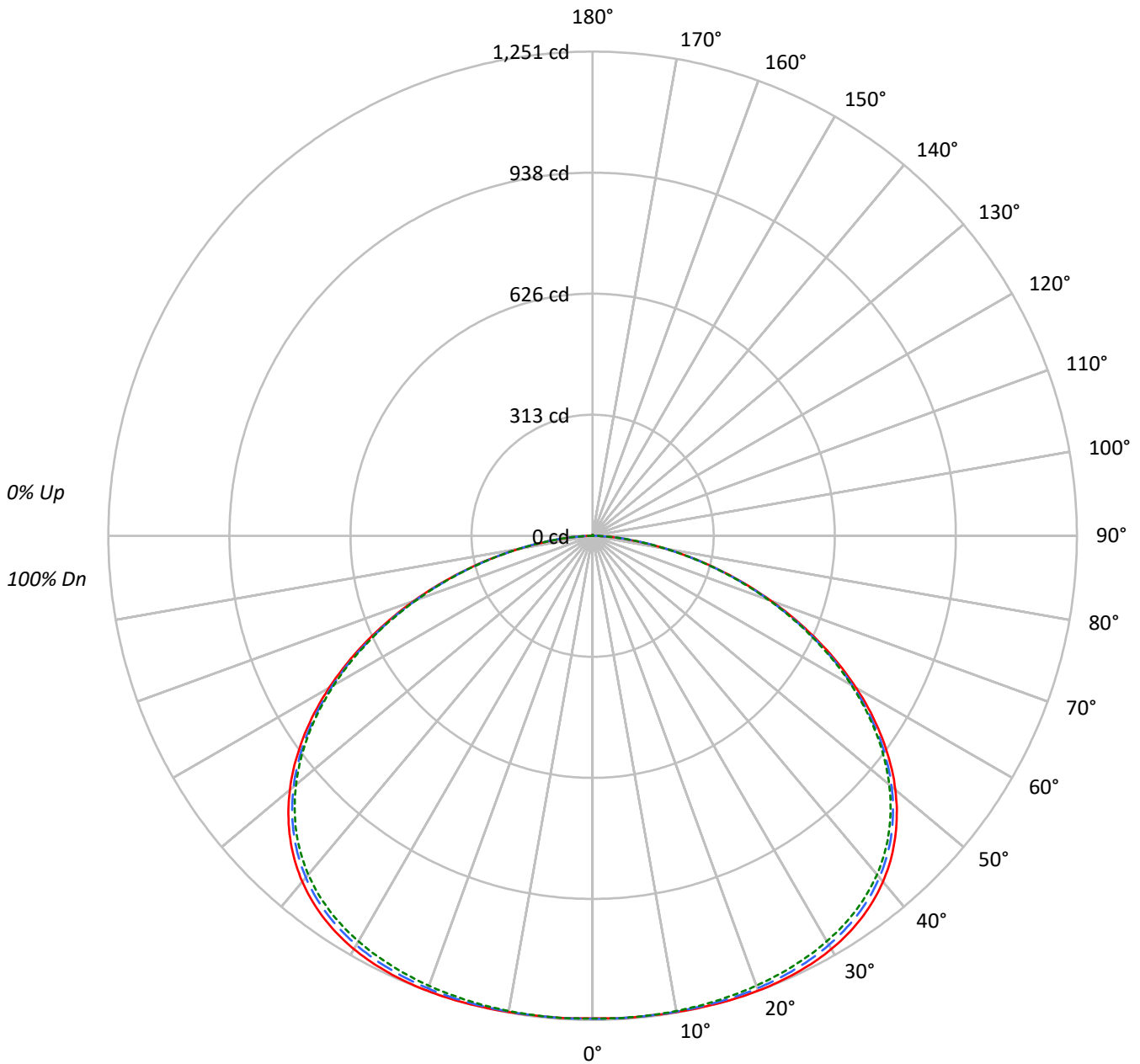
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4516.0 lumens  
Efficiency: N/A  
Efficacy: 140.2 lumens/watt  
Spacing Criteria (0/90/45): 1.48 / 1.45 / 1.57  
Luminous Opening: Rectangular (W 3.88' x L: 3.88' x H: 0')  
CIE Type: Direct

Input Watts (W): 32.2  
Input Voltage (V):  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT

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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20									20									20									20									
RC	80									50									30									10									0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0																
RCR																																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100																			
1	108	103	99	95	105	101	97	93	97	93	90	93	90	87	89	87	85	82																			
2	98	89	82	76	95	87	81	75	84	78	73	80	76	71	77	73	70	68																			
3	89	78	69	62	86	76	68	62	73	66	60	70	64	59	67	63	58	56																			
4	81	68	59	52	78	67	58	52	64	57	51	62	55	50	60	54	49	47																			
5	74	61	51	44	72	59	51	44	57	49	43	55	48	43	53	47	42	40																			
6	68	54	45	38	66	53	44	38	51	43	38	50	43	37	48	42	37	35																			
7	63	49	40	33	61	48	39	33	46	39	33	45	38	33	43	37	32	30																			
8	58	44	36	29	57	44	35	29	42	35	29	41	34	29	40	33	29	27																			
9	54	41	32	26	53	40	32	26	39	31	26	38	31	26	37	30	26	24																			
10	51	37	29	24	50	37	29	24	36	28	23	35	28	23	34	28	23	21																			

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	890	890	890
5°	895	895	894
10°	906	905	904
15°	925	922	919
20°	950	945	940
25°	981	974	966
30°	1017	1006	997
35°	1053	1041	1032
40°	1087	1074	1065
45°	1116	1102	1093
50°	1134	1120	1111
55°	1137	1123	1115
60°	1122	1108	1102
65°	1086	1074	1068
70°	1024	1013	1008
75°	927	921	917
80°	789	791	783
85°	587	602	601



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	119.2	2.6
10°-20°	353.5	7.8
20°-30°	571.4	12.7
30°-40°	748.5	16.6
40°-50°	841.9	18.6
50°-60°	805.6	17.8
60°-70°	628.3	13.9
70°-80°	354.1	7.8
80°-90°	87.6	1.9
90°-100°	0.3	0.0
100°-110°	0.5	0.0
110°-120°	0.9	0.0
120°-130°	1.4	0.0
130°-140°	1.1	0.0
140°-150°	0.7	0.0
150°-160°	0.5	0.0
160°-170°	0.3	0.0
170°-180°	0.1	0.0
0°-30°	1044.1	23.1
0°-40°	1792.6	39.7
0°-60°	3440.0	76.2
0°-90°	4510.0	99.9
90°-120°	1.7	0.0
90°-150°	5.0	0.1
90°-180°	6.0	0.1
0°-180°	4516.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1247	1247	1247	1247	1247	
5°	1248	1249	1248	1248	1248	119
15°	1251	1251	1248	1245	1244	355
25°	1246	1244	1236	1229	1226	576
35°	1208	1204	1194	1187	1184	756
45°	1105	1100	1091	1086	1082	851
55°	914	909	902	899	896	815
65°	643	640	636	634	632	635
75°	336	336	334	333	332	356
85°	72	73	74	74	73	83
90°	1	1	1	1	1	3
95°	0	0	0	0	0	0
105°	0	0	0	0	0	1
115°	1	1	1	1	1	1
125°	2	2	2	2	2	1
135°	2	2	1	1	2	1
145°	1	1	1	1	1	1
155°	1	1	1	1	1	1
165°	1	1	1	1	1	0
175°	1	1	1	2	1	0
180°	1	1	1	1	1	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1247.2	1247.2	1247.2	1247.2	1247.2
0.5°	1246.9	1247.8	1248.1	1247.8	1247.2
1°	1247.2	1247.8	1248.1	1248.1	1247.5
1.5°	1247.5	1248.1	1248.1	1248.1	1247.8
2°	1247.5	1248.1	1248.1	1248.4	1247.8
2.5°	1247.8	1248.4	1248.4	1248.4	1247.8
3°	1248.1	1248.4	1248.4	1248.4	1248.1
3.5°	1248.1	1248.4	1248.4	1248.4	1248.1
4°	1248.4	1248.4	1248.4	1248.4	1248.1
4.5°	1248.4	1248.7	1248.4	1248.4	1248.1
5°	1248.4	1248.7	1248.4	1248.4	1248.1
5.5°	1248.4	1248.7	1248.4	1248.4	1248.1
6°	1248.7	1248.7	1248.4	1248.4	1247.8
6.5°	1248.7	1249.0	1248.7	1248.4	1247.8
7°	1248.7	1249.0	1248.4	1248.4	1247.8
7.5°	1248.7	1249.0	1248.4	1248.1	1247.5
8°	1249.0	1249.0	1248.7	1248.1	1247.5
8.5°	1249.0	1249.3	1248.4	1248.1	1247.2
9°	1249.3	1249.3	1248.7	1247.8	1247.2
9.5°	1249.3	1249.6	1248.4	1247.8	1246.9
10°	1249.6	1249.6	1248.4	1247.5	1246.6
10.5°	1249.9	1249.9	1248.4	1247.5	1246.6
11°	1249.9	1249.9	1248.4	1247.2	1246.3
11.5°	1250.2	1250.2	1248.4	1246.9	1246.0
12°	1250.2	1250.2	1248.4	1246.9	1245.7
12.5°	1250.5	1250.2	1248.1	1246.6	1245.4
13°	1250.5	1250.2	1248.1	1246.3	1245.1
13.5°	1250.8	1250.5	1248.1	1246.0	1244.8
14°	1250.8	1250.5	1248.1	1245.7	1244.1
14.5°	1251.1	1250.5	1247.8	1245.4	1243.8
15°	1251.1	1250.8	1247.8	1245.1	1243.5
15.5°	1251.4	1250.8	1247.5	1244.5	1242.9
16°	1251.1	1250.8	1247.2	1244.1	1242.3
16.5°	1251.4	1250.8	1247.2	1243.5	1241.7
17°	1251.4	1250.5	1246.9	1242.9	1241.4
17.5°	1251.4	1250.5	1246.3	1242.6	1240.8
18°	1251.4	1250.5	1246.0	1242.0	1239.9
18.5°	1251.4	1250.2	1245.7	1241.4	1239.3
19°	1251.1	1250.2	1245.4	1240.8	1238.7
19.5°	1251.1	1249.9	1244.8	1239.9	1237.8
20°	1250.8	1249.6	1244.1	1239.3	1237.1
20.5°	1250.5	1249.3	1243.8	1238.7	1236.2
21°	1250.5	1249.0	1243.2	1237.8	1235.3



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	1249.3	1247.5	1241.1	1235.0	1232.3
23°	1248.7	1246.9	1240.2	1234.1	1231.4
23.5°	1248.1	1246.3	1239.3	1232.9	1230.2
24°	1247.5	1245.7	1238.4	1231.7	1228.9
24.5°	1246.9	1244.8	1237.5	1230.5	1227.7
25°	1246.0	1243.8	1236.2	1229.2	1226.5
25.5°	1245.1	1242.9	1235.0	1228.0	1225.0
26°	1244.1	1242.0	1233.8	1226.8	1223.8
26.5°	1243.2	1240.8	1232.6	1225.3	1222.2
27°	1242.0	1239.6	1231.1	1223.8	1220.7
27.5°	1240.8	1238.4	1229.5	1222.2	1219.2
28°	1239.6	1236.8	1228.0	1220.7	1217.7
28.5°	1238.1	1235.3	1226.5	1218.9	1215.9
29°	1236.5	1233.8	1224.7	1217.1	1214.0
29.5°	1235.0	1232.0	1222.9	1215.2	1211.9
30°	1233.2	1230.2	1220.7	1213.1	1209.8
30.5°	1231.4	1228.3	1218.6	1211.0	1207.9
31°	1229.2	1226.2	1216.5	1208.9	1205.5
31.5°	1227.4	1224.1	1214.0	1206.7	1203.4
32°	1225.0	1221.6	1211.9	1204.3	1201.0
32.5°	1222.5	1219.2	1209.2	1201.6	1198.2
33°	1220.1	1216.5	1206.4	1199.1	1195.5
33.5°	1217.4	1213.7	1203.7	1196.4	1192.7
34°	1214.3	1210.7	1200.6	1193.3	1190.0
34.5°	1211.3	1207.6	1197.6	1190.3	1187.0
35°	1208.3	1204.3	1194.3	1187.0	1183.6
35.5°	1204.9	1201.0	1190.9	1183.6	1180.3
36°	1201.6	1197.3	1187.3	1180.3	1176.6
36.5°	1197.6	1193.7	1183.6	1176.6	1173.3
37°	1193.7	1189.7	1179.7	1172.7	1169.3
37.5°	1189.7	1185.4	1175.7	1168.7	1165.1
38°	1185.4	1181.5	1171.4	1164.8	1161.1
38.5°	1181.2	1176.9	1166.9	1160.2	1156.8
39°	1176.6	1172.1	1162.3	1155.9	1152.3
39.5°	1171.7	1167.2	1157.8	1151.1	1147.7
40°	1166.6	1162.3	1152.6	1146.2	1142.9
40.5°	1161.7	1157.1	1147.4	1141.3	1137.7
41°	1156.2	1151.7	1142.2	1135.9	1132.2
41.5°	1150.5	1145.9	1136.5	1130.4	1126.7
42°	1144.7	1140.1	1130.7	1124.9	1120.9
42.5°	1138.6	1134.0	1124.6	1118.8	1115.2
43°	1132.5	1127.6	1118.5	1112.7	1109.1
43.5°	1126.1	1121.3	1112.1	1106.3	1102.7



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	1105.1	1100.3	1091.4	1086.3	1082.3
45.5°	1097.8	1092.7	1084.1	1079.0	1075.3
46°	1090.2	1085.1	1076.5	1071.4	1067.7
46.5°	1082.3	1077.1	1068.9	1063.8	1060.1
47°	1074.1	1069.2	1060.7	1056.2	1052.2
47.5°	1065.9	1060.7	1052.5	1047.9	1044.0
48°	1057.7	1052.2	1044.3	1039.4	1035.5
48.5°	1048.9	1043.7	1035.8	1031.2	1027.6
49°	1039.4	1034.6	1026.6	1021.8	1018.4
49.5°	1030.3	1025.4	1017.5	1013.0	1009.3
50°	1020.9	1015.7	1008.4	1003.8	1000.2
50.5°	1011.1	1006.0	998.7	994.1	990.8
51°	1001.4	996.2	988.9	984.4	980.7
51.5°	991.1	985.9	978.6	974.3	971.0
52°	980.7	975.5	968.2	964.3	960.9
52.5°	970.4	965.2	957.9	953.6	950.6
53°	959.1	954.3	947.6	943.6	940.3
53.5°	947.9	943.0	936.3	932.3	929.3
54°	936.6	931.7	925.0	921.1	918.4
54.5°	925.7	920.5	914.1	910.1	907.4
55°	913.8	908.9	902.5	898.6	895.8
55.5°	901.9	897.1	890.7	886.7	884.3
56°	889.5	884.9	878.5	875.2	872.7
56.5°	877.0	872.7	866.3	863.0	860.6
57°	864.8	860.3	854.2	851.1	848.7
57.5°	852.7	847.8	841.7	838.7	836.2
58°	839.3	834.7	828.9	825.9	823.8
58.5°	826.2	821.9	815.8	813.1	811.0
59°	813.1	808.8	803.1	800.3	798.2
59.5°	799.4	795.5	789.7	786.9	784.8
60°	786.0	781.8	776.3	773.9	771.7
60.5°	772.3	768.7	762.9	760.5	758.4
61°	758.4	754.7	749.2	746.8	744.7
61.5°	744.1	741.0	735.5	733.1	731.3
62°	730.1	727.0	721.5	719.4	717.6
62.5°	715.8	712.7	707.2	705.1	703.3
63°	701.5	698.4	693.3	691.1	689.3
63.5°	686.9	683.8	679.0	676.8	675.0
64°	672.3	669.2	664.1	662.5	660.4
64.5°	657.7	654.6	649.5	647.9	646.1
65°	642.8	640.3	635.5	633.6	632.4
65.5°	628.2	625.1	620.6	619.0	617.2
66°	612.6	610.2	605.6	604.1	602.9





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	567.6	564.9	560.9	559.4	557.9
68°	552.1	549.7	545.7	544.5	543.0
68.5°	536.6	534.2	530.2	529.3	528.4
69°	521.1	518.6	515.3	514.4	513.2
69.5°	505.9	503.4	500.4	499.5	498.0
70°	490.4	488.2	485.2	484.3	482.8
70.5°	474.8	472.7	470.0	469.1	467.5
71°	459.3	457.5	455.1	453.9	452.3
71.5°	444.1	442.3	439.6	438.6	437.4
72°	428.6	427.1	424.3	423.7	422.2
72.5°	413.1	411.9	409.1	408.5	407.3
73°	397.6	396.4	393.6	393.0	392.1
73.5°	382.4	381.2	378.7	377.8	376.9
74°	367.2	366.2	363.8	363.2	362.0
74.5°	351.6	351.0	348.9	348.0	347.1
75°	336.1	336.1	334.0	333.4	332.5
75.5°	321.2	321.2	319.1	318.5	317.6
76°	306.3	306.3	304.2	303.6	302.4
76.5°	291.3	291.4	289.6	289.0	287.9
77°	276.8	277.0	275.4	274.5	273.5
77.5°	261.4	262.2	260.8	260.1	259.1
78°	247.0	247.9	246.6	246.0	245.1
78.5°	233.5	234.0	233.2	232.5	231.3
79°	219.3	219.7	219.1	218.5	217.4
79.5°	205.3	206.0	205.6	205.1	203.7
80°	191.9	192.4	192.5	191.7	190.4
80.5°	177.7	178.9	179.0	178.2	177.6
81°	164.7	165.8	166.1	165.6	164.7
81.5°	151.9	153.1	153.4	153.1	152.0
82°	139.0	140.5	141.0	140.7	139.5
82.5°	126.7	128.4	128.9	128.7	127.6
83°	114.8	116.6	117.1	117.2	116.2
83.5°	103.2	105.0	105.6	105.8	104.6
84°	92.2	93.8	94.5	94.8	93.8
84.5°	81.6	82.9	83.8	84.2	83.7
85°	71.7	72.6	73.5	74.0	73.4
85.5°	62.1	62.8	63.5	64.3	63.8
86°	53.2	53.9	54.3	55.0	55.0
86.5°	44.7	45.0	45.3	46.1	46.1
87°	36.5	36.5	36.7	37.7	37.7
87.5°	28.2	28.4	28.5	29.4	29.7
88°	19.9	20.6	20.7	21.6	21.5
88.5°	14.1	14.1	14.0	14.8	15.0



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	0.7	0.6	0.7	0.7	0.6
90.5°	0.2	0.2	0.2	0.2	0.2
91°	0.2	0.2	0.2	0.2	0.2
91.5°	0.3	0.2	0.2	0.2	0.2
92°	0.2	0.2	0.2	0.2	0.2
92.5°	0.2	0.2	0.2	0.2	0.2
93°	0.2	0.2	0.2	0.2	0.2
93.5°	0.3	0.2	0.2	0.2	0.3
94°	0.3	0.2	0.3	0.2	0.3
94.5°	0.3	0.3	0.2	0.3	0.3
95°	0.3	0.2	0.3	0.2	0.3
95.5°	0.2	0.3	0.3	0.3	0.3
96°	0.3	0.3	0.3	0.3	0.3
96.5°	0.3	0.3	0.3	0.3	0.3
97°	0.3	0.3	0.3	0.3	0.4
97.5°	0.4	0.3	0.3	0.3	0.4
98°	0.4	0.3	0.3	0.3	0.4
98.5°	0.4	0.3	0.3	0.3	0.4
99°	0.4	0.4	0.3	0.3	0.3
99.5°	0.4	0.3	0.4	0.3	0.3
100°	0.4	0.4	0.4	0.4	0.4
100.5°	0.4	0.4	0.4	0.4	0.4
101°	0.4	0.4	0.4	0.4	0.4
101.5°	0.5	0.4	0.4	0.4	0.4
102°	0.5	0.4	0.4	0.4	0.4
102.5°	0.4	0.4	0.4	0.4	0.4
103°	0.4	0.4	0.4	0.4	0.4
103.5°	0.5	0.5	0.4	0.4	0.4
104°	0.5	0.5	0.5	0.4	0.4
104.5°	0.5	0.5	0.5	0.5	0.4
105°	0.5	0.5	0.5	0.5	0.5
105.5°	0.5	0.4	0.5	0.5	0.5
106°	0.5	0.5	0.5	0.5	0.5
106.5°	0.5	0.5	0.5	0.5	0.5
107°	0.5	0.5	0.5	0.5	0.5
107.5°	0.6	0.5	0.5	0.6	0.5
108°	0.6	0.5	0.5	0.6	0.5
108.5°	0.6	0.6	0.6	0.5	0.5
109°	0.6	0.6	0.6	0.6	0.6
109.5°	0.6	0.5	0.6	0.6	0.5
110°	0.6	0.6	0.6	0.6	0.6
110.5°	0.6	0.6	0.6	0.6	0.7
111°	0.6	0.7	0.7	0.7	0.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-40-L840-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	0.7	0.8	0.8	0.8	0.7
113°	0.8	0.7	0.7	0.8	0.8
113.5°	0.8	0.8	0.8	0.9	0.9
114°	0.9	0.9	0.9	0.9	0.9
114.5°	0.9	0.9	0.9	0.9	0.8
115°	0.9	0.9	0.9	0.9	0.9
115.5°	1.0	0.9	1.0	0.9	0.9
116°	1.0	1.0	1.0	1.0	0.9
116.5°	1.0	1.0	1.0	1.0	1.0
117°	1.1	1.1	1.1	1.1	1.0
117.5°	1.2	1.1	1.1	1.1	1.0
118°	1.2	1.1	1.2	1.1	1.1
118.5°	1.2	1.2	1.2	1.2	1.1
119°	1.2	1.2	1.3	1.2	1.2
119.5°	1.3	1.3	1.3	1.2	1.2
120°	1.3	1.3	1.3	1.3	1.3
120.5°	1.4	1.3	1.4	1.3	1.3
121°	1.4	1.4	1.4	1.4	1.3
121.5°	1.5	1.5	1.4	1.4	1.4
122°	1.4	1.5	1.5	1.4	1.5
122.5°	1.6	1.5	1.5	1.5	1.4
123°	1.6	1.6	1.5	1.5	1.5
123.5°	1.6	1.6	1.6	1.5	1.6
124°	1.6	1.6	1.6	1.6	1.6
124.5°	1.7	1.6	1.6	1.6	1.6
125°	1.8	1.7	1.7	1.6	1.6
125.5°	1.8	1.7	1.7	1.6	1.7
126°	1.8	1.7	1.7	1.7	1.6
126.5°	1.7	1.7	1.8	1.7	1.7
127°	1.8	1.8	1.7	1.7	1.6
127.5°	1.8	1.8	1.8	1.7	1.6
128°	1.8	1.7	1.7	1.7	1.7
128.5°	1.8	1.8	1.7	1.6	1.7
129°	1.7	1.7	1.7	1.7	1.6
129.5°	1.7	1.7	1.7	1.7	1.7
130°	1.7	1.7	1.7	1.6	1.6
130.5°	1.8	1.7	1.7	1.6	1.6
131°	1.7	1.7	1.7	1.6	1.6
131.5°	1.7	1.6	1.6	1.6	1.6
132°	1.7	1.6	1.6	1.6	1.6
132.5°	1.7	1.6	1.6	1.6	1.6
133°	1.6	1.6	1.6	1.5	1.5
133.5°	1.6	1.6	1.5	1.4	1.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-40-L840-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	1.6	1.5	1.4	1.4	1.5
135.5°	1.5	1.5	1.4	1.4	1.5
136°	1.5	1.4	1.4	1.3	1.5
136.5°	1.5	1.4	1.4	1.3	1.4
137°	1.5	1.4	1.4	1.3	1.4
137.5°	1.4	1.4	1.3	1.2	1.3
138°	1.4	1.3	1.3	1.2	1.3
138.5°	1.4	1.3	1.3	1.2	1.3
139°	1.2	1.3	1.3	1.2	1.3
139.5°	1.3	1.2	1.2	1.2	1.3
140°	1.3	1.2	1.2	1.2	1.2
140.5°	1.3	1.2	1.2	1.2	1.2
141°	1.2	1.2	1.2	1.1	1.2
141.5°	1.2	1.2	1.2	1.1	1.2
142°	1.1	1.1	1.2	1.1	1.1
142.5°	1.1	1.2	1.2	1.1	1.1
143°	1.2	1.2	1.2	1.1	1.1
143.5°	1.2	1.2	1.2	1.1	1.1
144°	1.2	1.1	1.2	1.0	1.1
144.5°	1.1	1.1	1.1	1.1	1.1
145°	1.2	1.1	1.1	1.0	1.1
145.5°	1.1	1.1	1.1	1.0	1.2
146°	1.1	1.1	1.0	1.0	1.1
146.5°	1.2	1.1	1.0	1.0	1.1
147°	1.1	1.1	1.0	1.0	1.0
147.5°	1.1	1.1	1.0	1.0	1.1
148°	1.1	1.1	1.0	1.0	1.1
148.5°	1.2	1.1	1.0	1.0	1.1
149°	1.1	1.1	1.0	1.0	1.1
149.5°	1.2	1.0	1.0	1.0	1.2
150°	1.2	1.1	1.0	1.0	1.1
150.5°	1.1	1.1	1.0	1.0	1.1
151°	1.2	1.1	1.0	1.0	1.2
151.5°	1.2	1.1	1.0	1.0	1.2
152°	1.2	1.1	1.1	1.1	1.1
152.5°	1.2	1.1	1.0	1.1	1.2
153°	1.2	1.1	1.1	1.1	1.2
153.5°	1.2	1.1	1.0	1.1	1.2
154°	1.2	1.1	1.1	1.1	1.2
154.5°	1.2	1.1	1.1	1.2	1.2
155°	1.1	1.1	1.1	1.2	1.2
155.5°	1.2	1.1	1.1	1.1	1.2
156°	1.1	1.1	1.1	1.1	1.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-40-L840-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	1.1	1.1	1.1	1.2	1.2
158°	1.2	1.1	1.1	1.1	1.2
158.5°	1.2	1.1	1.1	1.1	1.2
159°	1.2	1.1	1.1	1.1	1.2
159.5°	1.2	1.1	1.1	1.1	1.3
160°	1.2	1.1	1.1	1.1	1.2
160.5°	1.1	1.1	1.1	1.2	1.2
161°	1.1	1.1	1.1	1.2	1.2
161.5°	1.2	1.1	1.1	1.1	1.2
162°	1.1	1.1	1.1	1.2	1.2
162.5°	1.2	1.2	1.1	1.1	1.2
163°	1.2	1.1	1.2	1.2	1.2
163.5°	1.2	1.1	1.2	1.2	1.2
164°	1.1	1.2	1.1	1.2	1.2
164.5°	1.1	1.2	1.2	1.2	1.2
165°	1.1	1.1	1.1	1.2	1.2
165.5°	1.1	1.1	1.1	1.3	1.2
166°	1.2	1.2	1.1	1.2	1.2
166.5°	1.2	1.1	1.1	1.2	1.1
167°	1.1	1.2	1.1	1.3	1.2
167.5°	1.2	1.2	1.2	1.3	1.2
168°	1.2	1.2	1.1	1.3	1.2
168.5°	1.2	1.2	1.2	1.4	1.2
169°	1.2	1.2	1.1	1.4	1.2
169.5°	1.2	1.2	1.2	1.3	1.3
170°	1.2	1.2	1.2	1.4	1.2
170.5°	1.2	1.3	1.2	1.4	1.3
171°	1.2	1.2	1.2	1.4	1.3
171.5°	1.2	1.2	1.2	1.4	1.3
172°	1.2	1.2	1.3	1.4	1.3
172.5°	1.3	1.3	1.3	1.4	1.3
173°	1.2	1.2	1.3	1.4	1.3
173.5°	1.3	1.3	1.3	1.4	1.4
174°	1.3	1.3	1.4	1.4	1.3
174.5°	1.3	1.4	1.4	1.5	1.4
175°	1.4	1.4	1.4	1.5	1.4
175.5°	1.4	1.4	1.5	1.4	1.4
176°	1.5	1.5	1.4	1.4	1.4
176.5°	1.5	1.4	1.5	1.3	1.4
177°	1.5	1.4	1.4	1.3	1.4
177.5°	1.5	1.4	1.3	1.3	1.4
178°	1.4	1.4	1.3	1.3	1.3
178.5°	1.4	1.3	1.3	1.3	1.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-40-L840-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	1.2	1.2	1.2	1.2	1.2



Report Generated By 670246072 / DESKTOP-MV3F9LC







— 0°-180°    - - 45°-225°    - - - - 90°-270°







21.5°	1250.2	1248.7	1242.6	1236.8	1234.4
22°	1249.6	1248.1	1241.7	1235.9	1233.5



44°	1119.1	1114.6	1105.4	1100.0	1096.3
44.5°	1112.1	1107.3	1098.7	1093.0	1089.3



66.5°	597.7	595.3	590.7	589.2	587.7
67°	582.8	580.1	575.8	574.3	573.1



89°	8.9	8.7	8.6	9.1	9.2
89.5°	3.9	4.0	3.9	4.2	4.1



111.5°	0.8	0.7	0.7	0.7	0.7
112°	0.8	0.7	0.7	0.7	0.8





134°	1.6	1.5	1.5	1.5	1.6
134.5°	1.6	1.5	1.5	1.4	1.5



156.5°	1.2	1.1	1.1	1.2	1.2
157°	1.2	1.1	1.1	1.1	1.2



179°	1.3	1.3	1.2	1.2	1.3
179.5°	1.2	1.2	1.2	1.2	1.2



(END OF REPORT)