

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-L850-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-L850-CFD2
Description: 4000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS
AND 5000K CCT, 80CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

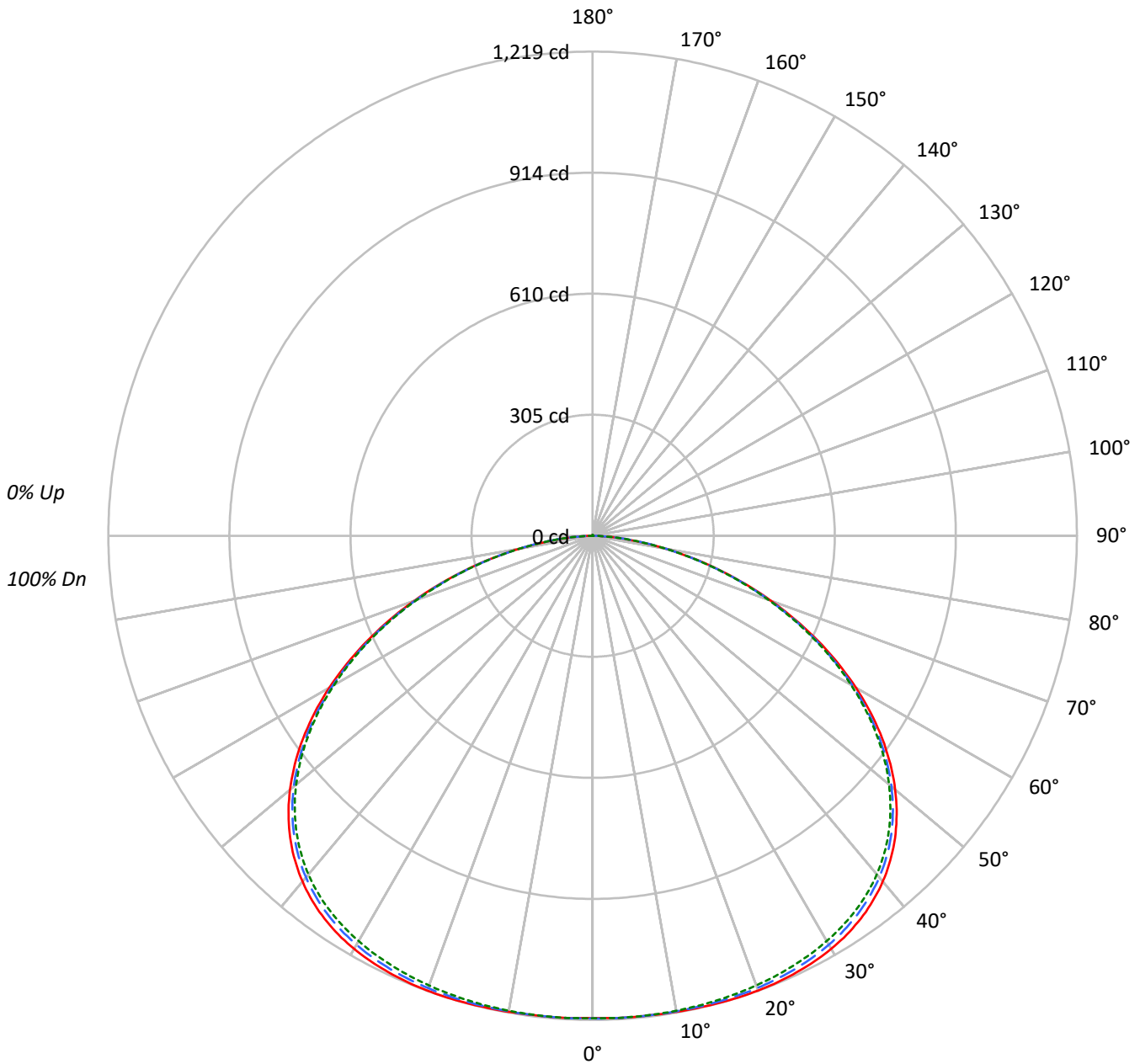
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4398.0 lumens
Efficiency: N/A
Efficacy: 136.6 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 (A_{in}): 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°	867	867	867
5°	868	867	868
10°	876	872	873
15°	890	884	885
20°	911	901	901
25°	937	922	922
30°	966	947	948
35°	996	972	975
40°	1022	995	1001
45°	1042	1012	1020
50°	1050	1017	1029
55°	1044	1007	1023
60°	1017	977	999
65°	968	925	953
70°	892	845	878
75°	778	732	770
80°	618	573	613
85°	384	346	393



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	116.1	2.6
10°-20°	344.3	7.8
20°-30°	556.5	12.7
30°-40°	728.9	16.6
40°-50°	819.9	18.6
50°-60°	784.5	17.8
60°-70°	611.9	13.9
70°-80°	344.8	7.8
80°-90°	85.3	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°	1016.8	23.1
0°-40°	1745.7	39.7
0°-60°	3350.2	76.2
0°-90°	4392.2	99.9
90°-120°	1.7	0.0
90°-150°	4.9	0.1
90°-180°	6.0	0.1
0°-180°	4398.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1215	1215	1215	1215	1215	
5°	1216	1216	1216	1216	1216	116
15°	1218	1218	1215	1212	1211	345
25°	1213	1211	1204	1197	1194	561
35°	1177	1173	1163	1156	1153	737
45°	1076	1072	1063	1058	1054	829
55°	890	885	879	875	872	793
65°	626	624	619	617	616	618
75°	327	327	325	325	324	347
85°	70	71	72	72	72	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	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°	1214.6	1214.6	1214.6	1214.6	1214.6
0.5°	1214.3	1215.2	1215.5	1215.2	1214.6
1°	1214.6	1215.2	1215.5	1215.5	1214.9
1.5°	1214.9	1215.5	1215.5	1215.5	1215.2
2°	1214.9	1215.5	1215.5	1215.8	1215.2
2.5°	1215.2	1215.8	1215.8	1215.8	1215.2
3°	1215.5	1215.8	1215.8	1215.8	1215.5
3.5°	1215.5	1215.8	1215.8	1215.8	1215.5
4°	1215.8	1215.8	1215.8	1215.8	1215.5
4.5°	1215.8	1216.1	1215.8	1215.8	1215.5
5°	1215.8	1216.1	1215.8	1215.8	1215.5
5.5°	1215.8	1216.1	1215.8	1215.8	1215.5
6°	1216.1	1216.1	1215.8	1215.8	1215.2
6.5°	1216.1	1216.4	1216.1	1215.8	1215.2
7°	1216.1	1216.4	1215.8	1215.8	1215.2
7.5°	1216.1	1216.4	1215.8	1215.5	1214.9
8°	1216.4	1216.4	1216.1	1215.5	1214.9
8.5°	1216.4	1216.7	1215.8	1215.5	1214.6
9°	1216.7	1216.7	1216.1	1215.2	1214.6
9.5°	1216.7	1217.0	1215.8	1215.2	1214.3
10°	1217.0	1217.0	1215.8	1214.9	1214.0
10.5°	1217.3	1217.3	1215.8	1214.9	1214.0
11°	1217.3	1217.3	1215.8	1214.6	1213.7
11.5°	1217.6	1217.6	1215.8	1214.3	1213.4
12°	1217.6	1217.6	1215.8	1214.3	1213.1
12.5°	1217.9	1217.6	1215.5	1214.0	1212.8
13°	1217.9	1217.6	1215.5	1213.7	1212.5
13.5°	1218.2	1217.9	1215.5	1213.4	1212.2
14°	1218.2	1217.9	1215.5	1213.1	1211.6
14.5°	1218.5	1217.9	1215.2	1212.8	1211.3
15°	1218.5	1218.2	1215.2	1212.5	1211.0
15.5°	1218.7	1218.2	1214.9	1211.9	1210.5
16°	1218.5	1218.2	1214.6	1211.6	1209.9
16.5°	1218.7	1218.2	1214.6	1211.0	1209.3
17°	1218.7	1217.9	1214.3	1210.5	1209.0
17.5°	1218.7	1217.9	1213.7	1210.2	1208.4
18°	1218.7	1217.9	1213.4	1209.6	1207.5
18.5°	1218.7	1217.6	1213.1	1209.0	1206.9
19°	1218.5	1217.6	1212.8	1208.4	1206.3
19.5°	1218.5	1217.3	1212.2	1207.5	1205.4
20°	1218.2	1217.0	1211.6	1206.9	1204.8
20.5°	1217.9	1216.7	1211.3	1206.3	1203.9
21°	1217.9	1216.4	1210.7	1205.4	1203.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	1216.7	1214.9	1208.7	1202.8	1200.1
23°	1216.1	1214.3	1207.8	1201.9	1199.2
23.5°	1215.5	1213.7	1206.9	1200.7	1198.0
24°	1214.9	1213.1	1206.0	1199.5	1196.8
24.5°	1214.3	1212.2	1205.1	1198.3	1195.6
25°	1213.4	1211.3	1203.9	1197.1	1194.5
25.5°	1212.5	1210.5	1202.8	1195.9	1193.0
26°	1211.6	1209.6	1201.6	1194.8	1191.8
26.5°	1210.7	1208.4	1200.4	1193.3	1190.3
27°	1209.6	1207.2	1198.9	1191.8	1188.8
27.5°	1208.4	1206.0	1197.4	1190.3	1187.3
28°	1207.2	1204.5	1195.9	1188.8	1185.9
28.5°	1205.7	1203.0	1194.5	1187.0	1184.1
29°	1204.2	1201.6	1192.7	1185.3	1182.3
29.5°	1202.8	1199.8	1190.9	1183.5	1180.2
30°	1201.0	1198.0	1188.8	1181.4	1178.2
30.5°	1199.2	1196.2	1186.8	1179.3	1176.4
31°	1197.1	1194.2	1184.7	1177.3	1174.0
31.5°	1195.3	1192.1	1182.3	1175.2	1171.9
32°	1193.0	1189.7	1180.2	1172.8	1169.6
32.5°	1190.6	1187.3	1177.6	1170.2	1166.9
33°	1188.2	1184.7	1174.9	1167.8	1164.2
33.5°	1185.6	1182.0	1172.2	1165.1	1161.6
34°	1182.6	1179.1	1169.3	1162.2	1158.9
34.5°	1179.6	1176.1	1166.3	1159.2	1155.9
35°	1176.7	1172.8	1163.1	1155.9	1152.7
35.5°	1173.4	1169.6	1159.8	1152.7	1149.4
36°	1170.2	1166.0	1156.2	1149.4	1145.9
36.5°	1166.3	1162.5	1152.7	1145.9	1142.6
37°	1162.5	1158.6	1148.8	1142.0	1138.8
37.5°	1158.6	1154.5	1145.0	1138.2	1134.6
38°	1154.5	1150.6	1140.8	1134.3	1130.8
38.5°	1150.3	1146.2	1136.4	1129.9	1126.6
39°	1145.9	1141.4	1131.9	1125.7	1122.2
39.5°	1141.1	1136.7	1127.5	1121.0	1117.7
40°	1136.1	1131.9	1122.5	1116.2	1113.0
40.5°	1131.4	1126.9	1117.4	1111.5	1108.0
41°	1126.0	1121.6	1112.4	1106.2	1102.6
41.5°	1120.4	1116.0	1106.8	1100.8	1097.3
42°	1114.8	1110.3	1101.1	1095.5	1091.7
42.5°	1108.8	1104.4	1095.2	1089.6	1086.0
43°	1102.9	1098.2	1089.3	1083.7	1080.1
43.5°	1096.7	1092.0	1083.1	1077.4	1073.9



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	1076.3	1071.5	1062.9	1057.9	1054.0
45.5°	1069.1	1064.1	1055.8	1050.8	1047.2
46°	1061.7	1056.7	1048.4	1043.4	1039.8
46.5°	1054.0	1049.0	1041.0	1036.0	1032.4
47°	1046.0	1041.3	1033.0	1028.6	1024.7
47.5°	1038.0	1033.0	1025.0	1020.6	1016.7
48°	1030.0	1024.7	1017.0	1012.3	1008.4
48.5°	1021.4	1016.4	1008.7	1004.3	1000.7
49°	1012.3	1007.5	999.8	995.1	991.8
49.5°	1003.4	998.6	990.9	986.5	982.9
50°	994.2	989.2	982.0	977.6	974.0
50.5°	984.7	979.7	972.6	968.1	964.9
51°	975.2	970.2	963.1	958.6	955.1
51.5°	965.2	960.1	953.0	948.9	945.6
52°	955.1	950.1	942.9	939.1	935.8
52.5°	945.0	940.0	932.9	928.7	925.8
53°	934.1	929.3	922.8	918.9	915.7
53.5°	923.1	918.4	911.8	908.0	905.0
54°	912.1	907.4	900.9	897.0	894.4
54.5°	901.5	896.4	890.2	886.4	883.7
55°	889.9	885.2	879.0	875.1	872.4
55.5°	878.4	873.6	867.4	863.6	861.2
56°	866.2	861.8	855.6	852.3	849.9
56.5°	854.1	849.9	843.7	840.4	838.1
57°	842.2	837.8	831.9	828.9	826.5
57.5°	830.4	825.6	819.7	816.7	814.4
58°	817.3	812.9	807.3	804.3	802.2
58.5°	804.6	800.5	794.5	791.9	789.8
59°	791.9	787.7	782.1	779.4	777.3
59.5°	778.5	774.7	769.0	766.4	764.3
60°	765.5	761.3	756.0	753.6	751.6
60.5°	752.2	748.6	743.0	740.6	738.5
61°	738.5	735.0	729.6	727.3	725.2
61.5°	724.6	721.7	716.3	713.9	712.2
62°	711.0	708.0	702.7	700.6	698.8
62.5°	697.1	694.1	688.8	686.7	684.9
63°	683.1	680.2	675.1	673.1	671.3
63.5°	668.9	666.0	661.2	659.1	657.4
64°	654.7	651.7	646.7	645.2	643.1
64.5°	640.5	637.5	632.5	631.0	629.2
65°	626.0	623.6	618.9	617.1	615.9
65.5°	611.7	608.8	604.3	602.9	601.1
66°	596.6	594.3	589.8	588.3	587.2



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	552.8	550.1	546.3	544.8	543.3
68°	537.7	535.3	531.5	530.3	528.8
68.5°	522.6	520.2	516.4	515.5	514.6
69°	507.5	505.1	501.8	500.9	499.8
69.5°	492.7	490.3	487.3	486.4	485.0
70°	477.5	475.5	472.5	471.6	470.1
70.5°	462.4	460.4	457.7	456.8	455.3
71°	447.3	445.6	443.2	442.0	440.5
71.5°	432.5	430.7	428.1	427.2	426.0
72°	417.4	415.9	413.3	412.7	411.2
72.5°	402.3	401.1	398.4	397.9	396.7
73°	387.2	386.0	383.3	382.7	381.9
73.5°	372.4	371.2	368.8	367.9	367.0
74°	357.6	356.7	354.3	353.7	352.5
74.5°	342.5	341.9	339.8	338.9	338.0
75°	327.3	327.3	325.3	324.7	323.8
75.5°	312.8	312.8	310.8	310.2	309.3
76°	298.3	298.3	296.2	295.7	294.5
76.5°	283.7	283.8	282.0	281.4	280.4
77°	269.6	269.7	268.2	267.4	266.4
77.5°	254.6	255.3	254.0	253.3	252.3
78°	240.6	241.5	240.1	239.6	238.7
78.5°	227.4	227.9	227.1	226.4	225.2
79°	213.5	214.0	213.4	212.8	211.7
79.5°	199.9	200.6	200.3	199.7	198.4
80°	186.8	187.4	187.5	186.7	185.4
80.5°	173.1	174.2	174.4	173.6	172.9
81°	160.4	161.4	161.7	161.2	160.4
81.5°	147.9	149.1	149.4	149.1	148.0
82°	135.4	136.8	137.3	137.1	135.9
82.5°	123.4	125.0	125.5	125.3	124.2
83°	111.8	113.6	114.0	114.2	113.2
83.5°	100.5	102.3	102.8	103.0	101.9
84°	89.8	91.3	92.0	92.3	91.4
84.5°	79.5	80.8	81.6	82.0	81.6
85°	69.9	70.7	71.5	72.1	71.5
85.5°	60.5	61.2	61.8	62.6	62.1
86°	51.8	52.5	52.9	53.6	53.6
86.5°	43.5	43.8	44.1	44.9	44.9
87°	35.5	35.6	35.7	36.7	36.7
87.5°	27.4	27.7	27.8	28.6	28.9
88°	19.3	20.0	20.2	21.0	20.9
88.5°	13.7	13.7	13.7	14.5	14.6



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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	0.1
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	0.7
111°	0.6	0.7	0.7	0.7	0.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-40-L850-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	1.2	1.1	1.0
118.5°	1.2	1.2	1.2	1.1	1.1
119°	1.2	1.2	1.2	1.2	1.2
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	1.5	1.5	1.4
123°	1.5	1.5	1.5	1.5	1.5
123.5°	1.5	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	1.5	1.5
125°	1.7	1.7	1.6	1.6	1.6
125.5°	1.7	1.7	1.6	1.6	1.6
126°	1.7	1.7	1.6	1.6	1.6
126.5°	1.7	1.7	1.7	1.6	1.7
127°	1.7	1.7	1.7	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	1.7
128.5°	1.7	1.7	1.7	1.6	1.7
129°	1.7	1.7	1.7	1.6	1.6
129.5°	1.7	1.7	1.7	1.6	1.6
130°	1.7	1.7	1.6	1.6	1.6
130.5°	1.7	1.7	1.7	1.5	1.6
131°	1.6	1.6	1.6	1.5	1.6
131.5°	1.7	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	1.5	1.4	1.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-40-L850-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	1.5	1.5	1.4	1.4	1.5
135.5°	1.5	1.5	1.4	1.3	1.4
136°	1.4	1.4	1.3	1.3	1.4
136.5°	1.5	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	1.2	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	1.0
142.5°	1.1	1.2	1.1	1.1	1.0
143°	1.2	1.1	1.1	1.1	1.0
143.5°	1.2	1.1	1.1	1.0	1.0
144°	1.2	1.1	1.2	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°	1.2	1.0	1.0	1.0	1.1
150°	1.1	1.1	1.0	1.0	1.1
150.5°	1.1	1.0	1.0	1.0	1.1
151°	1.2	1.0	1.0	1.0	1.2
151.5°	1.1	1.1	1.0	1.0	1.2
152°	1.2	1.1	1.0	1.1	1.1
152.5°	1.2	1.1	1.0	1.0	1.2
153°	1.1	1.1	1.0	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-40-L850-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	1.1	1.0	1.1	1.1	1.2
158°	1.2	1.1	1.1	1.1	1.2
158.5°	1.1	1.1	1.0	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	1.2
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°	1.2	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°	1.0	1.1	1.1	1.2	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	1.2	1.2
167.5°	1.1	1.2	1.1	1.3	1.2
168°	1.2	1.2	1.1	1.2	1.2
168.5°	1.1	1.2	1.2	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	1.2	1.3	1.2
170.5°	1.2	1.2	1.2	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	1.5	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	1.3	1.3	1.4
177.5°	1.5	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-40-L850-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°	1217.6	1216.1	1210.2	1204.5	1202.2
22°	1217.0	1215.5	1209.3	1203.6	1201.3



44°	1089.9	1085.4	1076.6	1071.2	1067.7
44.5°	1083.1	1078.3	1070.0	1064.4	1060.8



66.5°	582.1	579.7	575.3	573.8	572.3
67°	567.6	564.9	560.8	559.3	558.1



89°	8.7	8.5	8.4	8.9	9.0
89.5°	3.8	3.9	3.8	4.1	4.0



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



134°	1.5	1.5	1.5	1.4	1.5
134.5°	1.5	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	1.2	1.2	1.2	1.3
179.5°	1.1	1.2	1.2	1.1	1.2



(END OF REPORT)