

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-L930-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-50-L930-CFR2
Description: 5000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS
AND 3000K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

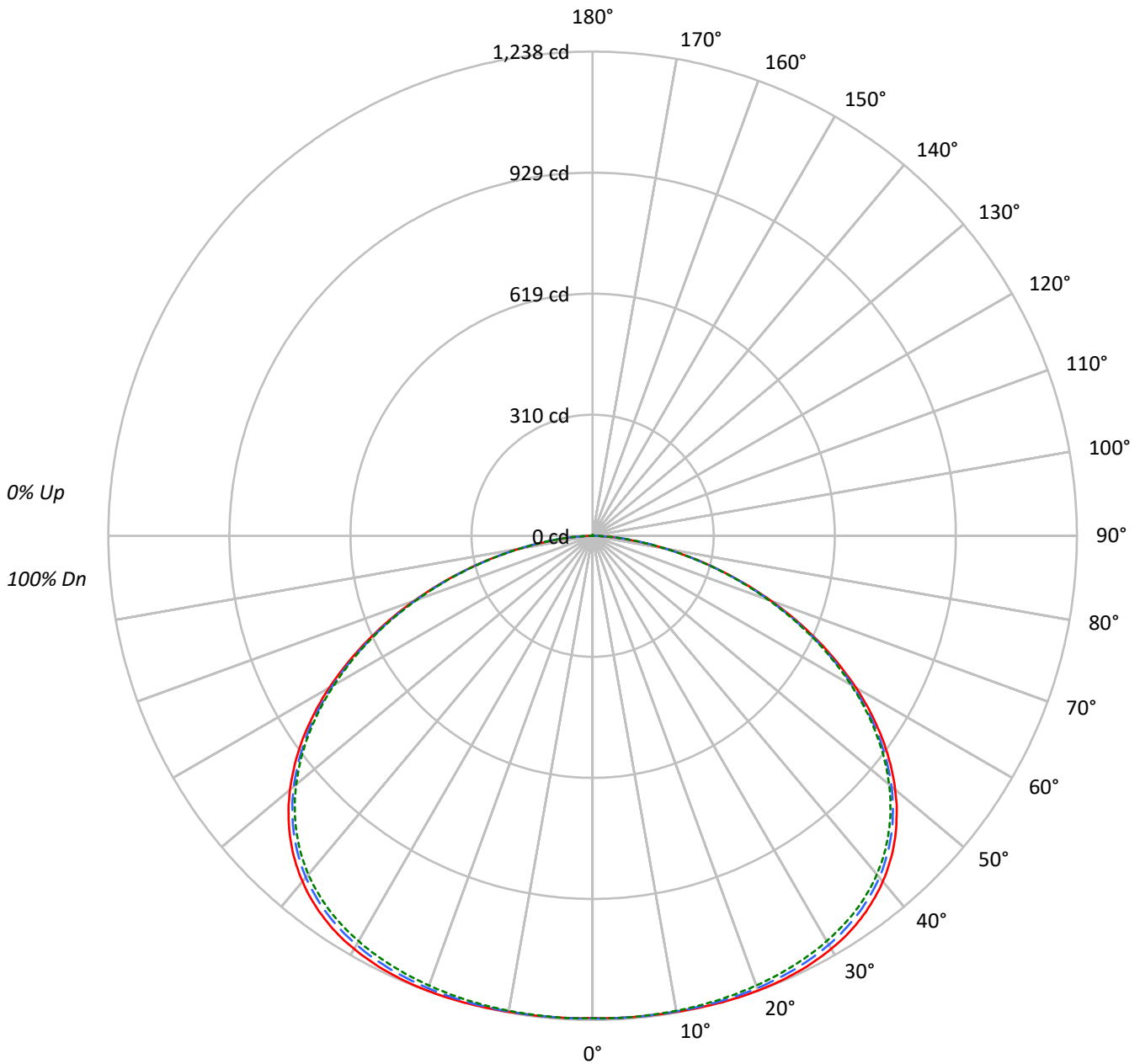
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4467.0 lumens
Efficiency: N/A
Efficacy: 114.5 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): 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

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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°	881	881	881
5°	885	885	885
10°	896	895	894
15°	915	912	909
20°	940	935	930
25°	971	963	956
30°	1006	995	986
35°	1042	1030	1020
40°	1075	1062	1053
45°	1104	1090	1081
50°	1122	1108	1099
55°	1125	1111	1103
60°	1110	1096	1090
65°	1074	1062	1057
70°	1012	1002	997
75°	917	911	907
80°	780	783	775
85°	582	595	595



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	117.9	2.6
10°-20°	349.7	7.8
20°-30°	565.2	12.7
30°-40°	740.3	16.6
40°-50°	832.7	18.6
50°-60°	796.8	17.8
60°-70°	621.5	13.9
70°-80°	350.2	7.8
80°-90°	86.7	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°	1032.8	23.1
0°-40°	1773.1	39.7
0°-60°	3402.7	76.2
0°-90°	4461.1	99.9
90°-120°	1.7	0.0
90°-150°	5.0	0.1
90°-180°	6.0	0.1
0°-180°	4467.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1234	1234	1234	1234	1234	
5°	1235	1235	1235	1235	1235	118
15°	1238	1237	1234	1232	1230	351
25°	1232	1230	1223	1216	1213	570
35°	1195	1191	1181	1174	1171	748
45°	1093	1088	1080	1074	1071	842
55°	904	899	893	889	886	806
65°	636	633	629	627	626	628
75°	332	332	330	330	329	352
85°	71	72	73	73	73	82
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	1	1	0
180°	1	1	1	1	1	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1233.7	1233.7	1233.7	1233.7	1233.7
0.5°	1233.4	1234.3	1234.6	1234.3	1233.7
1°	1233.7	1234.3	1234.6	1234.6	1234.0
1.5°	1234.0	1234.6	1234.6	1234.6	1234.3
2°	1234.0	1234.6	1234.6	1234.9	1234.3
2.5°	1234.3	1234.9	1234.9	1234.9	1234.3
3°	1234.6	1234.9	1234.9	1234.9	1234.6
3.5°	1234.6	1234.9	1234.9	1234.9	1234.6
4°	1234.9	1234.9	1234.9	1234.9	1234.6
4.5°	1234.9	1235.2	1234.9	1234.9	1234.6
5°	1234.9	1235.2	1234.9	1234.9	1234.6
5.5°	1234.9	1235.2	1234.9	1234.9	1234.6
6°	1235.2	1235.2	1234.9	1234.9	1234.3
6.5°	1235.2	1235.5	1235.2	1234.9	1234.3
7°	1235.2	1235.5	1234.9	1234.9	1234.3
7.5°	1235.2	1235.5	1234.9	1234.6	1234.0
8°	1235.5	1235.5	1235.2	1234.6	1234.0
8.5°	1235.5	1235.8	1234.9	1234.6	1233.7
9°	1235.8	1235.8	1235.2	1234.3	1233.7
9.5°	1235.8	1236.1	1234.9	1234.3	1233.4
10°	1236.1	1236.1	1234.9	1234.0	1233.1
10.5°	1236.4	1236.4	1234.9	1234.0	1233.1
11°	1236.4	1236.4	1234.9	1233.7	1232.8
11.5°	1236.7	1236.7	1234.9	1233.4	1232.5
12°	1236.7	1236.7	1234.9	1233.4	1232.2
12.5°	1237.0	1236.7	1234.6	1233.1	1231.9
13°	1237.0	1236.7	1234.6	1232.8	1231.5
13.5°	1237.3	1237.0	1234.6	1232.5	1231.2
14°	1237.3	1237.0	1234.6	1232.2	1230.6
14.5°	1237.6	1237.0	1234.3	1231.9	1230.3
15°	1237.6	1237.3	1234.3	1231.5	1230.0
15.5°	1237.9	1237.3	1234.0	1230.9	1229.4
16°	1237.6	1237.3	1233.7	1230.6	1228.8
16.5°	1237.9	1237.3	1233.7	1230.0	1228.2
17°	1237.9	1237.0	1233.4	1229.4	1227.9
17.5°	1237.9	1237.0	1232.8	1229.1	1227.3
18°	1237.9	1237.0	1232.5	1228.5	1226.4
18.5°	1237.9	1236.7	1232.2	1227.9	1225.8
19°	1237.6	1236.7	1231.9	1227.3	1225.2
19.5°	1237.6	1236.4	1231.2	1226.4	1224.3
20°	1237.3	1236.1	1230.6	1225.8	1223.7
20.5°	1237.0	1235.8	1230.3	1225.2	1222.8
21°	1237.0	1235.5	1229.7	1224.3	1221.9



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	1235.8	1234.0	1227.6	1221.6	1218.9
23°	1235.2	1233.4	1226.7	1220.7	1218.0
23.5°	1234.6	1232.8	1225.8	1219.5	1216.8
24°	1234.0	1232.2	1224.9	1218.3	1215.6
24.5°	1233.4	1231.2	1224.0	1217.1	1214.4
25°	1232.5	1230.3	1222.8	1215.9	1213.2
25.5°	1231.5	1229.4	1221.6	1214.7	1211.7
26°	1230.6	1228.5	1220.4	1213.5	1210.5
26.5°	1229.7	1227.3	1219.2	1212.0	1209.0
27°	1228.5	1226.1	1217.7	1210.5	1207.5
27.5°	1227.3	1224.9	1216.2	1209.0	1206.0
28°	1226.1	1223.4	1214.7	1207.5	1204.5
28.5°	1224.6	1221.9	1213.2	1205.7	1202.7
29°	1223.1	1220.4	1211.4	1203.9	1200.9
29.5°	1221.6	1218.6	1209.6	1202.1	1198.8
30°	1219.8	1216.8	1207.5	1200.0	1196.6
30.5°	1218.0	1215.0	1205.4	1197.8	1194.8
31°	1215.9	1212.9	1203.3	1195.7	1192.4
31.5°	1214.1	1210.8	1200.9	1193.6	1190.3
32°	1211.7	1208.4	1198.8	1191.2	1187.9
32.5°	1209.3	1206.0	1196.0	1188.5	1185.2
33°	1206.9	1203.3	1193.3	1186.1	1182.5
33.5°	1204.2	1200.6	1190.6	1183.4	1179.8
34°	1201.2	1197.5	1187.6	1180.4	1177.1
34.5°	1198.2	1194.5	1184.6	1177.4	1174.1
35°	1195.1	1191.2	1181.3	1174.1	1170.8
35.5°	1191.8	1187.9	1178.0	1170.8	1167.5
36°	1188.5	1184.3	1174.4	1167.5	1163.8
36.5°	1184.6	1180.7	1170.8	1163.8	1160.5
37°	1180.7	1176.8	1166.9	1159.9	1156.6
37.5°	1176.8	1172.6	1162.9	1156.0	1152.4
38°	1172.6	1168.7	1158.7	1152.1	1148.5
38.5°	1168.4	1164.1	1154.2	1147.6	1144.3
39°	1163.8	1159.3	1149.7	1143.4	1139.8
39.5°	1159.0	1154.5	1145.2	1138.6	1135.3
40°	1153.9	1149.7	1140.1	1133.8	1130.4
40.5°	1149.1	1144.6	1135.0	1128.9	1125.3
41°	1143.7	1139.2	1129.8	1123.5	1119.9
41.5°	1138.0	1133.5	1124.1	1118.1	1114.5
42°	1132.3	1127.7	1118.4	1112.7	1108.8
42.5°	1126.2	1121.7	1112.4	1106.7	1103.1
43°	1120.2	1115.4	1106.4	1100.7	1097.1
43.5°	1113.9	1109.1	1100.1	1094.3	1090.7



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	1093.1	1088.3	1079.6	1074.5	1070.6
45.5°	1085.9	1080.8	1072.4	1067.3	1063.7
46°	1078.4	1073.3	1064.9	1059.7	1056.1
46.5°	1070.6	1065.5	1057.3	1052.2	1048.6
47°	1062.4	1057.6	1049.2	1044.7	1040.8
47.5°	1054.3	1049.2	1041.1	1036.6	1032.7
48°	1046.2	1040.8	1033.0	1028.1	1024.2
48.5°	1037.5	1032.4	1024.5	1020.0	1016.4
49°	1028.1	1023.3	1015.5	1010.7	1007.4
49.5°	1019.1	1014.3	1006.5	1002.0	998.4
50°	1009.8	1004.7	997.5	992.9	989.3
50.5°	1000.2	995.0	987.8	983.3	980.0
51°	990.5	985.4	978.2	973.7	970.1
51.5°	980.3	975.2	968.0	963.8	960.4
52°	970.1	965.0	957.7	953.8	950.5
52.5°	959.8	954.7	947.5	943.3	940.3
53°	948.7	943.9	937.3	933.4	930.1
53.5°	937.6	932.8	926.1	922.2	919.2
54°	926.4	921.6	915.0	911.1	908.4
54.5°	915.6	910.5	904.2	900.3	897.6
55°	903.9	899.1	892.7	888.8	886.1
55.5°	892.1	887.3	881.0	877.1	874.7
56°	879.8	875.3	869.0	865.7	863.3
56.5°	867.5	863.3	856.9	853.6	851.2
57°	855.4	850.9	844.9	841.9	839.5
57.5°	843.4	838.6	832.6	829.6	827.2
58°	830.2	825.6	819.9	816.9	814.8
58.5°	817.2	813.0	807.0	804.3	802.2
59°	804.3	800.1	794.4	791.6	789.5
59.5°	790.7	786.8	781.1	778.4	776.3
60°	777.5	773.3	767.9	765.5	763.4
60.5°	764.0	760.4	754.6	752.2	750.1
61°	750.1	746.5	741.1	738.7	736.6
61.5°	736.0	733.0	727.6	725.1	723.3
62°	722.1	719.1	713.7	711.6	709.8
62.5°	708.0	705.0	699.6	697.5	695.7
63°	693.9	690.8	685.7	683.6	681.8
63.5°	679.4	676.4	671.6	669.5	667.7
64°	665.0	662.0	656.8	655.3	653.2
64.5°	650.5	647.5	642.4	640.9	639.1
65°	635.8	633.4	628.6	626.8	625.6
65.5°	621.3	618.3	613.8	612.3	610.5
66°	606.0	603.6	599.1	597.6	596.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	561.5	558.8	554.8	553.3	551.8
68°	546.1	543.7	539.8	538.6	537.1
68.5°	530.8	528.4	524.5	523.6	522.6
69°	515.4	513.0	509.7	508.8	507.6
69.5°	500.4	498.0	495.0	494.1	492.6
70°	485.0	482.9	479.9	479.0	477.5
70.5°	469.7	467.6	464.9	464.0	462.5
71°	454.3	452.5	450.1	448.9	447.4
71.5°	439.3	437.5	434.8	433.9	432.7
72°	424.0	422.5	419.7	419.1	417.6
72.5°	408.6	407.4	404.7	404.1	402.9
73°	393.3	392.1	389.4	388.8	387.8
73.5°	378.2	377.0	374.6	373.7	372.8
74°	363.2	362.3	359.9	359.3	358.1
74.5°	347.8	347.2	345.1	344.2	343.3
75°	332.5	332.5	330.4	329.8	328.9
75.5°	317.7	317.7	315.6	315.0	314.1
76°	303.0	303.0	300.9	300.3	299.1
76.5°	288.1	288.2	286.4	285.8	284.8
77°	273.8	274.0	272.4	271.6	270.6
77.5°	258.6	259.3	258.0	257.3	256.3
78°	244.4	245.3	243.9	243.3	242.5
78.5°	230.9	231.5	230.6	229.9	228.8
79°	216.9	217.3	216.8	216.2	215.0
79.5°	203.0	203.8	203.4	202.9	201.5
80°	189.8	190.3	190.4	189.6	188.4
80.5°	175.8	176.9	177.1	176.3	175.7
81°	162.9	164.0	164.3	163.8	162.9
81.5°	150.2	151.4	151.7	151.4	150.4
82°	137.5	139.0	139.4	139.2	138.0
82.5°	125.3	127.0	127.5	127.3	126.2
83°	113.5	115.4	115.8	116.0	114.9
83.5°	102.1	103.9	104.4	104.6	103.5
84°	91.2	92.7	93.5	93.8	92.8
84.5°	80.8	82.0	82.9	83.3	82.8
85°	71.0	71.9	72.7	73.2	72.6
85.5°	61.4	62.2	62.8	63.6	63.1
86°	52.6	53.3	53.7	54.4	54.4
86.5°	44.2	44.5	44.8	45.6	45.6
87°	36.1	36.1	36.3	37.3	37.3
87.5°	27.9	28.1	28.2	29.1	29.4
88°	19.6	20.3	20.5	21.3	21.3
88.5°	13.9	13.9	13.9	14.7	14.9



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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-50-L930-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	0.8	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	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°	1.1	1.1	1.1	1.1	1.0
118°	1.1	1.1	1.2	1.1	1.1
118.5°	1.2	1.2	1.2	1.1	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	1.4	1.4	1.4	1.4
122°	1.4	1.5	1.4	1.4	1.4
122.5°	1.5	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	1.5	1.5	1.5
124°	1.6	1.6	1.6	1.5	1.5
124.5°	1.7	1.6	1.6	1.6	1.6
125°	1.7	1.7	1.7	1.6	1.6
125.5°	1.7	1.7	1.7	1.6	1.7
126°	1.7	1.7	1.7	1.7	1.6
126.5°	1.7	1.7	1.7	1.7	1.7
127°	1.7	1.7	1.7	1.7	1.6
127.5°	1.8	1.8	1.7	1.7	1.6
128°	1.8	1.7	1.7	1.7	1.7
128.5°	1.7	1.7	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°	1.7	1.7	1.7	1.5	1.6
131°	1.7	1.7	1.7	1.6	1.6
131.5°	1.7	1.6	1.6	1.5	1.6
132°	1.7	1.6	1.6	1.5	1.5
132.5°	1.7	1.6	1.6	1.5	1.6
133°	1.6	1.5	1.5	1.4	1.5
133.5°	1.6	1.5	1.5	1.4	1.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-50-L930-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	1.4
136°	1.4	1.4	1.4	1.3	1.4
136.5°	1.5	1.4	1.4	1.3	1.4
137°	1.4	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	1.1	1.3
139.5°	1.3	1.2	1.2	1.2	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	1.2	1.1	1.1
141.5°	1.1	1.2	1.2	1.1	1.1
142°	1.1	1.1	1.2	1.1	1.1
142.5°	1.1	1.2	1.1	1.1	1.1
143°	1.2	1.1	1.1	1.1	1.1
143.5°	1.2	1.1	1.1	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°	1.1	1.1	1.1	1.0	1.1
145.5°	1.1	1.1	1.1	1.0	1.1
146°	1.1	1.1	1.0	1.0	1.1
146.5°	1.1	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°	1.1	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	1.1
150°	1.1	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°	1.1	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°	1.1	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	1.1	1.2
155°	1.1	1.1	1.1	1.1	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-50-L930-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	1.1	1.1	1.1	1.1	1.2
158°	1.2	1.1	1.1	1.1	1.2
158.5°	1.1	1.1	1.1	1.1	1.2
159°	1.2	1.1	1.1	1.1	1.2
159.5°	1.1	1.1	1.1	1.1	1.3
160°	1.1	1.1	1.1	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°	1.2	1.1	1.1	1.1	1.2
163°	1.2	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	1.2	1.1	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°	1.1	1.1	1.1	1.2	1.2
166.5°	1.1	1.1	1.1	1.2	1.1
167°	1.1	1.2	1.1	1.3	1.2
167.5°	1.1	1.2	1.1	1.3	1.2
168°	1.2	1.2	1.1	1.3	1.2
168.5°	1.1	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	1.1	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	1.4	1.4
175°	1.4	1.4	1.4	1.4	1.4
175.5°	1.4	1.4	1.5	1.4	1.4
176°	1.5	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	1.4	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-50-L930-CFR2

CANDELA DISTRIBUTION (continued):

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



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







21.5°	1236.7	1235.2	1229.1	1223.4	1221.0
22°	1236.1	1234.6	1228.2	1222.5	1220.1



44°	1107.0	1102.5	1093.4	1088.0	1084.4
44.5°	1100.1	1095.2	1086.8	1081.1	1077.5



66.5°	591.3	588.8	584.3	582.8	581.3
67°	576.5	573.8	569.6	568.1	566.9



89°	8.8	8.6	8.5	9.0	9.1
89.5°	3.9	3.9	3.9	4.1	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°	1.5	1.5	1.5	1.4	1.5
134.5°	1.6	1.5	1.5	1.4	1.4



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



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



(END OF REPORT)