

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-50-L940-CFD2**

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-50-L940-CFD2
Description: 5000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS
AND 4000K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

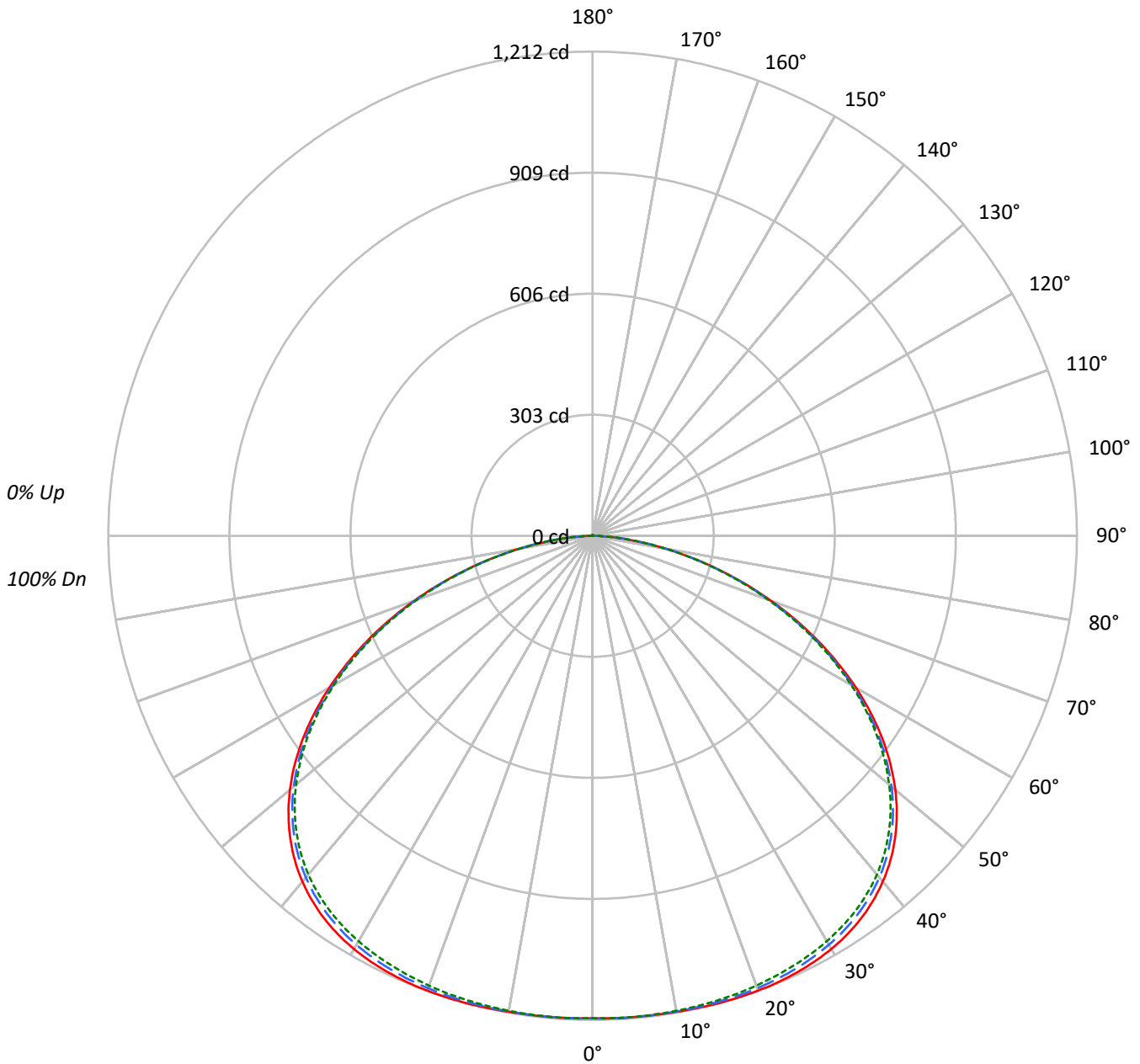
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4374.0 lumens
Efficiency: N/A
Efficacy: 112.2 lumens/watt
Spacing Criteria (0/90/45): 1.48 / 1.45 / 1.57
Luminous Opening: Rectangular w/ Sides (W: 3.88' x L: 3.88' x H: 0.17')
CIE Type: Direct

Input Watts (W): 39
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

TEST NUMBER: P#
CATALOG NUMBER: 44ID-50-L940-CFD2

Luminous Intensity Polar Plot





TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L940-CFD2

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					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	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°	862	862	862
5°	863	862	863
10°	871	867	869
15°	885	879	880
20°	906	896	896
25°	932	917	917
30°	961	942	943
35°	990	967	970
40°	1016	990	996
45°	1036	1006	1015
50°	1045	1012	1024
55°	1038	1001	1018
60°	1012	971	993
65°	963	920	947
70°	887	841	873
75°	774	727	766
80°	614	570	610
85°	382	344	391



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L940-CFD2

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	115.4	2.6
10°-20°	342.4	7.8
20°-30°	553.5	12.7
30°-40°	724.9	16.6
40°-50°	815.4	18.6
50°-60°	780.3	17.8
60°-70°	608.5	13.9
70°-80°	343.0	7.8
80°-90°	84.9	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°	1011.3	23.1
0°-40°	1736.2	39.7
0°-60°	3331.9	76.2
0°-90°	4368.2	99.9
90°-120°	1.7	0.0
90°-150°	4.8	0.1
90°-180°	6.0	0.1
0°-180°	4374.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1208	1208	1208	1208	1208	
5°	1209	1209	1209	1209	1209	115
15°	1212	1212	1209	1206	1204	343
25°	1207	1205	1197	1191	1188	558
35°	1170	1166	1157	1150	1146	733
45°	1070	1066	1057	1052	1048	825
55°	885	880	874	870	868	789
65°	622	620	616	614	612	615
75°	326	326	324	323	322	345
85°	70	70	71	72	71	81
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	1	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	1	1	0
180°	1	1	1	1	1	



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L940-CFD2

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1208.0	1208.0	1208.0	1208.0	1208.0
0.5°	1207.7	1208.6	1208.9	1208.6	1208.0
1°	1208.0	1208.6	1208.9	1208.9	1208.3
1.5°	1208.3	1208.9	1208.9	1208.9	1208.6
2°	1208.3	1208.9	1208.9	1209.2	1208.6
2.5°	1208.6	1209.2	1209.2	1209.2	1208.6
3°	1208.9	1209.2	1209.2	1209.2	1208.9
3.5°	1208.9	1209.2	1209.2	1209.2	1208.9
4°	1209.2	1209.2	1209.2	1209.2	1208.9
4.5°	1209.2	1209.4	1209.2	1209.2	1208.9
5°	1209.2	1209.4	1209.2	1209.2	1208.9
5.5°	1209.2	1209.4	1209.2	1209.2	1208.9
6°	1209.4	1209.4	1209.2	1209.2	1208.6
6.5°	1209.4	1209.7	1209.4	1209.2	1208.6
7°	1209.4	1209.7	1209.2	1209.2	1208.6
7.5°	1209.4	1209.7	1209.2	1208.9	1208.3
8°	1209.7	1209.7	1209.4	1208.9	1208.3
8.5°	1209.7	1210.0	1209.2	1208.9	1208.0
9°	1210.0	1210.0	1209.4	1208.6	1208.0
9.5°	1210.0	1210.3	1209.2	1208.6	1207.7
10°	1210.3	1210.3	1209.2	1208.3	1207.4
10.5°	1210.6	1210.6	1209.2	1208.3	1207.4
11°	1210.6	1210.6	1209.2	1208.0	1207.1
11.5°	1210.9	1210.9	1209.2	1207.7	1206.8
12°	1210.9	1210.9	1209.2	1207.7	1206.5
12.5°	1211.2	1210.9	1208.9	1207.4	1206.2
13°	1211.2	1210.9	1208.9	1207.1	1205.9
13.5°	1211.5	1211.2	1208.9	1206.8	1205.6
14°	1211.5	1211.2	1208.9	1206.5	1205.0
14.5°	1211.8	1211.2	1208.6	1206.2	1204.7
15°	1211.8	1211.5	1208.6	1205.9	1204.4
15.5°	1212.1	1211.5	1208.3	1205.3	1203.8
16°	1211.8	1211.5	1208.0	1205.0	1203.3
16.5°	1212.1	1211.5	1208.0	1204.4	1202.7
17°	1212.1	1211.2	1207.7	1203.8	1202.4
17.5°	1212.1	1211.2	1207.1	1203.6	1201.8
18°	1212.1	1211.2	1206.8	1203.0	1200.9
18.5°	1212.1	1210.9	1206.5	1202.4	1200.3
19°	1211.8	1210.9	1206.2	1201.8	1199.7
19.5°	1211.8	1210.6	1205.6	1200.9	1198.8
20°	1211.5	1210.3	1205.0	1200.3	1198.2
20.5°	1211.2	1210.0	1204.7	1199.7	1197.4
21°	1211.2	1209.7	1204.1	1198.8	1196.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L940-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	1210.0	1208.3	1202.1	1196.2	1193.5
23°	1209.4	1207.7	1201.2	1195.3	1192.7
23.5°	1208.9	1207.1	1200.3	1194.1	1191.5
24°	1208.3	1206.5	1199.4	1192.9	1190.3
24.5°	1207.7	1205.6	1198.5	1191.8	1189.1
25°	1206.8	1204.7	1197.4	1190.6	1187.9
25.5°	1205.9	1203.8	1196.2	1189.4	1186.5
26°	1205.0	1203.0	1195.0	1188.2	1185.3
26.5°	1204.1	1201.8	1193.8	1186.8	1183.8
27°	1203.0	1200.6	1192.4	1185.3	1182.3
27.5°	1201.8	1199.4	1190.9	1183.8	1180.9
28°	1200.6	1198.0	1189.4	1182.3	1179.4
28.5°	1199.1	1196.5	1187.9	1180.6	1177.6
29°	1197.7	1195.0	1186.2	1178.8	1175.9
29.5°	1196.2	1193.2	1184.4	1177.0	1173.8
30°	1194.4	1191.5	1182.3	1175.0	1171.7
30.5°	1192.7	1189.7	1180.3	1172.9	1170.0
31°	1190.6	1187.6	1178.2	1170.8	1167.6
31.5°	1188.8	1185.6	1175.9	1168.8	1165.5
32°	1186.5	1183.2	1173.8	1166.4	1163.2
32.5°	1184.1	1180.9	1171.1	1163.8	1160.5
33°	1181.7	1178.2	1168.5	1161.4	1157.9
33.5°	1179.1	1175.6	1165.8	1158.8	1155.2
34°	1176.2	1172.6	1162.9	1155.8	1152.6
34.5°	1173.2	1169.7	1159.9	1152.9	1149.6
35°	1170.3	1166.4	1156.7	1149.6	1146.4
35.5°	1167.0	1163.2	1153.5	1146.4	1143.2
36°	1163.8	1159.7	1149.9	1143.2	1139.6
36.5°	1159.9	1156.1	1146.4	1139.6	1136.4
37°	1156.1	1152.3	1142.6	1135.8	1132.5
37.5°	1152.3	1148.2	1138.7	1132.0	1128.4
38°	1148.2	1144.3	1134.6	1128.1	1124.6
38.5°	1144.0	1139.9	1130.2	1123.7	1120.5
39°	1139.6	1135.2	1125.8	1119.6	1116.0
39.5°	1134.9	1130.5	1121.4	1114.9	1111.6
40°	1129.9	1125.8	1116.3	1110.2	1106.9
40.5°	1125.2	1120.8	1111.3	1105.4	1101.9
41°	1119.9	1115.5	1106.3	1100.1	1096.6
41.5°	1114.3	1109.9	1100.7	1094.8	1091.3
42°	1108.7	1104.3	1095.1	1089.5	1085.7
42.5°	1102.8	1098.4	1089.2	1083.6	1080.1
43°	1096.9	1092.2	1083.3	1077.7	1074.2
43.5°	1090.7	1086.0	1077.2	1071.6	1068.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L940-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	1070.4	1065.7	1057.1	1052.1	1048.3
45.5°	1063.3	1058.3	1050.1	1045.0	1041.5
46°	1055.9	1050.9	1042.7	1037.7	1034.1
46.5°	1048.3	1043.3	1035.3	1030.3	1026.8
47°	1040.3	1035.6	1027.4	1022.9	1019.1
47.5°	1032.4	1027.4	1019.4	1015.0	1011.2
48°	1024.4	1019.1	1011.5	1006.7	1002.9
48.5°	1015.9	1010.9	1003.2	998.8	995.3
49°	1006.7	1002.0	994.4	989.7	986.4
49.5°	997.9	993.2	985.5	981.1	977.6
50°	988.8	983.8	976.7	972.3	968.7
50.5°	979.3	974.3	967.3	962.8	959.6
51°	969.9	964.9	957.8	953.4	949.9
51.5°	959.9	954.9	947.8	943.7	940.5
52°	949.9	944.9	937.8	934.0	930.7
52.5°	939.9	934.9	927.8	923.7	920.7
53°	929.0	924.2	917.8	913.9	910.7
53.5°	918.1	913.3	906.9	903.0	900.1
54°	907.2	902.4	896.0	892.1	889.5
54.5°	896.6	891.5	885.4	881.5	878.9
55°	885.1	880.3	874.2	870.3	867.7
55.5°	873.6	868.9	862.7	858.8	856.5
56°	861.5	857.1	850.9	847.6	845.3
56.5°	849.4	845.3	839.1	835.9	833.5
57°	837.6	833.2	827.3	824.4	822.0
57.5°	825.8	821.1	815.2	812.3	809.9
58°	812.9	808.5	802.9	799.9	797.9
58.5°	800.2	796.1	790.2	787.5	785.5
59°	787.5	783.4	777.8	775.2	773.1
59.5°	774.3	770.5	764.9	762.2	760.1
60°	761.3	757.2	751.9	749.5	747.5
60.5°	748.1	744.5	738.9	736.6	734.5
61°	734.5	731.0	725.7	723.3	721.2
61.5°	720.7	717.7	712.4	710.1	708.3
62°	707.1	704.2	698.9	696.8	695.0
62.5°	693.3	690.3	685.0	682.9	681.2
63°	679.4	676.5	671.5	669.4	667.6
63.5°	665.3	662.3	657.6	655.5	653.8
64°	651.1	648.2	643.2	641.7	639.6
64.5°	637.0	634.0	629.0	627.6	625.8
65°	622.5	620.2	615.5	613.7	612.5
65.5°	608.4	605.5	601.0	599.6	597.8
66°	593.4	591.0	586.6	585.1	584.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L940-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	549.8	547.1	543.3	541.8	540.3
68°	534.7	532.4	528.6	527.4	525.9
68.5°	519.7	517.4	513.5	512.7	511.8
69°	504.7	502.3	499.1	498.2	497.0
69.5°	490.0	487.6	484.7	483.8	482.3
70°	474.9	472.9	469.9	469.0	467.6
70.5°	459.9	457.9	455.2	454.3	452.8
71°	444.9	443.1	440.8	439.6	438.1
71.5°	430.2	428.4	425.7	424.9	423.7
72°	415.1	413.7	411.0	410.4	408.9
72.5°	400.1	398.9	396.3	395.7	394.5
73°	385.1	383.9	381.2	380.7	379.8
73.5°	370.3	369.2	366.8	365.9	365.0
74°	355.6	354.7	352.4	351.8	350.6
74.5°	340.6	340.0	337.9	337.1	336.2
75°	325.6	325.6	323.5	322.9	322.0
75.5°	311.1	311.1	309.1	308.5	307.6
76°	296.7	296.7	294.6	294.1	292.9
76.5°	282.1	282.2	280.5	279.9	278.9
77°	268.1	268.3	266.7	265.9	264.9
77.5°	253.2	253.9	252.6	251.9	250.9
78°	239.3	240.2	238.8	238.3	237.4
78.5°	226.1	226.7	225.8	225.2	224.0
79°	212.4	212.8	212.2	211.7	210.5
79.5°	198.8	199.6	199.2	198.6	197.3
80°	185.8	186.4	186.4	185.6	184.4
80.5°	172.2	173.2	173.4	172.6	172.0
81°	159.5	160.5	160.8	160.4	159.5
81.5°	147.1	148.3	148.6	148.3	147.2
82°	134.6	136.1	136.5	136.3	135.1
82.5°	122.7	124.4	124.8	124.7	123.6
83°	111.2	113.0	113.4	113.5	112.5
83.5°	100.0	101.7	102.3	102.4	101.4
84°	89.3	90.8	91.5	91.8	90.9
84.5°	79.1	80.3	81.2	81.6	81.1
85°	69.5	70.4	71.2	71.7	71.1
85.5°	60.2	60.9	61.5	62.3	61.8
86°	51.5	52.2	52.6	53.3	53.3
86.5°	43.3	43.6	43.9	44.7	44.7
87°	35.4	35.4	35.5	36.5	36.5
87.5°	27.3	27.5	27.6	28.5	28.8
88°	19.2	19.9	20.1	20.9	20.8
88.5°	13.6	13.6	13.6	14.4	14.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L940-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.6	0.6	0.6	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	0.1
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°	0.4	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°	0.4	0.4	0.4	0.4	0.4
104°	0.5	0.4	0.4	0.4	0.4
104.5°	0.4	0.5	0.5	0.5	0.4
105°	0.5	0.5	0.4	0.5	0.5
105.5°	0.5	0.4	0.5	0.4	0.4
106°	0.5	0.5	0.5	0.5	0.5
106.5°	0.5	0.5	0.5	0.5	0.4
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	0.6
111°	0.6	0.6	0.6	0.6	0.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L940-CFD2

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L940-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	1.5	1.4	1.4	1.4	1.5
135.5°	1.4	1.5	1.4	1.3	1.4
136°	1.4	1.4	1.3	1.3	1.4
136.5°	1.4	1.4	1.3	1.3	1.4
137°	1.4	1.4	1.3	1.3	1.4
137.5°	1.4	1.3	1.3	1.2	1.3
138°	1.4	1.3	1.2	1.2	1.3
138.5°	1.4	1.3	1.3	1.2	1.3
139°	1.2	1.3	1.2	1.1	1.3
139.5°	1.3	1.2	1.2	1.1	1.3
140°	1.3	1.2	1.2	1.1	1.2
140.5°	1.3	1.2	1.2	1.1	1.2
141°	1.2	1.2	1.1	1.1	1.1
141.5°	1.1	1.2	1.2	1.1	1.1
142°	1.1	1.1	1.1	1.1	1.0
142.5°	1.1	1.1	1.1	1.1	1.0
143°	1.1	1.1	1.1	1.1	1.0
143.5°	1.1	1.1	1.1	1.0	1.0
144°	1.1	1.1	1.1	1.0	1.1
144.5°	1.1	1.1	1.1	1.0	1.1
145°	1.1	1.1	1.1	1.0	1.1
145.5°	1.1	1.0	1.1	1.0	1.1
146°	1.1	1.0	1.0	1.0	1.1
146.5°	1.1	1.0	1.0	1.0	1.1
147°	1.1	1.0	1.0	1.0	1.0
147.5°	1.1	1.0	1.0	1.0	1.1
148°	1.1	1.0	1.0	1.0	1.1
148.5°	1.1	1.1	1.0	1.0	1.1
149°	1.1	1.0	1.0	1.0	1.1
149.5°	1.1	1.0	1.0	1.0	1.1
150°	1.1	1.1	1.0	1.0	1.1
150.5°	1.1	1.0	1.0	1.0	1.1
151°	1.1	1.0	1.0	1.0	1.1
151.5°	1.1	1.1	1.0	1.0	1.1
152°	1.1	1.1	1.0	1.1	1.1
152.5°	1.1	1.1	1.0	1.0	1.1
153°	1.1	1.1	1.0	1.1	1.2
153.5°	1.2	1.1	1.0	1.1	1.1
154°	1.1	1.1	1.1	1.1	1.1
154.5°	1.1	1.1	1.1	1.1	1.2
155°	1.1	1.1	1.1	1.1	1.2
155.5°	1.1	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-50-L940-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	1.1	1.0	1.1	1.1	1.1
158°	1.2	1.1	1.1	1.1	1.2
158.5°	1.1	1.1	1.0	1.1	1.1
159°	1.1	1.1	1.1	1.1	1.2
159.5°	1.1	1.1	1.1	1.1	1.2
160°	1.1	1.1	1.0	1.1	1.2
160.5°	1.1	1.1	1.1	1.1	1.2
161°	1.1	1.1	1.1	1.1	1.2
161.5°	1.1	1.1	1.1	1.1	1.1
162°	1.1	1.1	1.1	1.1	1.1
162.5°	1.1	1.1	1.1	1.1	1.1
163°	1.1	1.1	1.1	1.1	1.1
163.5°	1.1	1.1	1.1	1.1	1.2
164°	1.1	1.1	1.1	1.2	1.2
164.5°	1.1	1.1	1.1	1.2	1.2
165°	1.1	1.1	1.1	1.1	1.2
165.5°	1.0	1.1	1.1	1.2	1.2
166°	1.1	1.1	1.1	1.2	1.1
166.5°	1.1	1.1	1.1	1.2	1.1
167°	1.1	1.2	1.1	1.2	1.2
167.5°	1.1	1.2	1.1	1.3	1.2
168°	1.1	1.1	1.1	1.2	1.2
168.5°	1.1	1.2	1.1	1.3	1.2
169°	1.2	1.2	1.1	1.3	1.2
169.5°	1.2	1.2	1.1	1.3	1.2
170°	1.2	1.2	1.1	1.3	1.2
170.5°	1.2	1.2	1.1	1.3	1.3
171°	1.2	1.2	1.2	1.3	1.3
171.5°	1.2	1.2	1.2	1.4	1.2
172°	1.2	1.2	1.2	1.4	1.3
172.5°	1.2	1.2	1.3	1.4	1.3
173°	1.2	1.2	1.3	1.4	1.3
173.5°	1.3	1.2	1.3	1.3	1.3
174°	1.3	1.3	1.4	1.4	1.3
174.5°	1.3	1.4	1.4	1.4	1.4
175°	1.4	1.4	1.4	1.4	1.3
175.5°	1.4	1.4	1.4	1.4	1.4
176°	1.4	1.4	1.4	1.4	1.4
176.5°	1.5	1.4	1.4	1.3	1.4
177°	1.4	1.4	1.3	1.3	1.4
177.5°	1.4	1.4	1.3	1.3	1.4
178°	1.4	1.3	1.3	1.3	1.3
178.5°	1.3	1.3	1.2	1.2	1.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L940-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	1.1	1.1	1.1	1.1	1.1



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	1210.9	1209.4	1203.6	1198.0	1195.6
22°	1210.3	1208.9	1202.7	1197.1	1194.7



44°	1083.9	1079.5	1070.7	1065.4	1061.8
44.5°	1077.2	1072.4	1064.2	1058.6	1055.1



66.5°	578.9	576.6	572.2	570.7	569.2
67°	564.5	561.9	557.7	556.3	555.1



89°	8.6	8.5	8.4	8.8	8.9
89.5°	3.8	3.9	3.8	4.0	4.0



111.5°	0.7	0.6	0.7	0.7	0.6
112°	0.7	0.7	0.7	0.7	0.7



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



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



179°	1.3	1.2	1.2	1.2	1.3
179.5°	1.1	1.2	1.1	1.1	1.2



(END OF REPORT)