

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-140-L930-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-140-L930-CFD2  
Description: 14000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS  
AND 3000K CCT, 90CRI LEDS  
Light Source: -  
Ballast/Driver:

Luminaire Equipment: Sample No.   Condition   Description

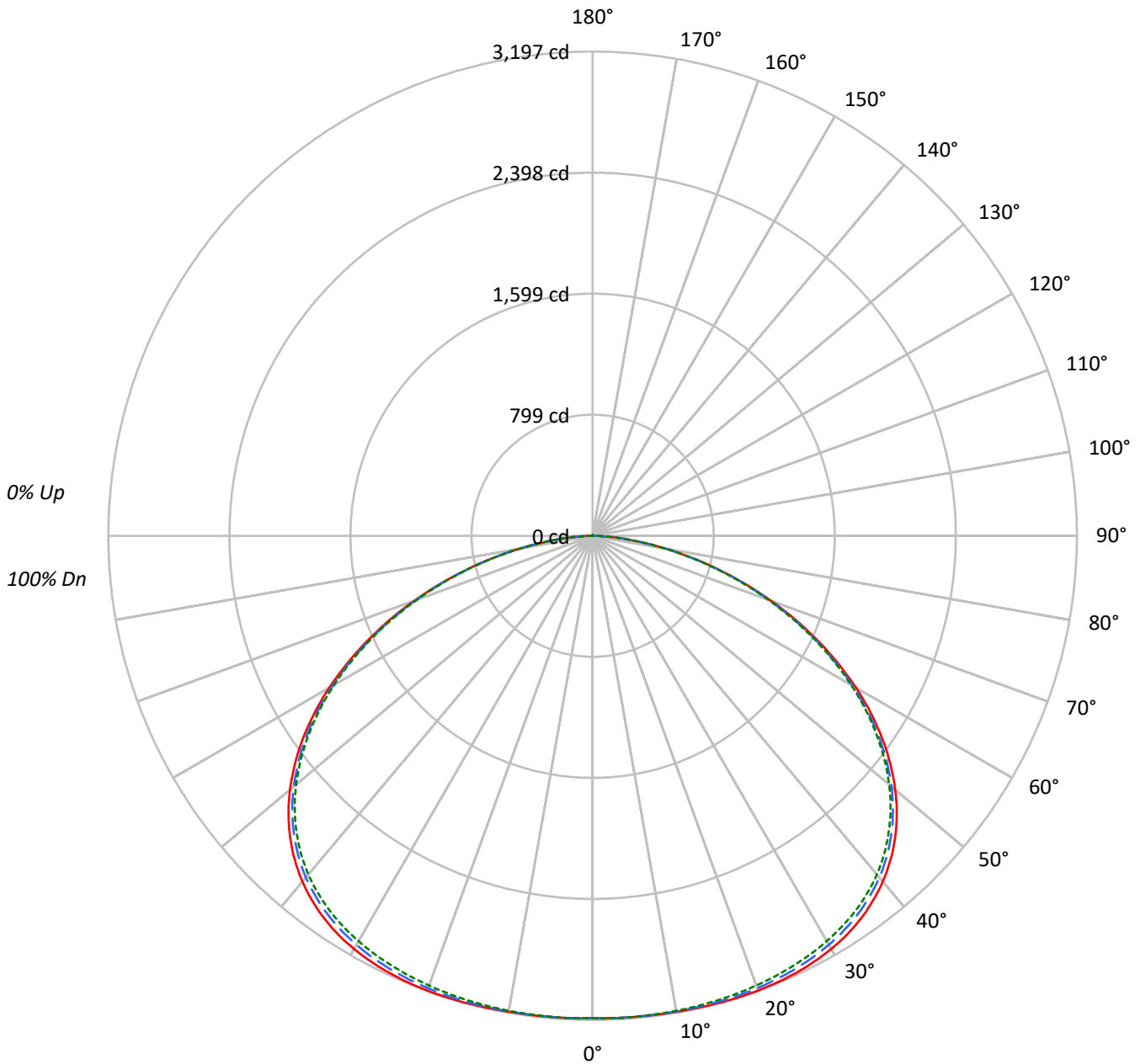
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11536.0 lumens  
Efficiency: N/A  
Efficacy: 96.1 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): 120  
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





TEST NUMBER: P#

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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°	2274	2274	2274
5°	2277	2273	2276
10°	2297	2287	2291
15°	2335	2318	2321
20°	2390	2362	2364
25°	2458	2419	2420
30°	2534	2483	2486
35°	2611	2550	2558
40°	2681	2611	2626
45°	2733	2654	2676
50°	2755	2668	2699
55°	2738	2641	2684
60°	2668	2562	2620
65°	2540	2426	2499
70°	2339	2217	2303
75°	2041	1919	2019
80°	1620	1504	1608
85°	1007	908	1030



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	304.4	2.6
10°-20°	903.0	7.8
20°-30°	1459.7	12.7
30°-40°	1911.9	16.6
40°-50°	2150.6	18.6
50°-60°	2057.9	17.8
60°-70°	1605.0	13.9
70°-80°	904.5	7.8
80°-90°	223.8	1.9
90°-100°	0.8	0.0
100°-110°	1.3	0.0
110°-120°	2.4	0.0
120°-130°	3.7	0.0
130°-140°	2.9	0.0
140°-150°	1.8	0.0
150°-160°	1.3	0.0
160°-170°	0.8	0.0
170°-180°	0.3	0.0
0°-30°	2667.1	23.1
0°-40°	4579.0	39.7
0°-60°	8787.5	76.2
0°-90°	11520.7	99.9
90°-120°	4.4	0.0
90°-150°	12.8	0.1
90°-180°	15.0	0.1
0°-180°	11536.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3186	3186	3186	3186	3186	
5°	3189	3190	3189	3189	3188	304
15°	3196	3195	3188	3180	3177	906
25°	3183	3177	3158	3140	3133	1471
35°	3086	3076	3051	3032	3024	1932
45°	2823	2811	2788	2775	2765	2175
55°	2334	2322	2306	2295	2288	2081
65°	1642	1636	1623	1619	1616	1621
75°	859	859	853	852	849	910
85°	183	186	188	189	187	212
90°	2	2	2	2	2	9
95°	1	0	1	1	1	1
105°	1	1	1	1	1	1
115°	2	2	2	2	2	2
125°	4	4	4	4	4	4
135°	4	4	4	4	4	3
145°	3	3	3	3	3	2
155°	3	3	3	3	3	1
165°	3	3	3	3	3	1
175°	4	4	4	4	4	0
180°	3	3	3	3	3	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	3185.9	3185.9	3185.9	3185.9	3185.9
0.5°	3185.1	3187.5	3188.2	3187.5	3185.9
1°	3185.9	3187.5	3188.2	3188.2	3186.7
1.5°	3186.7	3188.2	3188.2	3188.2	3187.5
2°	3186.7	3188.2	3188.2	3189.0	3187.5
2.5°	3187.5	3189.0	3189.0	3189.0	3187.5
3°	3188.2	3189.0	3189.0	3189.0	3188.2
3.5°	3188.2	3189.0	3189.0	3189.0	3188.2
4°	3189.0	3189.0	3189.0	3189.0	3188.2
4.5°	3189.0	3189.8	3189.0	3189.0	3188.2
5°	3189.0	3189.8	3189.0	3189.0	3188.2
5.5°	3189.0	3189.8	3189.0	3189.0	3188.2
6°	3189.8	3189.8	3189.0	3189.0	3187.5
6.5°	3189.8	3190.6	3189.8	3189.0	3187.5
7°	3189.8	3190.6	3189.0	3189.0	3187.5
7.5°	3189.8	3190.6	3189.0	3188.2	3186.7
8°	3190.6	3190.6	3189.8	3188.2	3186.7
8.5°	3190.6	3191.3	3189.0	3188.2	3185.9
9°	3191.3	3191.3	3189.8	3187.5	3185.9
9.5°	3191.3	3192.1	3189.0	3187.5	3185.1
10°	3192.1	3192.1	3189.0	3186.7	3184.4
10.5°	3192.9	3192.9	3189.0	3186.7	3184.4
11°	3192.9	3192.9	3189.0	3185.9	3183.6
11.5°	3193.7	3193.7	3189.0	3185.1	3182.8
12°	3193.7	3193.7	3189.0	3185.1	3182.0
12.5°	3194.5	3193.7	3188.2	3184.4	3181.2
13°	3194.5	3193.7	3188.2	3183.6	3180.5
13.5°	3195.2	3194.5	3188.2	3182.8	3179.7
14°	3195.2	3194.5	3188.2	3182.0	3178.1
14.5°	3196.0	3194.5	3187.5	3181.2	3177.4
15°	3196.0	3195.2	3187.5	3180.5	3176.6
15.5°	3196.8	3195.2	3186.7	3178.9	3175.0
16°	3196.0	3195.2	3185.9	3178.1	3173.5
16.5°	3196.8	3195.2	3185.9	3176.6	3171.9
17°	3196.8	3194.5	3185.1	3175.0	3171.1
17.5°	3196.8	3194.5	3183.6	3174.3	3169.6
18°	3196.8	3194.5	3182.8	3172.7	3167.3
18.5°	3196.8	3193.7	3182.0	3171.1	3165.7
19°	3196.0	3193.7	3181.2	3169.6	3164.2
19.5°	3196.0	3192.9	3179.7	3167.3	3161.8
20°	3195.2	3192.1	3178.1	3165.7	3160.3
20.5°	3194.5	3191.3	3177.4	3164.2	3157.9
21°	3194.5	3190.6	3175.8	3161.8	3155.6



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	3191.3	3186.7	3170.4	3154.8	3147.8
23°	3189.8	3185.1	3168.0	3152.5	3145.5
23.5°	3188.2	3183.6	3165.7	3149.4	3142.4
24°	3186.7	3182.0	3163.4	3146.3	3139.3
24.5°	3185.1	3179.7	3161.0	3143.2	3136.2
25°	3182.8	3177.4	3157.9	3140.1	3133.1
25.5°	3180.5	3175.0	3154.8	3137.0	3129.2
26°	3178.1	3172.7	3151.7	3133.8	3126.1
26.5°	3175.8	3169.6	3148.6	3130.0	3122.2
27°	3172.7	3166.5	3144.7	3126.1	3118.3
27.5°	3169.6	3163.4	3140.8	3122.2	3114.4
28°	3166.5	3159.5	3137.0	3118.3	3110.5
28.5°	3162.6	3155.6	3133.1	3113.6	3105.9
29°	3158.7	3151.7	3128.4	3109.0	3101.2
29.5°	3154.8	3147.1	3123.7	3104.3	3095.8
30°	3150.2	3142.4	3118.3	3098.9	3090.3
30.5°	3145.5	3137.7	3112.9	3093.4	3085.7
31°	3140.1	3132.3	3107.4	3088.0	3079.5
31.5°	3135.4	3126.9	3101.2	3082.6	3074.0
32°	3129.2	3120.6	3095.8	3076.3	3067.8
32.5°	3123.0	3114.4	3088.8	3069.4	3060.8
33°	3116.8	3107.4	3081.8	3063.1	3053.8
33.5°	3109.8	3100.4	3074.8	3056.1	3046.8
34°	3102.0	3092.7	3067.0	3048.4	3039.8
34.5°	3094.2	3084.9	3059.2	3040.6	3032.1
35°	3086.4	3076.3	3050.7	3032.1	3023.5
35.5°	3077.9	3067.8	3042.2	3023.5	3015.0
36°	3069.4	3058.5	3032.8	3015.0	3005.6
36.5°	3059.2	3049.1	3023.5	3005.6	2997.1
37°	3049.1	3039.0	3013.4	2995.5	2987.0
37.5°	3039.0	3028.2	3003.3	2985.4	2976.1
38°	3028.2	3018.1	2992.4	2975.3	2966.0
38.5°	3017.3	3006.4	2980.8	2963.7	2955.1
39°	3005.6	2994.0	2969.1	2952.8	2943.5
39.5°	2993.2	2981.5	2957.5	2940.4	2931.8
40°	2980.0	2969.1	2944.2	2927.9	2919.4
40.5°	2967.6	2955.9	2931.0	2915.5	2906.2
41°	2953.6	2941.9	2917.8	2901.5	2892.2
41.5°	2938.8	2927.2	2903.1	2887.5	2878.2
42°	2924.0	2912.4	2888.3	2873.5	2863.4
42.5°	2908.5	2896.8	2872.8	2858.0	2848.7
43°	2893.0	2880.5	2857.2	2842.5	2833.1
43.5°	2876.6	2864.2	2840.9	2826.1	2816.8



TEST NUMBER: P#

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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	2823.0	2810.6	2788.1	2774.8	2764.7
45.5°	2804.4	2791.2	2769.4	2756.2	2746.9
46°	2784.9	2771.7	2750.0	2736.8	2727.4
46.5°	2764.7	2751.5	2730.6	2717.3	2708.0
47°	2743.8	2731.3	2709.6	2697.9	2687.8
47.5°	2722.8	2709.6	2688.6	2676.9	2666.8
48°	2701.8	2687.8	2667.6	2655.2	2645.1
48.5°	2679.3	2666.1	2645.9	2634.2	2624.9
49°	2655.2	2642.7	2622.5	2610.1	2601.6
49.5°	2631.9	2619.4	2599.2	2587.6	2578.3
50°	2607.8	2594.6	2575.9	2564.3	2554.9
50.5°	2582.9	2569.7	2551.1	2539.4	2530.9
51°	2558.1	2544.8	2526.2	2514.5	2505.2
51.5°	2531.6	2518.4	2499.8	2488.9	2480.3
52°	2505.2	2492.0	2473.4	2463.3	2454.7
52.5°	2478.8	2465.6	2446.9	2436.1	2428.3
53°	2450.0	2437.6	2420.5	2410.4	2401.9
53.5°	2421.3	2408.9	2391.8	2381.7	2373.9
54°	2392.5	2380.1	2363.0	2352.9	2345.9
54.5°	2364.6	2351.4	2335.0	2324.9	2317.9
55°	2334.3	2321.8	2305.5	2295.4	2288.4
55.5°	2304.0	2291.5	2275.2	2265.1	2258.9
56°	2272.1	2260.4	2244.1	2235.6	2229.4
56.5°	2240.2	2229.4	2213.0	2204.5	2198.3
57°	2209.2	2197.5	2182.0	2174.2	2168.0
57.5°	2178.1	2165.6	2150.1	2142.3	2136.1
58°	2143.9	2132.2	2117.5	2109.7	2104.3
58.5°	2110.5	2099.6	2084.1	2077.1	2071.6
59°	2077.1	2066.2	2051.4	2044.4	2039.0
59.5°	2042.1	2032.0	2017.2	2010.2	2004.8
60°	2007.9	1997.0	1983.0	1976.8	1971.4
60.5°	1972.9	1963.6	1948.8	1942.6	1937.2
61°	1937.2	1927.9	1913.9	1907.7	1902.2
61.5°	1900.7	1892.9	1878.9	1872.7	1868.0
62°	1864.9	1857.2	1843.2	1837.7	1833.1
62.5°	1828.4	1820.6	1806.6	1801.2	1796.5
63°	1791.9	1784.1	1770.9	1765.5	1760.8
63.5°	1754.6	1746.8	1734.4	1728.9	1724.3
64°	1717.3	1709.5	1696.3	1692.4	1687.0
64.5°	1680.0	1672.2	1659.0	1655.1	1650.5
65°	1641.9	1635.7	1623.3	1618.6	1615.5
65.5°	1604.6	1596.8	1585.2	1581.3	1576.6
66°	1565.0	1558.8	1547.1	1543.2	1540.1





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	1450.0	1443.0	1432.9	1429.0	1425.1
68°	1410.3	1404.1	1394.0	1390.9	1387.0
68.5°	1370.7	1364.5	1354.4	1352.1	1349.7
69°	1331.1	1324.9	1316.3	1314.0	1310.9
69.5°	1292.2	1286.0	1278.2	1275.9	1272.0
70°	1252.6	1247.2	1239.4	1237.1	1233.2
70.5°	1213.0	1207.5	1200.5	1198.2	1194.3
71°	1173.3	1168.7	1162.5	1159.4	1155.5
71.5°	1134.5	1129.8	1122.8	1120.5	1117.4
72°	1094.9	1091.0	1084.0	1082.4	1078.5
72.5°	1055.2	1052.1	1045.1	1043.6	1040.5
73°	1015.6	1012.5	1005.5	1003.9	1001.6
73.5°	976.8	973.6	967.4	965.1	962.8
74°	937.9	935.6	929.4	927.8	924.7
74.5°	898.3	896.7	891.3	888.9	886.6
75°	858.6	858.6	853.2	851.6	849.3
75.5°	820.6	820.6	815.1	813.6	811.2
76°	782.5	782.5	777.1	775.6	772.5
76.5°	744.0	744.3	739.8	738.1	735.6
77°	707.2	707.5	703.4	701.3	698.7
77.5°	667.8	669.7	666.2	664.4	661.8
78°	631.0	633.4	629.9	628.4	626.2
78.5°	596.4	597.9	595.6	593.8	590.8
79°	560.1	561.3	559.8	558.2	555.3
79.5°	524.4	526.3	525.3	523.9	520.5
80°	490.1	491.5	491.7	489.6	486.4
80.5°	454.0	456.9	457.4	455.3	453.6
81°	420.7	423.4	424.2	422.9	420.8
81.5°	387.9	391.1	391.8	391.1	388.3
82°	355.0	358.9	360.1	359.5	356.4
82.5°	323.6	328.0	329.2	328.8	325.9
83°	293.2	297.9	299.1	299.5	296.8
83.5°	263.7	268.2	269.7	270.2	267.3
84°	235.4	239.5	241.4	242.1	239.7
84.5°	208.6	211.8	214.1	215.1	213.9
85°	183.2	185.6	187.7	189.1	187.4
85.5°	158.7	160.5	162.1	164.3	162.9
86°	135.8	137.7	138.8	140.5	140.5
86.5°	114.1	114.9	115.8	117.8	117.8
87°	93.2	93.3	93.6	96.2	96.3
87.5°	72.0	72.6	72.9	75.1	75.9
88°	50.7	52.5	53.0	55.1	54.9
88.5°	35.9	35.9	35.8	37.9	38.4



TEST NUMBER: P#

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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	1.7	1.6	1.7	1.8	1.6
90.5°	0.5	0.5	0.5	0.6	0.5
91°	0.5	0.5	0.5	0.5	0.5
91.5°	0.7	0.5	0.6	0.5	0.4
92°	0.5	0.5	0.5	0.6	0.5
92.5°	0.6	0.5	0.5	0.6	0.5
93°	0.6	0.6	0.6	0.5	0.5
93.5°	0.7	0.5	0.6	0.6	0.7
94°	0.7	0.6	0.7	0.6	0.8
94.5°	0.7	0.7	0.6	0.7	0.7
95°	0.7	0.5	0.7	0.6	0.8
95.5°	0.6	0.7	0.8	0.7	0.8
96°	0.9	0.9	0.7	0.7	0.8
96.5°	0.9	0.8	0.8	0.7	0.8
97°	0.9	0.8	0.9	0.7	0.9
97.5°	0.9	0.8	0.8	0.7	0.9
98°	1.0	0.9	0.9	0.9	1.0
98.5°	1.0	0.9	0.8	0.8	0.9
99°	0.9	0.9	0.9	0.8	0.9
99.5°	1.0	0.8	0.9	0.9	0.9
100°	1.0	0.9	0.9	0.9	1.0
100.5°	1.0	1.0	0.9	1.0	1.0
101°	1.1	0.9	0.9	0.9	0.9
101.5°	1.2	0.9	1.0	1.0	1.1
102°	1.2	1.0	1.1	1.0	1.1
102.5°	1.1	1.0	1.0	1.1	1.1
103°	1.1	0.9	1.1	1.0	1.1
103.5°	1.2	1.2	1.1	1.1	1.0
104°	1.3	1.2	1.2	1.1	1.0
104.5°	1.2	1.2	1.2	1.2	1.1
105°	1.4	1.2	1.2	1.3	1.3
105.5°	1.3	1.1	1.2	1.2	1.2
106°	1.2	1.2	1.3	1.3	1.4
106.5°	1.4	1.2	1.3	1.2	1.2
107°	1.3	1.3	1.4	1.4	1.2
107.5°	1.5	1.3	1.4	1.5	1.4
108°	1.5	1.3	1.2	1.5	1.3
108.5°	1.5	1.5	1.5	1.4	1.3
109°	1.6	1.5	1.5	1.5	1.6
109.5°	1.6	1.4	1.6	1.6	1.4
110°	1.6	1.6	1.6	1.6	1.6
110.5°	1.6	1.6	1.6	1.6	1.7
111°	1.6	1.7	1.7	1.7	1.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L930-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	1.9	1.9	2.0	1.9	1.8
113°	2.1	1.9	1.9	1.9	1.9
113.5°	2.1	2.1	2.1	2.2	2.2
114°	2.2	2.2	2.3	2.3	2.2
114.5°	2.3	2.3	2.3	2.3	2.1
115°	2.3	2.3	2.3	2.3	2.3
115.5°	2.6	2.3	2.5	2.4	2.3
116°	2.5	2.6	2.6	2.5	2.4
116.5°	2.6	2.6	2.6	2.6	2.6
117°	2.8	2.8	2.8	2.8	2.5
117.5°	3.0	2.8	2.9	2.8	2.6
118°	3.0	2.9	3.0	2.9	2.7
118.5°	3.2	3.0	3.0	3.0	2.9
119°	3.2	3.2	3.3	3.0	3.0
119.5°	3.3	3.3	3.3	3.2	3.1
120°	3.4	3.4	3.3	3.3	3.3
120.5°	3.5	3.3	3.5	3.4	3.3
121°	3.5	3.5	3.5	3.5	3.3
121.5°	3.9	3.7	3.7	3.5	3.5
122°	3.7	3.9	3.7	3.7	3.7
122.5°	4.0	3.9	3.8	3.8	3.7
123°	4.0	4.0	3.9	3.9	3.8
123.5°	4.0	4.2	4.0	3.8	4.0
124°	4.1	4.2	4.1	4.0	4.0
124.5°	4.4	4.2	4.1	4.0	4.0
125°	4.5	4.4	4.3	4.2	4.2
125.5°	4.5	4.4	4.3	4.2	4.3
126°	4.5	4.4	4.3	4.3	4.2
126.5°	4.4	4.4	4.5	4.3	4.4
127°	4.5	4.5	4.4	4.3	4.2
127.5°	4.7	4.6	4.5	4.3	4.2
128°	4.7	4.4	4.4	4.3	4.4
128.5°	4.5	4.5	4.4	4.2	4.4
129°	4.4	4.4	4.4	4.3	4.2
129.5°	4.4	4.4	4.4	4.3	4.3
130°	4.4	4.4	4.3	4.1	4.2
130.5°	4.5	4.4	4.4	4.0	4.2
131°	4.3	4.3	4.3	4.0	4.1
131.5°	4.4	4.2	4.0	4.0	4.0
132°	4.3	4.1	4.1	4.0	4.0
132.5°	4.3	4.1	4.0	4.0	4.0
133°	4.1	4.0	4.0	3.7	3.9
133.5°	4.2	4.0	3.8	3.7	3.9



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L930-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	4.0	3.8	3.7	3.6	3.9
135.5°	3.8	3.9	3.7	3.5	3.7
136°	3.7	3.7	3.5	3.3	3.7
136.5°	3.8	3.7	3.5	3.3	3.7
137°	3.7	3.6	3.5	3.3	3.6
137.5°	3.7	3.5	3.4	3.2	3.4
138°	3.6	3.4	3.3	3.2	3.4
138.5°	3.7	3.4	3.3	3.1	3.3
139°	3.2	3.3	3.3	3.0	3.4
139.5°	3.4	3.2	3.1	3.0	3.3
140°	3.3	3.1	3.2	3.0	3.1
140.5°	3.3	3.1	3.1	3.0	3.1
141°	3.2	3.1	3.0	2.8	3.0
141.5°	3.0	3.1	3.1	2.8	3.0
142°	2.9	2.9	3.0	2.9	2.7
142.5°	2.9	3.0	3.0	2.8	2.7
143°	3.0	3.0	3.0	2.9	2.7
143.5°	3.0	3.0	3.0	2.7	2.7
144°	3.0	2.8	3.0	2.6	2.8
144.5°	2.9	2.8	2.9	2.7	2.8
145°	3.0	2.8	2.9	2.6	2.8
145.5°	2.9	2.7	2.8	2.6	3.0
146°	2.9	2.7	2.6	2.6	2.8
146.5°	3.0	2.7	2.6	2.6	2.8
147°	2.9	2.7	2.6	2.6	2.6
147.5°	2.8	2.7	2.6	2.6	2.9
148°	2.9	2.7	2.6	2.6	2.9
148.5°	3.0	2.8	2.6	2.6	2.9
149°	2.9	2.7	2.6	2.6	2.9
149.5°	3.0	2.6	2.6	2.6	3.0
150°	3.0	2.8	2.6	2.6	2.9
150.5°	2.9	2.7	2.6	2.6	2.9
151°	3.0	2.7	2.6	2.6	3.0
151.5°	3.0	2.8	2.6	2.6	3.0
152°	3.0	2.8	2.7	2.8	2.9
152.5°	3.0	2.9	2.6	2.7	3.0
153°	3.0	2.8	2.7	2.9	3.1
153.5°	3.2	2.9	2.6	2.8	3.0
154°	3.0	2.9	2.8	2.8	3.0
154.5°	3.0	2.8	2.8	3.0	3.1
155°	2.9	2.9	2.9	3.0	3.2
155.5°	3.0	2.8	2.8	2.9	3.1
156°	2.9	2.9	2.9	2.9	3.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L930-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	2.9	2.7	2.8	3.0	3.0
158°	3.1	2.9	2.8	2.9	3.1
158.5°	3.0	2.9	2.7	2.9	3.0
159°	3.0	2.9	2.8	2.9	3.2
159.5°	3.0	2.8	2.8	2.9	3.3
160°	3.0	2.9	2.7	2.9	3.1
160.5°	2.9	2.8	2.8	3.0	3.1
161°	2.9	2.8	2.8	3.0	3.1
161.5°	3.0	2.9	2.8	2.8	3.0
162°	2.9	2.8	2.9	3.0	3.0
162.5°	3.0	3.0	2.9	2.9	3.0
163°	3.0	2.9	3.0	3.0	3.0
163.5°	3.0	2.9	3.0	3.0	3.2
164°	2.9	3.0	2.9	3.1	3.1
164.5°	2.8	3.0	3.0	3.1	3.2
165°	2.9	2.9	2.8	3.0	3.1
165.5°	2.7	2.9	2.8	3.3	3.1
166°	3.0	3.0	2.9	3.1	3.0
166.5°	3.0	2.9	2.8	3.2	2.9
167°	2.9	3.1	2.9	3.3	3.2
167.5°	3.0	3.1	3.0	3.3	3.2
168°	3.0	3.0	2.9	3.3	3.1
168.5°	3.0	3.2	3.0	3.5	3.2
169°	3.2	3.1	2.9	3.5	3.2
169.5°	3.1	3.1	3.0	3.4	3.3
170°	3.2	3.1	3.0	3.5	3.2
170.5°	3.2	3.3	3.0	3.5	3.3
171°	3.2	3.2	3.2	3.5	3.4
171.5°	3.1	3.2	3.2	3.6	3.3
172°	3.1	3.2	3.3	3.6	3.3
172.5°	3.3	3.3	3.3	3.6	3.3
173°	3.1	3.1	3.3	3.6	3.4
173.5°	3.3	3.3	3.4	3.5	3.5
174°	3.4	3.4	3.7	3.6	3.4
174.5°	3.4	3.6	3.6	3.7	3.6
175°	3.7	3.6	3.7	3.7	3.5
175.5°	3.7	3.6	3.8	3.7	3.7
176°	3.8	3.7	3.7	3.6	3.6
176.5°	3.9	3.7	3.7	3.4	3.6
177°	3.7	3.7	3.5	3.4	3.6
177.5°	3.8	3.7	3.4	3.3	3.7
178°	3.6	3.5	3.3	3.3	3.4
178.5°	3.5	3.4	3.3	3.3	3.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L930-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	3.0	3.0	3.0	3.0	3.0



Report Generated By 670246072 / DESKTOP-MV3F9LC







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







21.5°	3193.7	3189.8	3174.3	3159.5	3153.3
22°	3192.1	3188.2	3171.9	3157.2	3150.9



44°	2858.8	2847.1	2823.8	2809.8	2800.5
44.5°	2840.9	2828.5	2806.7	2791.9	2782.6



66.5°	1526.9	1520.7	1509.0	1505.1	1501.3
67°	1488.8	1481.8	1471.0	1467.1	1464.0



89°	22.7	22.3	22.1	23.2	23.5
89.5°	10.0	10.2	9.9	10.6	10.5



111.5°	1.9	1.7	1.8	1.8	1.7
112°	1.9	1.8	1.8	1.8	1.9





134°	4.0	3.9	3.8	3.7	4.0
134.5°	4.0	3.8	3.8	3.6	3.7



156.5°	3.0	2.8	2.9	3.0	3.0
157°	3.0	2.8	2.9	2.9	3.0



179°	3.3	3.3	3.1	3.2	3.3
179.5°	3.0	3.1	3.0	3.0	3.2



(END OF REPORT)