

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-L950-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-L950-CFD2
Description: 5000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS
AND 5000K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

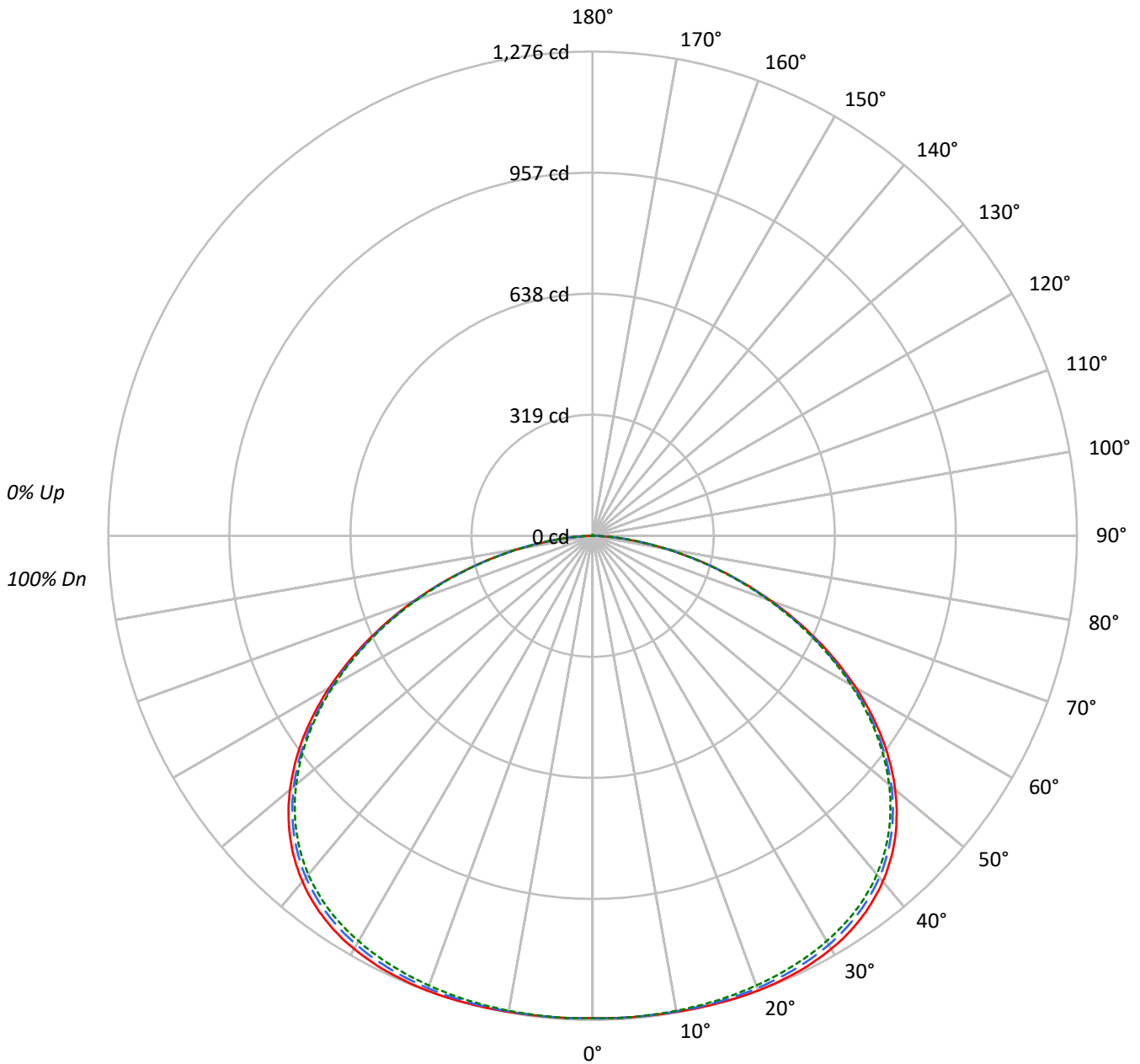
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4604.0 lumens
Efficiency: N/A
Efficacy: 118.1 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-L950-CFD2

Luminous Intensity Polar Plot





TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L950-CFD2

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	908	908	908
5°	909	907	908
10°	917	913	914
15°	932	925	926
20°	954	943	943
25°	981	965	966
30°	1011	991	992
35°	1042	1018	1021
40°	1070	1042	1048
45°	1091	1059	1068
50°	1100	1065	1077
55°	1093	1054	1071
60°	1065	1022	1046
65°	1014	968	997
70°	933	885	919
75°	815	766	806
80°	647	600	642
85°	402	362	411



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L950-CFD2

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.5	2.6
10°-20°	360.4	7.8
20°-30°	582.6	12.7
30°-40°	763.1	16.6
40°-50°	858.3	18.6
50°-60°	821.3	17.8
60°-70°	640.5	13.9
70°-80°	361.0	7.8
80°-90°	89.3	1.9
90°-100°	0.3	0.0
100°-110°	0.5	0.0
110°-120°	0.9	0.0
120°-130°	1.5	0.0
130°-140°	1.2	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°	1064.4	23.1
0°-40°	1827.5	39.7
0°-60°	3507.1	76.2
0°-90°	4597.9	99.9
90°-120°	1.8	0.0
90°-150°	5.1	0.1
90°-180°	6.0	0.1
0°-180°	4604.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1272	1272	1272	1272	1272	
5°	1273	1273	1273	1273	1272	122
15°	1276	1275	1272	1269	1268	362
25°	1270	1268	1260	1253	1250	587
35°	1232	1228	1218	1210	1207	771
45°	1127	1122	1113	1107	1103	868
55°	932	927	920	916	913	830
65°	655	653	648	646	645	647
75°	343	343	340	340	339	363
85°	73	74	75	76	75	85
90°	1	1	1	1	1	3
95°	0	0	0	0	0	0
105°	1	0	0	0	0	1
115°	1	1	1	1	1	1
125°	2	2	2	2	2	2
135°	2	2	2	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°	2	1	2	2	1	0
180°	1	1	1	1	1	



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L950-CFD2

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1271.5	1271.5	1271.5	1271.5	1271.5
0.5°	1271.2	1272.1	1272.4	1272.1	1271.5
1°	1271.5	1272.1	1272.4	1272.4	1271.8
1.5°	1271.8	1272.4	1272.4	1272.4	1272.1
2°	1271.8	1272.4	1272.4	1272.7	1272.1
2.5°	1272.1	1272.7	1272.7	1272.7	1272.1
3°	1272.4	1272.7	1272.7	1272.7	1272.4
3.5°	1272.4	1272.7	1272.7	1272.7	1272.4
4°	1272.7	1272.7	1272.7	1272.7	1272.4
4.5°	1272.7	1273.0	1272.7	1272.7	1272.4
5°	1272.7	1273.0	1272.7	1272.7	1272.4
5.5°	1272.7	1273.0	1272.7	1272.7	1272.4
6°	1273.0	1273.0	1272.7	1272.7	1272.1
6.5°	1273.0	1273.4	1273.0	1272.7	1272.1
7°	1273.0	1273.4	1272.7	1272.7	1272.1
7.5°	1273.0	1273.4	1272.7	1272.4	1271.8
8°	1273.4	1273.4	1273.0	1272.4	1271.8
8.5°	1273.4	1273.7	1272.7	1272.4	1271.5
9°	1273.7	1273.7	1273.0	1272.1	1271.5
9.5°	1273.7	1274.0	1272.7	1272.1	1271.2
10°	1274.0	1274.0	1272.7	1271.8	1270.9
10.5°	1274.3	1274.3	1272.7	1271.8	1270.9
11°	1274.3	1274.3	1272.7	1271.5	1270.6
11.5°	1274.6	1274.6	1272.7	1271.2	1270.3
12°	1274.6	1274.6	1272.7	1271.2	1269.9
12.5°	1274.9	1274.6	1272.4	1270.9	1269.6
13°	1274.9	1274.6	1272.4	1270.6	1269.3
13.5°	1275.2	1274.9	1272.4	1270.3	1269.0
14°	1275.2	1274.9	1272.4	1269.9	1268.4
14.5°	1275.5	1274.9	1272.1	1269.6	1268.1
15°	1275.5	1275.2	1272.1	1269.3	1267.8
15.5°	1275.8	1275.2	1271.8	1268.7	1267.1
16°	1275.5	1275.2	1271.5	1268.4	1266.5
16.5°	1275.8	1275.2	1271.5	1267.8	1265.9
17°	1275.8	1274.9	1271.2	1267.1	1265.6
17.5°	1275.8	1274.9	1270.6	1266.8	1265.0
18°	1275.8	1274.9	1270.3	1266.2	1264.0
18.5°	1275.8	1274.6	1269.9	1265.6	1263.4
19°	1275.5	1274.6	1269.6	1265.0	1262.8
19.5°	1275.5	1274.3	1269.0	1264.0	1261.9
20°	1275.2	1274.0	1268.4	1263.4	1261.3
20.5°	1274.9	1273.7	1268.1	1262.8	1260.3
21°	1274.9	1273.4	1267.5	1261.9	1259.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L950-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	1273.7	1271.8	1265.3	1259.1	1256.3
23°	1273.0	1271.2	1264.4	1258.2	1255.4
23.5°	1272.4	1270.6	1263.4	1256.9	1254.1
24°	1271.8	1269.9	1262.5	1255.7	1252.9
24.5°	1271.2	1269.0	1261.6	1254.4	1251.6
25°	1270.3	1268.1	1260.3	1253.2	1250.4
25.5°	1269.3	1267.1	1259.1	1252.0	1248.9
26°	1268.4	1266.2	1257.8	1250.7	1247.6
26.5°	1267.5	1265.0	1256.6	1249.2	1246.1
27°	1266.2	1263.7	1255.1	1247.6	1244.5
27.5°	1265.0	1262.5	1253.5	1246.1	1243.0
28°	1263.7	1260.9	1252.0	1244.5	1241.4
28.5°	1262.2	1259.4	1250.4	1242.6	1239.5
29°	1260.6	1257.8	1248.5	1240.8	1237.7
29.5°	1259.1	1256.0	1246.7	1238.9	1235.5
30°	1257.2	1254.1	1244.5	1236.8	1233.3
30.5°	1255.4	1252.3	1242.3	1234.6	1231.5
31°	1253.2	1250.1	1240.2	1232.4	1229.0
31.5°	1251.3	1247.9	1237.7	1230.2	1226.8
32°	1248.9	1245.4	1235.5	1227.8	1224.4
32.5°	1246.4	1243.0	1232.7	1225.0	1221.6
33°	1243.9	1240.2	1229.9	1222.5	1218.8
33.5°	1241.1	1237.4	1227.1	1219.7	1216.0
34°	1238.0	1234.3	1224.0	1216.6	1213.2
34.5°	1234.9	1231.2	1220.9	1213.5	1210.1
35°	1231.8	1227.8	1217.5	1210.1	1206.7
35.5°	1228.4	1224.4	1214.1	1206.7	1203.3
36°	1225.0	1220.6	1210.4	1203.3	1199.5
36.5°	1220.9	1216.9	1206.7	1199.5	1196.1
37°	1216.9	1212.9	1202.6	1195.5	1192.1
37.5°	1212.9	1208.5	1198.6	1191.5	1187.8
38°	1208.5	1204.5	1194.3	1187.4	1183.7
38.5°	1204.2	1199.9	1189.6	1182.8	1179.4
39°	1199.5	1194.9	1185.0	1178.5	1174.7
39.5°	1194.6	1189.9	1180.3	1173.5	1170.1
40°	1189.3	1185.0	1175.0	1168.5	1165.1
40.5°	1184.3	1179.7	1169.8	1163.6	1159.8
41°	1178.8	1174.1	1164.5	1158.0	1154.3
41.5°	1172.9	1168.2	1158.6	1152.4	1148.7
42°	1167.0	1162.3	1152.7	1146.8	1142.8
42.5°	1160.8	1156.1	1146.5	1140.6	1136.9
43°	1154.6	1149.6	1140.3	1134.4	1130.7
43.5°	1148.1	1143.1	1133.8	1127.9	1124.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L950-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	1126.7	1121.7	1112.7	1107.4	1103.4
45.5°	1119.2	1114.0	1105.3	1100.0	1096.3
46°	1111.5	1106.2	1097.5	1092.2	1088.5
46.5°	1103.4	1098.1	1089.8	1084.5	1080.8
47°	1095.0	1090.1	1081.4	1076.7	1072.7
47.5°	1086.7	1081.4	1073.0	1068.4	1064.3
48°	1078.3	1072.7	1064.6	1059.7	1055.6
48.5°	1069.3	1064.0	1056.0	1051.3	1047.6
49°	1059.7	1054.7	1046.7	1041.7	1038.3
49.5°	1050.4	1045.4	1037.4	1032.7	1029.0
50°	1040.8	1035.5	1028.0	1023.4	1019.7
50.5°	1030.8	1025.6	1018.1	1013.5	1010.1
51°	1020.9	1015.6	1008.2	1003.5	999.8
51.5°	1010.4	1005.1	997.7	993.3	989.9
52°	999.8	994.6	987.1	983.1	979.7
52.5°	989.3	984.0	976.6	972.2	969.1
53°	977.8	972.8	966.0	962.0	958.6
53.5°	966.3	961.4	954.5	950.5	947.4
54°	954.9	949.9	943.1	939.0	936.3
54.5°	943.7	938.4	931.9	927.9	925.1
55°	931.6	926.6	920.1	916.1	913.3
55.5°	919.5	914.5	908.0	904.0	901.5
56°	906.8	902.1	895.6	892.2	889.7
56.5°	894.1	889.7	883.2	879.8	877.3
57°	881.7	877.0	870.8	867.7	865.2
57.5°	869.3	864.3	858.1	855.0	852.5
58°	855.6	851.0	845.1	842.0	839.8
58.5°	842.3	837.9	831.7	829.0	826.8
59°	829.0	824.6	818.7	815.9	813.8
59.5°	815.0	811.0	805.1	802.3	800.1
60°	801.3	797.0	791.4	788.9	786.8
60.5°	787.4	783.7	777.8	775.3	773.1
61°	773.1	769.4	763.8	761.3	759.2
61.5°	758.6	755.5	749.9	747.4	745.5
62°	744.3	741.2	735.6	733.4	731.6
62.5°	729.7	726.6	721.0	718.9	717.0
63°	715.1	712.0	706.8	704.6	702.7
63.5°	700.3	697.1	692.2	690.0	688.2
64°	685.4	682.3	677.0	675.4	673.3
64.5°	670.5	667.4	662.1	660.6	658.7
65°	655.3	652.8	647.8	646.0	644.7
65.5°	640.4	637.3	632.6	631.1	629.2
66°	624.6	622.1	617.4	615.9	614.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L950-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	578.7	575.9	571.9	570.3	568.8
68°	562.9	560.4	556.4	555.1	553.6
68.5°	547.1	544.6	540.5	539.6	538.7
69°	531.2	528.8	525.3	524.4	523.2
69.5°	515.7	513.2	510.1	509.2	507.7
70°	499.9	497.7	494.6	493.7	492.2
70.5°	484.1	481.9	479.1	478.2	476.7
71°	468.3	466.4	463.9	462.7	461.1
71.5°	452.8	450.9	448.1	447.2	446.0
72°	437.0	435.4	432.6	432.0	430.4
72.5°	421.1	419.9	417.1	416.5	415.3
73°	405.3	404.1	401.3	400.7	399.7
73.5°	389.8	388.6	386.1	385.2	384.2
74°	374.3	373.4	370.9	370.3	369.0
74.5°	358.5	357.9	355.7	354.8	353.8
75°	342.7	342.7	340.5	339.9	339.0
75.5°	327.5	327.5	325.3	324.7	323.8
76°	312.3	312.3	310.1	309.5	308.3
76.5°	296.9	297.1	295.2	294.6	293.6
77°	282.2	282.4	280.7	279.9	278.9
77.5°	266.5	267.3	265.9	265.2	264.1
78°	251.8	252.8	251.4	250.8	249.9
78.5°	238.0	238.6	237.7	237.0	235.8
79°	223.5	224.0	223.4	222.8	221.6
79.5°	209.3	210.0	209.6	209.1	207.7
80°	195.6	196.2	196.2	195.4	194.1
80.5°	181.2	182.4	182.5	181.7	181.0
81°	167.9	169.0	169.3	168.8	167.9
81.5°	154.8	156.1	156.4	156.1	155.0
82°	141.7	143.2	143.7	143.5	142.3
82.5°	129.2	130.9	131.4	131.2	130.1
83°	117.0	118.9	119.4	119.5	118.5
83.5°	105.3	107.1	107.6	107.8	106.7
84°	94.0	95.6	96.3	96.6	95.7
84.5°	83.2	84.5	85.4	85.8	85.4
85°	73.1	74.1	74.9	75.5	74.8
85.5°	63.3	64.1	64.7	65.6	65.0
86°	54.2	55.0	55.4	56.1	56.1
86.5°	45.5	45.9	46.2	47.0	47.0
87°	37.2	37.2	37.4	38.4	38.4
87.5°	28.7	29.0	29.1	30.0	30.3
88°	20.3	21.0	21.2	22.0	21.9
88.5°	14.3	14.3	14.3	15.1	15.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L950-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.7	0.7	0.7	0.7	0.7
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°	0.6	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	0.6
106.5°	0.6	0.5	0.5	0.5	0.5
107°	0.5	0.5	0.6	0.6	0.5
107.5°	0.6	0.5	0.6	0.6	0.6
108°	0.6	0.5	0.5	0.6	0.5
108.5°	0.6	0.6	0.6	0.6	0.5
109°	0.6	0.6	0.6	0.6	0.6
109.5°	0.7	0.6	0.7	0.6	0.6
110°	0.6	0.6	0.6	0.7	0.6
110.5°	0.7	0.6	0.7	0.7	0.7
111°	0.7	0.7	0.7	0.7	0.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L950-CFD2

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	1.0	0.9
116°	1.0	1.0	1.0	1.0	1.0
116.5°	1.1	1.1	1.1	1.1	1.0
117°	1.1	1.1	1.1	1.1	1.0
117.5°	1.2	1.1	1.1	1.1	1.1
118°	1.2	1.1	1.2	1.1	1.1
118.5°	1.3	1.2	1.2	1.2	1.1
119°	1.3	1.3	1.3	1.2	1.2
119.5°	1.3	1.3	1.3	1.3	1.2
120°	1.4	1.4	1.3	1.3	1.3
120.5°	1.4	1.3	1.4	1.4	1.3
121°	1.4	1.4	1.4	1.4	1.3
121.5°	1.6	1.5	1.5	1.4	1.4
122°	1.5	1.6	1.5	1.5	1.5
122.5°	1.6	1.6	1.5	1.5	1.5
123°	1.6	1.6	1.6	1.6	1.5
123.5°	1.6	1.7	1.6	1.5	1.6
124°	1.6	1.7	1.6	1.6	1.6
124.5°	1.7	1.7	1.6	1.6	1.6
125°	1.8	1.7	1.7	1.7	1.7
125.5°	1.8	1.8	1.7	1.7	1.7
126°	1.8	1.7	1.7	1.7	1.7
126.5°	1.7	1.8	1.8	1.7	1.7
127°	1.8	1.8	1.7	1.7	1.7
127.5°	1.9	1.8	1.8	1.7	1.7
128°	1.9	1.8	1.8	1.7	1.7
128.5°	1.8	1.8	1.7	1.7	1.7
129°	1.8	1.8	1.7	1.7	1.7
129.5°	1.7	1.8	1.7	1.7	1.7
130°	1.7	1.8	1.7	1.6	1.7
130.5°	1.8	1.7	1.7	1.6	1.7
131°	1.7	1.7	1.7	1.6	1.6
131.5°	1.7	1.7	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	1.6
133.5°	1.7	1.6	1.5	1.5	1.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L950-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	1.6	1.5	1.5	1.4	1.6
135.5°	1.5	1.6	1.5	1.4	1.5
136°	1.5	1.5	1.4	1.3	1.5
136.5°	1.5	1.5	1.4	1.3	1.5
137°	1.5	1.4	1.4	1.3	1.4
137.5°	1.5	1.4	1.4	1.3	1.4
138°	1.4	1.4	1.3	1.3	1.4
138.5°	1.5	1.4	1.3	1.2	1.3
139°	1.3	1.3	1.3	1.2	1.4
139.5°	1.4	1.3	1.2	1.2	1.3
140°	1.3	1.2	1.3	1.2	1.2
140.5°	1.3	1.2	1.2	1.2	1.2
141°	1.3	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	1.1	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	1.1	1.0	1.1
146.5°	1.2	1.1	1.1	1.0	1.1
147°	1.1	1.1	1.0	1.1	1.1
147.5°	1.1	1.1	1.0	1.1	1.1
148°	1.1	1.1	1.1	1.0	1.1
148.5°	1.2	1.1	1.1	1.0	1.1
149°	1.1	1.1	1.1	1.0	1.1
149.5°	1.2	1.1	1.1	1.0	1.2
150°	1.2	1.1	1.1	1.0	1.1
150.5°	1.1	1.1	1.1	1.1	1.1
151°	1.2	1.1	1.0	1.1	1.2
151.5°	1.2	1.1	1.0	1.1	1.2
152°	1.2	1.1	1.1	1.1	1.1
152.5°	1.2	1.1	1.1	1.1	1.2
153°	1.2	1.1	1.1	1.1	1.2
153.5°	1.3	1.1	1.1	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	1.3
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-50-L950-CFD2

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	1.3
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	1.3
164°	1.1	1.2	1.1	1.2	1.2
164.5°	1.1	1.2	1.2	1.2	1.3
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	1.3	1.1
167°	1.1	1.2	1.1	1.3	1.3
167.5°	1.2	1.2	1.2	1.3	1.3
168°	1.2	1.2	1.1	1.3	1.2
168.5°	1.2	1.3	1.2	1.4	1.3
169°	1.3	1.2	1.1	1.4	1.3
169.5°	1.2	1.2	1.2	1.4	1.3
170°	1.3	1.2	1.2	1.4	1.3
170.5°	1.3	1.3	1.2	1.4	1.3
171°	1.3	1.3	1.3	1.4	1.4
171.5°	1.2	1.3	1.3	1.4	1.3
172°	1.2	1.3	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	1.4
173.5°	1.3	1.3	1.4	1.4	1.4
174°	1.4	1.4	1.5	1.4	1.4
174.5°	1.4	1.4	1.4	1.5	1.4
175°	1.5	1.4	1.5	1.5	1.4
175.5°	1.5	1.4	1.5	1.5	1.5
176°	1.5	1.5	1.5	1.4	1.4
176.5°	1.6	1.5	1.5	1.4	1.4
177°	1.5	1.5	1.4	1.4	1.4
177.5°	1.5	1.5	1.4	1.3	1.5
178°	1.4	1.4	1.3	1.3	1.4
178.5°	1.4	1.4	1.3	1.3	1.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L950-CFD2

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°	1274.6	1273.0	1266.8	1260.9	1258.5
22°	1274.0	1272.4	1265.9	1260.0	1257.5



44°	1140.9	1136.3	1127.0	1121.4	1117.7
44.5°	1133.8	1128.8	1120.2	1114.3	1110.5



66.5°	609.4	606.9	602.3	600.7	599.2
67°	594.2	591.4	587.1	585.5	584.3



89°	9.1	8.9	8.8	9.3	9.4
89.5°	4.0	4.1	4.0	4.2	4.2



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	1.6	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	1.3	1.3
179.5°	1.2	1.2	1.2	1.2	1.3



(END OF REPORT)