

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-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-40-L840-CFD2
Description: 4000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS
AND 4000K CCT, 80CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

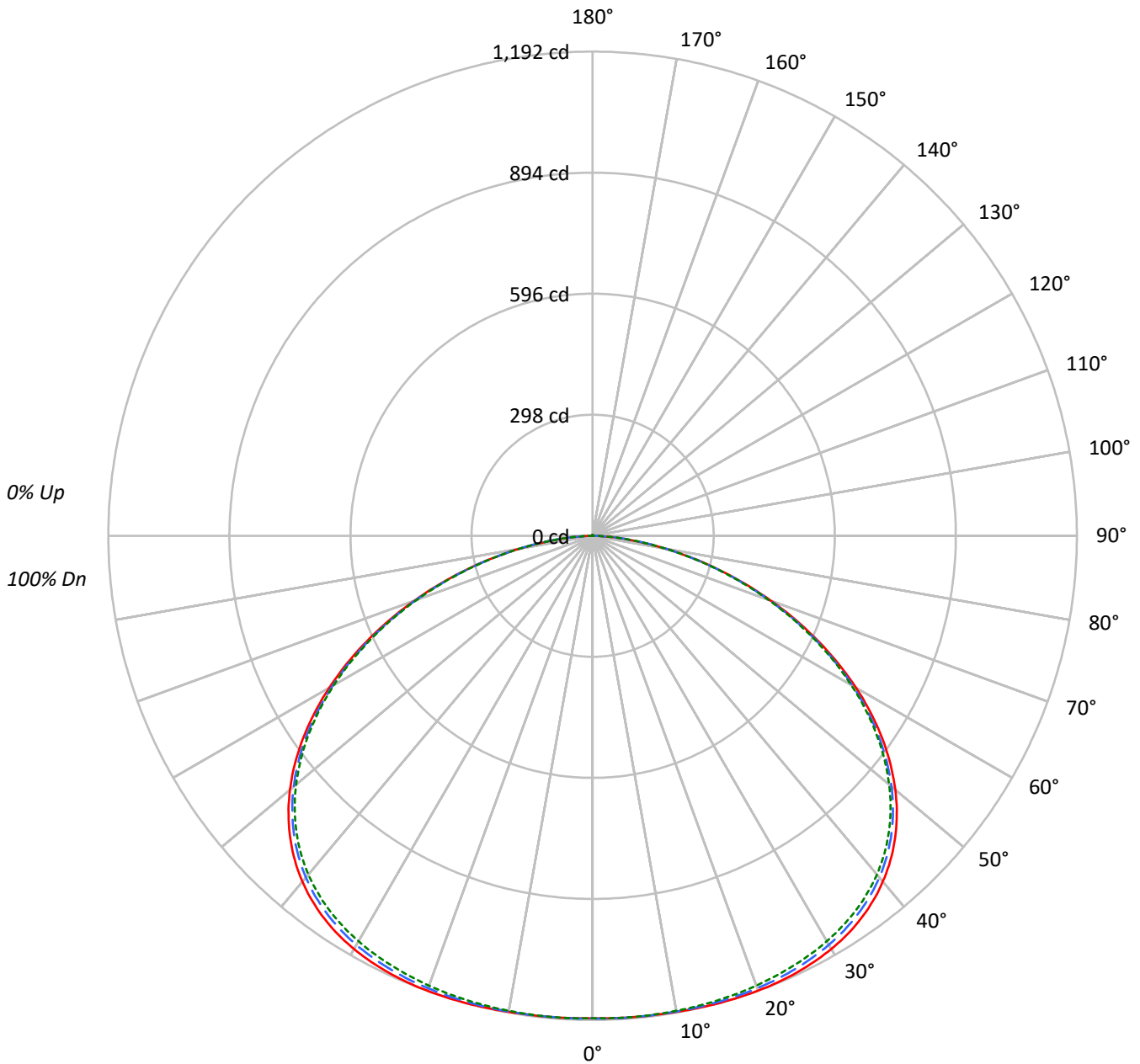
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4302.0 lumens
Efficiency: N/A
Efficacy: 133.6 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): 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					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°	848	848	848
5°	849	848	849
10°	856	853	854
15°	871	864	866
20°	891	881	882
25°	917	902	902
30°	945	926	927
35°	974	951	954
40°	1000	974	979
45°	1019	990	998
50°	1028	995	1007
55°	1021	985	1001
60°	995	955	977
65°	947	905	932
70°	872	827	859
75°	761	716	753
80°	604	561	600
85°	375	339	384



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	113.5	2.6
10°-20°	336.7	7.8
20°-30°	544.4	12.7
30°-40°	713.0	16.6
40°-50°	802.0	18.6
50°-60°	767.4	17.8
60°-70°	598.5	13.9
70°-80°	337.3	7.8
80°-90°	83.5	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°	994.6	23.1
0°-40°	1707.6	39.7
0°-60°	3277.0	76.2
0°-90°	4296.3	99.9
90°-120°	1.7	0.0
90°-150°	4.8	0.1
90°-180°	6.0	0.1
0°-180°	4302.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1188	1188	1188	1188	1188	
5°	1189	1190	1189	1189	1189	114
15°	1192	1192	1189	1186	1185	338
25°	1187	1185	1178	1171	1168	549
35°	1151	1147	1138	1131	1128	721
45°	1053	1048	1040	1035	1031	811
55°	870	866	860	856	853	776
65°	612	610	605	604	602	604
75°	320	320	318	318	317	339
85°	68	69	70	70	70	79
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	1	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°	1188.1	1188.1	1188.1	1188.1	1188.1
0.5°	1187.8	1188.7	1189.0	1188.7	1188.1
1°	1188.1	1188.7	1189.0	1189.0	1188.4
1.5°	1188.4	1189.0	1189.0	1189.0	1188.7
2°	1188.4	1189.0	1189.0	1189.2	1188.7
2.5°	1188.7	1189.2	1189.2	1189.2	1188.7
3°	1189.0	1189.2	1189.2	1189.2	1189.0
3.5°	1189.0	1189.2	1189.2	1189.2	1189.0
4°	1189.2	1189.2	1189.2	1189.2	1189.0
4.5°	1189.2	1189.5	1189.2	1189.2	1189.0
5°	1189.2	1189.5	1189.2	1189.2	1189.0
5.5°	1189.2	1189.5	1189.2	1189.2	1189.0
6°	1189.5	1189.5	1189.2	1189.2	1188.7
6.5°	1189.5	1189.8	1189.5	1189.2	1188.7
7°	1189.5	1189.8	1189.2	1189.2	1188.7
7.5°	1189.5	1189.8	1189.2	1189.0	1188.4
8°	1189.8	1189.8	1189.5	1189.0	1188.4
8.5°	1189.8	1190.1	1189.2	1189.0	1188.1
9°	1190.1	1190.1	1189.5	1188.7	1188.1
9.5°	1190.1	1190.4	1189.2	1188.7	1187.8
10°	1190.4	1190.4	1189.2	1188.4	1187.5
10.5°	1190.7	1190.7	1189.2	1188.4	1187.5
11°	1190.7	1190.7	1189.2	1188.1	1187.2
11.5°	1191.0	1191.0	1189.2	1187.8	1186.9
12°	1191.0	1191.0	1189.2	1187.8	1186.6
12.5°	1191.3	1191.0	1189.0	1187.5	1186.3
13°	1191.3	1191.0	1189.0	1187.2	1186.1
13.5°	1191.6	1191.3	1189.0	1186.9	1185.8
14°	1191.6	1191.3	1189.0	1186.6	1185.2
14.5°	1191.9	1191.3	1188.7	1186.3	1184.9
15°	1191.9	1191.6	1188.7	1186.1	1184.6
15.5°	1192.1	1191.6	1188.4	1185.5	1184.0
16°	1191.9	1191.6	1188.1	1185.2	1183.5
16.5°	1192.1	1191.6	1188.1	1184.6	1182.9
17°	1192.1	1191.3	1187.8	1184.0	1182.6
17.5°	1192.1	1191.3	1187.2	1183.7	1182.0
18°	1192.1	1191.3	1186.9	1183.2	1181.1
18.5°	1192.1	1191.0	1186.6	1182.6	1180.6
19°	1191.9	1191.0	1186.3	1182.0	1180.0
19.5°	1191.9	1190.7	1185.8	1181.1	1179.1
20°	1191.6	1190.4	1185.2	1180.6	1178.5
20.5°	1191.3	1190.1	1184.9	1180.0	1177.7
21°	1191.3	1189.8	1184.3	1179.1	1176.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	1190.1	1188.4	1182.3	1176.5	1173.9
23°	1189.5	1187.8	1181.4	1175.6	1173.0
23.5°	1189.0	1187.2	1180.6	1174.5	1171.9
24°	1188.4	1186.6	1179.7	1173.3	1170.7
24.5°	1187.8	1185.8	1178.8	1172.1	1169.5
25°	1186.9	1184.9	1177.7	1171.0	1168.4
25.5°	1186.1	1184.0	1176.5	1169.8	1166.9
26°	1185.2	1183.2	1175.3	1168.7	1165.8
26.5°	1184.3	1182.0	1174.2	1167.2	1164.3
27°	1183.2	1180.8	1172.7	1165.8	1162.9
27.5°	1182.0	1179.7	1171.3	1164.3	1161.4
28°	1180.8	1178.2	1169.8	1162.9	1160.0
28.5°	1179.4	1176.8	1168.4	1161.1	1158.2
29°	1177.9	1175.3	1166.6	1159.4	1156.5
29.5°	1176.5	1173.6	1164.9	1157.7	1154.5
30°	1174.8	1171.9	1162.9	1155.6	1152.4
30.5°	1173.0	1170.1	1160.8	1153.6	1150.7
31°	1171.0	1168.1	1158.8	1151.6	1148.4
31.5°	1169.3	1166.1	1156.5	1149.5	1146.4
32°	1166.9	1163.7	1154.5	1147.2	1144.0
32.5°	1164.6	1161.4	1151.9	1144.6	1141.4
33°	1162.3	1158.8	1149.3	1142.3	1138.8
33.5°	1159.7	1156.2	1146.6	1139.7	1136.2
34°	1156.8	1153.3	1143.8	1136.8	1133.6
34.5°	1153.9	1150.4	1140.9	1133.9	1130.7
35°	1151.0	1147.2	1137.7	1130.7	1127.5
35.5°	1147.8	1144.0	1134.5	1127.5	1124.3
36°	1144.6	1140.6	1131.0	1124.3	1120.9
36.5°	1140.9	1137.1	1127.5	1120.9	1117.7
37°	1137.1	1133.3	1123.8	1117.1	1113.9
37.5°	1133.3	1129.3	1120.0	1113.3	1109.8
38°	1129.3	1125.5	1115.9	1109.6	1106.1
38.5°	1125.2	1121.1	1111.6	1105.2	1102.0
39°	1120.9	1116.5	1107.2	1101.2	1097.7
39.5°	1116.2	1111.9	1102.9	1096.5	1093.3
40°	1111.3	1107.2	1098.0	1091.9	1088.7
40.5°	1106.7	1102.3	1093.0	1087.2	1083.8
41°	1101.4	1097.1	1088.1	1082.0	1078.6
41.5°	1095.9	1091.6	1082.6	1076.8	1073.3
42°	1090.4	1086.1	1077.1	1071.6	1067.8
42.5°	1084.6	1080.3	1071.3	1065.8	1062.3
43°	1078.8	1074.2	1065.5	1060.0	1056.5
43.5°	1072.8	1068.1	1059.4	1053.9	1050.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	1052.8	1048.1	1039.7	1034.8	1031.0
45.5°	1045.8	1040.9	1032.8	1027.8	1024.4
46°	1038.6	1033.6	1025.5	1020.6	1017.1
46.5°	1031.0	1026.1	1018.3	1013.4	1009.9
47°	1023.2	1018.6	1010.5	1006.1	1002.3
47.5°	1015.4	1010.5	1002.6	998.3	994.5
48°	1007.6	1002.3	994.8	990.2	986.4
48.5°	999.2	994.2	986.7	982.3	978.9
49°	990.2	985.5	978.0	973.4	970.2
49.5°	981.5	976.8	969.3	965.0	961.5
50°	972.5	967.6	960.6	956.3	952.8
50.5°	963.2	958.3	951.3	947.0	943.8
51°	953.9	949.0	942.1	937.7	934.2
51.5°	944.1	939.2	932.2	928.2	925.0
52°	934.2	929.3	922.4	918.6	915.4
52.5°	924.4	919.5	912.5	908.5	905.6
53°	913.7	909.0	902.7	898.9	895.7
53.5°	902.9	898.3	891.9	888.2	885.3
54°	892.2	887.6	881.2	877.4	874.8
54.5°	881.8	876.9	870.8	867.0	864.4
55°	870.5	865.9	859.8	856.0	853.4
55.5°	859.2	854.6	848.5	844.7	842.4
56°	847.3	843.0	836.9	833.7	831.4
56.5°	835.4	831.4	825.3	822.1	819.8
57°	823.8	819.5	813.7	810.8	808.5
57.5°	812.2	807.6	801.8	798.9	796.6
58°	799.5	795.1	789.6	786.7	784.7
58.5°	787.0	783.0	777.2	774.6	772.5
59°	774.6	770.5	765.0	762.4	760.4
59.5°	761.5	757.8	752.3	749.7	747.6
60°	748.8	744.7	739.5	737.2	735.2
60.5°	735.7	732.3	726.8	724.4	722.4
61°	722.4	718.9	713.7	711.4	709.4
61.5°	708.8	705.9	700.7	698.4	696.6
62°	695.5	692.6	687.4	685.3	683.6
62.5°	681.8	678.9	673.7	671.7	670.0
63°	668.2	665.3	660.4	658.4	656.6
63.5°	654.3	651.4	646.8	644.8	643.0
64°	640.4	637.5	632.6	631.1	629.1
64.5°	626.5	623.6	618.7	617.2	615.5
65°	612.3	610.0	605.3	603.6	602.4
65.5°	598.4	595.5	591.1	589.7	588.0
66°	583.6	581.3	576.9	575.5	574.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	540.7	538.1	534.3	532.9	531.5
68°	525.9	523.6	519.9	518.7	517.3
68.5°	511.2	508.8	505.1	504.2	503.3
69°	496.4	494.1	490.9	490.0	488.9
69.5°	481.9	479.6	476.7	475.8	474.4
70°	467.1	465.1	462.2	461.3	459.9
70.5°	452.3	450.3	447.7	446.8	445.4
71°	437.6	435.8	433.5	432.3	430.9
71.5°	423.1	421.3	418.7	417.9	416.7
72°	408.3	406.8	404.2	403.7	402.2
72.5°	393.5	392.4	389.8	389.2	388.0
73°	378.7	377.6	375.0	374.4	373.5
73.5°	364.3	363.1	360.8	359.9	359.0
74°	349.8	348.9	346.6	346.0	344.8
74.5°	335.0	334.4	332.4	331.5	330.6
75°	320.2	320.2	318.2	317.6	316.7
75.5°	306.0	306.0	304.0	303.4	302.5
76°	291.8	291.8	289.8	289.2	288.1
76.5°	277.5	277.6	275.9	275.3	274.3
77°	263.7	263.8	262.3	261.5	260.6
77.5°	249.0	249.7	248.5	247.8	246.8
78°	235.3	236.2	234.9	234.3	233.5
78.5°	222.4	223.0	222.1	221.4	220.3
79°	208.9	209.3	208.8	208.2	207.1
79.5°	195.5	196.3	195.9	195.4	194.1
80°	182.8	183.3	183.4	182.6	181.4
80.5°	169.3	170.4	170.6	169.8	169.2
81°	156.9	157.9	158.2	157.7	156.9
81.5°	144.7	145.8	146.1	145.8	144.8
82°	132.4	133.8	134.3	134.1	132.9
82.5°	120.7	122.3	122.8	122.6	121.5
83°	109.3	111.1	111.5	111.7	110.7
83.5°	98.4	100.0	100.6	100.8	99.7
84°	87.8	89.3	90.0	90.3	89.4
84.5°	77.8	79.0	79.8	80.2	79.8
85°	68.3	69.2	70.0	70.5	69.9
85.5°	59.2	59.9	60.4	61.3	60.8
86°	50.7	51.3	51.8	52.4	52.4
86.5°	42.5	42.9	43.2	43.9	43.9
87°	34.8	34.8	34.9	35.9	35.9
87.5°	26.8	27.1	27.2	28.0	28.3
88°	18.9	19.6	19.8	20.5	20.5
88.5°	13.4	13.4	13.4	14.1	14.3



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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	0.3
97.5°	0.3	0.3	0.3	0.3	0.3
98°	0.4	0.3	0.3	0.3	0.4
98.5°	0.4	0.3	0.3	0.3	0.3
99°	0.3	0.3	0.3	0.3	0.3
99.5°	0.4	0.3	0.3	0.3	0.3
100°	0.4	0.3	0.3	0.3	0.4
100.5°	0.4	0.4	0.3	0.4	0.4
101°	0.4	0.3	0.3	0.3	0.3
101.5°	0.4	0.3	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	0.3	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-40-L840-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	0.8	0.8	0.8
114.5°	0.9	0.9	0.8	0.8	0.8
115°	0.9	0.9	0.8	0.9	0.8
115.5°	1.0	0.9	0.9	0.9	0.8
116°	0.9	1.0	1.0	0.9	0.9
116.5°	1.0	1.0	1.0	1.0	1.0
117°	1.0	1.0	1.0	1.0	0.9
117.5°	1.1	1.0	1.1	1.0	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	1.2	1.2	1.2
120.5°	1.3	1.2	1.3	1.3	1.2
121°	1.3	1.3	1.3	1.3	1.2
121.5°	1.4	1.4	1.4	1.3	1.3
122°	1.4	1.4	1.4	1.4	1.4
122.5°	1.5	1.4	1.4	1.4	1.4
123°	1.5	1.5	1.4	1.4	1.4
123.5°	1.5	1.6	1.5	1.4	1.5
124°	1.5	1.6	1.5	1.5	1.5
124.5°	1.6	1.6	1.5	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°	1.7	1.7	1.7	1.6	1.6
128°	1.7	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	1.5	1.6
130.5°	1.7	1.6	1.6	1.5	1.6
131°	1.6	1.6	1.6	1.5	1.5
131.5°	1.6	1.6	1.5	1.5	1.5
132°	1.6	1.5	1.5	1.5	1.5
132.5°	1.6	1.5	1.5	1.5	1.5
133°	1.5	1.5	1.5	1.4	1.4
133.5°	1.6	1.5	1.4	1.4	1.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-40-L840-CFD2

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-40-L840-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	1.1	1.0	1.0	1.1	1.1
158°	1.2	1.1	1.0	1.1	1.2
158.5°	1.1	1.1	1.0	1.1	1.1
159°	1.1	1.1	1.0	1.1	1.2
159.5°	1.1	1.0	1.0	1.1	1.2
160°	1.1	1.1	1.0	1.1	1.2
160.5°	1.1	1.0	1.0	1.1	1.2
161°	1.1	1.0	1.0	1.1	1.2
161.5°	1.1	1.1	1.0	1.0	1.1
162°	1.1	1.0	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°	1.0	1.1	1.1	1.2	1.2
165°	1.1	1.1	1.0	1.1	1.2
165.5°	1.0	1.1	1.0	1.2	1.2
166°	1.1	1.1	1.1	1.2	1.1
166.5°	1.1	1.1	1.0	1.2	1.1
167°	1.1	1.2	1.1	1.2	1.2
167.5°	1.1	1.2	1.1	1.2	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	1.2
171°	1.2	1.2	1.2	1.3	1.3
171.5°	1.2	1.2	1.2	1.3	1.2
172°	1.2	1.2	1.2	1.3	1.2
172.5°	1.2	1.2	1.2	1.3	1.2
173°	1.2	1.2	1.2	1.3	1.3
173.5°	1.2	1.2	1.3	1.3	1.3
174°	1.3	1.3	1.4	1.3	1.3
174.5°	1.3	1.3	1.3	1.4	1.3
175°	1.4	1.3	1.4	1.4	1.3
175.5°	1.4	1.3	1.4	1.4	1.4
176°	1.4	1.4	1.4	1.3	1.3
176.5°	1.4	1.4	1.4	1.3	1.3
177°	1.4	1.4	1.3	1.3	1.3
177.5°	1.4	1.4	1.3	1.2	1.4
178°	1.3	1.3	1.2	1.2	1.3
178.5°	1.3	1.3	1.2	1.2	1.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-40-L840-CFD2

CANDELA DISTRIBUTION (continued):

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



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







21.5°	1191.0	1189.5	1183.7	1178.2	1175.9
22°	1190.4	1189.0	1182.9	1177.4	1175.0



44°	1066.1	1061.7	1053.1	1047.8	1044.4
44.5°	1059.4	1054.8	1046.7	1041.2	1037.7



66.5°	569.4	567.1	562.7	561.3	559.8
67°	555.2	552.6	548.5	547.1	545.9



89°	8.5	8.3	8.2	8.7	8.8
89.5°	3.7	3.8	3.7	4.0	3.9



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	1.4	1.4	1.4	1.5
134.5°	1.5	1.4	1.4	1.3	1.4



156.5°	1.1	1.0	1.1	1.1	1.1
157°	1.1	1.0	1.1	1.1	1.1



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



(END OF REPORT)