

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-L935-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-L935-CFD2  
Description: 14000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS  
AND 3500K CCT, 90CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No. Condition Description

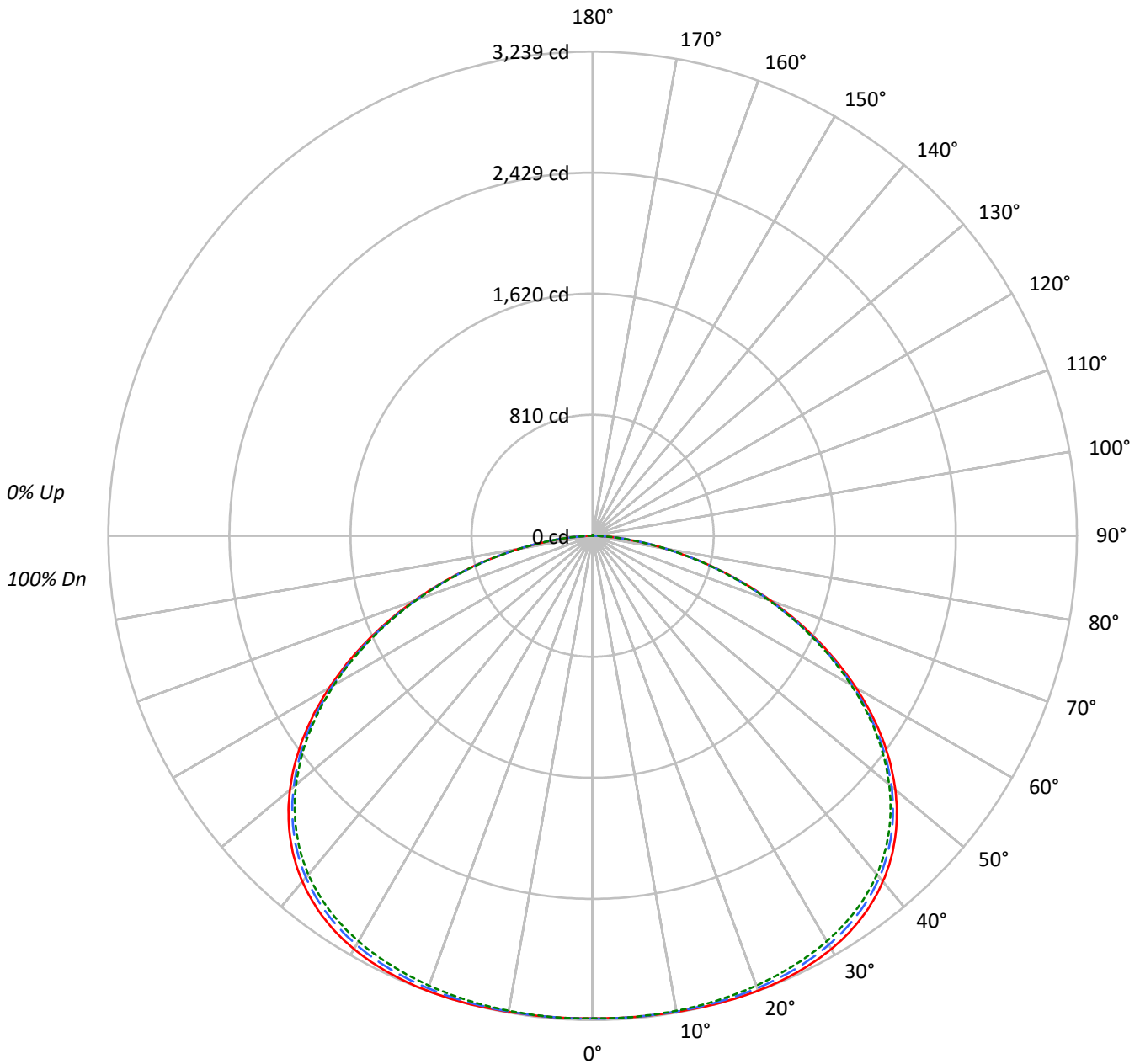
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11689.0 lumens  
Efficiency: N/A  
Efficacy: 97.4 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





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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°	2305	2305	2305
5°	2307	2303	2306
10°	2327	2318	2321
15°	2366	2349	2352
20°	2422	2394	2395
25°	2490	2451	2452
30°	2568	2516	2519
35°	2646	2584	2592
40°	2716	2645	2661
45°	2769	2689	2712
50°	2792	2703	2735
55°	2774	2676	2719
60°	2704	2596	2655
65°	2573	2458	2532
70°	2370	2247	2333
75°	2068	1944	2046
80°	1642	1524	1630
85°	1020	919	1044



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	308.5	2.6
10°-20°	914.9	7.8
20°-30°	1479.1	12.7
30°-40°	1937.3	16.6
40°-50°	2179.1	18.6
50°-60°	2085.1	17.8
60°-70°	1626.3	13.9
70°-80°	916.5	7.8
80°-90°	226.8	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°	0.9	0.0
170°-180°	0.3	0.0
0°-30°	2702.5	23.1
0°-40°	4639.8	39.7
0°-60°	8904.0	76.2
0°-90°	11673.6	99.9
90°-120°	4.5	0.0
90°-150°	12.9	0.1
90°-180°	15.0	0.1
0°-180°	11689.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3228	3228	3228	3228	3228	
5°	3231	3232	3231	3231	3230	309
15°	3238	3238	3230	3223	3219	918
25°	3225	3220	3200	3182	3175	1491
35°	3127	3117	3091	3072	3064	1958
45°	2860	2848	2825	2812	2801	2203
55°	2365	2353	2336	2326	2319	2108
65°	1664	1657	1645	1640	1637	1642
75°	870	870	864	863	861	922
85°	186	188	190	192	190	215
90°	2	2	2	2	2	9
95°	1	1	1	1	1	1
105°	1	1	1	1	1	1
115°	2	2	2	2	2	2
125°	5	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	



TEST NUMBER: P#

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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	3228.2	3228.2	3228.2	3228.2	3228.2
0.5°	3227.4	3229.7	3230.5	3229.7	3228.2
1°	3228.2	3229.7	3230.5	3230.5	3228.9
1.5°	3228.9	3230.5	3230.5	3230.5	3229.7
2°	3228.9	3230.5	3230.5	3231.3	3229.7
2.5°	3229.7	3231.3	3231.3	3231.3	3229.7
3°	3230.5	3231.3	3231.3	3231.3	3230.5
3.5°	3230.5	3231.3	3231.3	3231.3	3230.5
4°	3231.3	3231.3	3231.3	3231.3	3230.5
4.5°	3231.3	3232.1	3231.3	3231.3	3230.5
5°	3231.3	3232.1	3231.3	3231.3	3230.5
5.5°	3231.3	3232.1	3231.3	3231.3	3230.5
6°	3232.1	3232.1	3231.3	3231.3	3229.7
6.5°	3232.1	3232.9	3232.1	3231.3	3229.7
7°	3232.1	3232.9	3231.3	3231.3	3229.7
7.5°	3232.1	3232.9	3231.3	3230.5	3228.9
8°	3232.9	3232.9	3232.1	3230.5	3228.9
8.5°	3232.9	3233.7	3231.3	3230.5	3228.2
9°	3233.7	3233.7	3232.1	3229.7	3228.2
9.5°	3233.7	3234.5	3231.3	3229.7	3227.4
10°	3234.5	3234.5	3231.3	3228.9	3226.6
10.5°	3235.2	3235.2	3231.3	3228.9	3226.6
11°	3235.2	3235.2	3231.3	3228.2	3225.8
11.5°	3236.0	3236.0	3231.3	3227.4	3225.0
12°	3236.0	3236.0	3231.3	3227.4	3224.2
12.5°	3236.8	3236.0	3230.5	3226.6	3223.4
13°	3236.8	3236.0	3230.5	3225.8	3222.7
13.5°	3237.6	3236.8	3230.5	3225.0	3221.9
14°	3237.6	3236.8	3230.5	3224.2	3220.3
14.5°	3238.4	3236.8	3229.7	3223.4	3219.5
15°	3238.4	3237.6	3229.7	3222.7	3218.7
15.5°	3239.2	3237.6	3228.9	3221.1	3217.1
16°	3238.4	3237.6	3228.2	3220.3	3215.6
16.5°	3239.2	3237.6	3228.2	3218.7	3214.0
17°	3239.2	3236.8	3227.4	3217.1	3213.2
17.5°	3239.2	3236.8	3225.8	3216.4	3211.6
18°	3239.2	3236.8	3225.0	3214.8	3209.3
18.5°	3239.2	3236.0	3224.2	3213.2	3207.7
19°	3238.4	3236.0	3223.4	3211.6	3206.1
19.5°	3238.4	3235.2	3221.9	3209.3	3203.8
20°	3237.6	3234.5	3220.3	3207.7	3202.2
20.5°	3236.8	3233.7	3219.5	3206.1	3199.8
21°	3236.8	3232.9	3217.9	3203.8	3197.5



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	3233.7	3228.9	3212.4	3196.7	3189.6
23°	3232.1	3227.4	3210.1	3194.3	3187.2
23.5°	3230.5	3225.8	3207.7	3191.2	3184.1
24°	3228.9	3224.2	3205.3	3188.0	3180.9
24.5°	3227.4	3221.9	3203.0	3184.9	3177.8
25°	3225.0	3219.5	3199.8	3181.7	3174.6
25.5°	3222.7	3217.1	3196.7	3178.6	3170.7
26°	3220.3	3214.8	3193.5	3175.4	3167.5
26.5°	3217.9	3211.6	3190.4	3171.5	3163.6
27°	3214.8	3208.5	3186.4	3167.5	3159.7
27.5°	3211.6	3205.3	3182.5	3163.6	3155.7
28°	3208.5	3201.4	3178.6	3159.7	3151.8
28.5°	3204.5	3197.5	3174.6	3154.9	3147.1
29°	3200.6	3193.5	3169.9	3150.2	3142.3
29.5°	3196.7	3188.8	3165.2	3145.5	3136.8
30°	3191.9	3184.1	3159.7	3140.0	3131.3
30.5°	3187.2	3179.3	3154.2	3134.5	3126.6
31°	3181.7	3173.8	3148.6	3129.0	3120.3
31.5°	3177.0	3168.3	3142.3	3123.4	3114.8
32°	3170.7	3162.0	3136.8	3117.1	3108.5
32.5°	3164.4	3155.7	3129.7	3110.1	3101.4
33°	3158.1	3148.6	3122.7	3103.8	3094.3
33.5°	3151.0	3141.6	3115.6	3096.7	3087.2
34°	3143.1	3133.7	3107.7	3088.8	3080.1
34.5°	3135.3	3125.8	3099.8	3080.9	3072.3
35°	3127.4	3117.1	3091.2	3072.3	3063.6
35.5°	3118.7	3108.5	3082.5	3063.6	3054.9
36°	3110.1	3099.0	3073.1	3054.9	3045.5
36.5°	3099.8	3089.6	3063.6	3045.5	3036.8
37°	3089.6	3079.4	3053.4	3035.3	3026.6
37.5°	3079.4	3068.3	3043.1	3025.0	3015.6
38°	3068.3	3058.1	3032.1	3014.8	3005.3
38.5°	3057.3	3046.3	3020.3	3003.0	2994.3
39°	3045.5	3033.7	3008.5	2992.0	2982.5
39.5°	3032.9	3021.1	2996.7	2979.4	2970.7
40°	3019.5	3008.5	2983.3	2966.8	2958.1
40.5°	3006.9	2995.1	2969.9	2954.2	2944.7
41°	2992.7	2980.9	2956.5	2940.0	2930.5
41.5°	2977.8	2966.0	2941.6	2925.8	2916.4
42°	2962.8	2951.0	2926.6	2911.6	2901.4
42.5°	2947.1	2935.3	2910.9	2895.9	2886.4
43°	2931.3	2918.7	2895.1	2880.2	2870.7
43.5°	2914.8	2902.2	2878.6	2863.6	2854.2



TEST NUMBER: P#

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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	2860.5	2847.9	2825.0	2811.7	2801.4
45.5°	2841.6	2828.2	2806.1	2792.8	2783.3
46°	2821.9	2808.5	2786.5	2773.1	2763.6
46.5°	2801.4	2788.0	2766.8	2753.4	2743.9
47°	2780.2	2767.6	2745.5	2733.7	2723.5
47.5°	2758.9	2745.5	2724.3	2712.4	2702.2
48°	2737.6	2723.5	2703.0	2690.4	2680.2
48.5°	2714.8	2701.4	2680.9	2669.1	2659.7
49°	2690.4	2677.8	2657.3	2644.7	2636.1
49.5°	2666.8	2654.2	2633.7	2621.9	2612.4
50°	2642.4	2629.0	2610.1	2598.3	2588.8
50.5°	2617.2	2603.8	2584.9	2573.1	2564.4
51°	2592.0	2578.6	2559.7	2547.9	2538.4
51.5°	2565.2	2551.8	2532.9	2521.9	2513.2
52°	2538.4	2525.1	2506.2	2495.9	2487.3
52.5°	2511.7	2498.3	2479.4	2468.4	2460.5
53°	2482.5	2469.9	2452.6	2442.4	2433.7
53.5°	2453.4	2440.8	2423.5	2413.2	2405.4
54°	2424.3	2411.7	2394.4	2384.1	2377.0
54.5°	2395.9	2382.5	2366.0	2355.8	2348.7
55°	2365.2	2352.6	2336.1	2325.9	2318.8
55.5°	2334.5	2321.9	2305.4	2295.1	2288.8
56°	2302.2	2290.4	2273.9	2265.2	2258.9
56.5°	2269.9	2258.9	2242.4	2233.7	2227.4
57°	2238.5	2226.6	2210.9	2203.0	2196.7
57.5°	2207.0	2194.4	2178.6	2170.7	2164.4
58°	2172.3	2160.5	2145.5	2137.7	2132.2
58.5°	2138.5	2127.4	2111.7	2104.6	2099.1
59°	2104.6	2093.6	2078.6	2071.5	2066.0
59.5°	2069.2	2058.9	2044.0	2036.9	2031.4
60°	2034.5	2023.5	2009.3	2003.0	1997.5
60.5°	1999.1	1989.7	1974.7	1968.4	1962.9
61°	1962.9	1953.4	1939.3	1933.0	1927.4
61.5°	1925.9	1918.0	1903.8	1897.5	1892.8
62°	1889.7	1881.8	1867.6	1862.1	1857.4
62.5°	1852.7	1844.8	1830.6	1825.1	1820.4
63°	1815.6	1807.8	1794.4	1788.9	1784.2
63.5°	1777.9	1770.0	1757.4	1751.9	1747.1
64°	1740.1	1732.2	1718.8	1714.9	1709.4
64.5°	1702.3	1694.4	1681.0	1677.1	1672.3
65°	1663.7	1657.4	1644.8	1640.1	1636.9
65.5°	1625.9	1618.0	1606.2	1602.3	1597.5
66°	1585.7	1579.4	1567.6	1563.7	1560.5





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	1469.2	1462.1	1451.9	1447.9	1444.0
68°	1429.1	1422.8	1412.5	1409.4	1405.4
68.5°	1388.9	1382.6	1372.4	1370.0	1367.6
69°	1348.7	1342.4	1333.8	1331.4	1328.3
69.5°	1309.4	1303.1	1295.2	1292.8	1288.9
70°	1269.2	1263.7	1255.8	1253.5	1249.5
70.5°	1229.1	1223.6	1216.5	1214.1	1210.2
71°	1188.9	1184.2	1177.9	1174.7	1170.8
71.5°	1149.5	1144.8	1137.7	1135.4	1132.2
72°	1109.4	1105.4	1098.4	1096.8	1092.9
72.5°	1069.2	1066.1	1059.0	1057.4	1054.3
73°	1029.1	1025.9	1018.8	1017.3	1014.9
73.5°	989.7	986.6	980.3	977.9	975.5
74°	950.3	948.0	941.7	940.1	937.0
74.5°	910.2	908.6	903.1	900.7	898.4
75°	870.0	870.0	864.5	862.9	860.6
75.5°	831.4	831.4	825.9	824.4	822.0
76°	792.9	792.9	787.4	785.9	782.7
76.5°	753.9	754.2	749.6	747.9	745.3
77°	716.6	716.9	712.7	710.6	708.0
77.5°	676.7	678.5	675.1	673.2	670.6
78°	639.4	641.8	638.2	636.7	634.5
78.5°	604.3	605.8	603.5	601.7	598.6
79°	567.5	568.7	567.2	565.6	562.6
79.5°	531.3	533.3	532.3	530.8	527.4
80°	496.6	498.0	498.2	496.1	492.9
80.5°	460.1	463.0	463.4	461.3	459.7
81°	426.3	429.0	429.8	428.6	426.4
81.5°	393.0	396.3	397.0	396.3	393.4
82°	359.7	363.7	364.9	364.3	361.2
82.5°	327.9	332.3	333.6	333.1	330.2
83°	297.1	301.9	303.1	303.4	300.8
83.5°	267.2	271.8	273.3	273.8	270.9
84°	238.6	242.7	244.6	245.3	242.9
84.5°	211.3	214.6	216.9	217.9	216.8
85°	185.7	188.0	190.1	191.6	189.9
85.5°	160.8	162.7	164.2	166.4	165.1
86°	137.6	139.5	140.6	142.4	142.4
86.5°	115.6	116.5	117.3	119.4	119.4
87°	94.5	94.6	94.9	97.5	97.6
87.5°	72.9	73.5	73.9	76.1	76.9
88°	51.4	53.2	53.7	55.8	55.7
88.5°	36.4	36.4	36.3	38.4	38.9



TEST NUMBER: P#

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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	1.7	1.7	1.7	1.8	1.7
90.5°	0.6	0.5	0.6	0.6	0.6
91°	0.6	0.5	0.5	0.6	0.5
91.5°	0.7	0.6	0.6	0.5	0.4
92°	0.6	0.6	0.6	0.6	0.6
92.5°	0.6	0.6	0.6	0.6	0.6
93°	0.6	0.6	0.6	0.6	0.5
93.5°	0.7	0.6	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	0.6	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°	1.3	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	1.3	1.3	1.3	1.1
105°	1.4	1.3	1.2	1.3	1.3
105.5°	1.3	1.1	1.3	1.2	1.2
106°	1.3	1.3	1.3	1.3	1.4
106.5°	1.4	1.3	1.3	1.3	1.2
107°	1.3	1.3	1.4	1.4	1.3
107.5°	1.5	1.3	1.4	1.5	1.4
108°	1.5	1.3	1.3	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°	1.7	1.4	1.7	1.6	1.4
110°	1.6	1.6	1.6	1.7	1.6
110.5°	1.7	1.6	1.7	1.7	1.7
111°	1.7	1.7	1.7	1.7	1.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L935-CFD2

**CANDELA DISTRIBUTION (continued):**

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L935-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	4.1	3.9	3.7	3.6	3.9
135.5°	3.9	3.9	3.7	3.5	3.8
136°	3.8	3.7	3.5	3.4	3.8
136.5°	3.9	3.7	3.5	3.4	3.7
137°	3.8	3.6	3.5	3.4	3.6
137.5°	3.7	3.5	3.5	3.2	3.5
138°	3.6	3.5	3.3	3.2	3.5
138.5°	3.7	3.5	3.4	3.1	3.4
139°	3.2	3.4	3.3	3.0	3.5
139.5°	3.5	3.2	3.1	3.1	3.4
140°	3.4	3.1	3.2	3.0	3.1
140.5°	3.4	3.1	3.1	3.0	3.1
141°	3.2	3.1	3.1	2.8	3.0
141.5°	3.0	3.1	3.1	2.8	3.0
142°	2.9	2.9	3.1	2.9	2.8
142.5°	2.9	3.1	3.0	2.8	2.8
143°	3.1	3.0	3.0	2.9	2.8
143.5°	3.1	3.0	3.0	2.8	2.8
144°	3.1	2.8	3.1	2.7	2.8
144.5°	2.9	2.8	2.9	2.8	2.8
145°	3.0	2.8	2.9	2.6	2.8
145.5°	2.9	2.8	2.8	2.6	3.0
146°	2.9	2.8	2.7	2.6	2.8
146.5°	3.0	2.8	2.7	2.6	2.8
147°	2.9	2.8	2.6	2.7	2.7
147.5°	2.8	2.8	2.6	2.7	2.9
148°	2.9	2.8	2.7	2.6	2.9
148.5°	3.0	2.8	2.7	2.6	2.9
149°	2.9	2.8	2.7	2.6	2.9
149.5°	3.1	2.7	2.7	2.6	3.0
150°	3.0	2.8	2.7	2.6	2.9
150.5°	2.9	2.8	2.7	2.7	2.9
151°	3.1	2.8	2.6	2.7	3.1
151.5°	3.0	2.8	2.6	2.7	3.1
152°	3.1	2.8	2.8	2.8	2.9
152.5°	3.1	2.9	2.7	2.8	3.1
153°	3.0	2.8	2.8	2.9	3.1
153.5°	3.2	2.9	2.7	2.8	3.1
154°	3.1	2.9	2.8	2.8	3.1
154.5°	3.1	2.8	2.8	3.0	3.1
155°	2.9	2.9	2.9	3.0	3.2
155.5°	3.1	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-L935-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	2.9	2.8	2.8	3.0	3.1
158°	3.1	2.9	2.8	2.9	3.1
158.5°	3.0	2.9	2.8	2.9	3.1
159°	3.1	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	2.8	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°	3.1	3.0	2.9	2.9	3.1
163°	3.1	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	3.1	3.0	3.1	3.2
165°	2.9	2.9	2.8	3.1	3.1
165.5°	2.8	2.9	2.8	3.3	3.1
166°	3.0	3.0	2.9	3.1	3.1
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	3.4	3.2
168°	3.1	3.1	2.9	3.3	3.1
168.5°	3.0	3.2	3.1	3.5	3.2
169°	3.2	3.1	2.9	3.5	3.2
169.5°	3.1	3.1	3.0	3.5	3.3
170°	3.2	3.1	3.1	3.5	3.2
170.5°	3.2	3.3	3.1	3.5	3.4
171°	3.2	3.2	3.2	3.5	3.5
171.5°	3.1	3.2	3.2	3.6	3.3
172°	3.1	3.2	3.3	3.6	3.4
172.5°	3.3	3.3	3.4	3.6	3.4
173°	3.1	3.1	3.4	3.6	3.5
173.5°	3.4	3.3	3.5	3.5	3.5
174°	3.5	3.5	3.7	3.6	3.5
174.5°	3.5	3.6	3.6	3.8	3.6
175°	3.7	3.6	3.7	3.8	3.5
175.5°	3.7	3.6	3.9	3.7	3.7
176°	3.9	3.8	3.7	3.6	3.6
176.5°	3.9	3.7	3.8	3.5	3.6
177°	3.8	3.7	3.5	3.5	3.6
177.5°	3.9	3.7	3.5	3.4	3.7
178°	3.6	3.5	3.4	3.4	3.5
178.5°	3.5	3.5	3.3	3.3	3.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L935-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	3.1	3.1	3.1	3.1	3.1



Report Generated By 670246072 / DESKTOP-MV3F9LC







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







21.5°	3236.0	3232.1	3216.4	3201.4	3195.1
22°	3234.5	3230.5	3214.0	3199.0	3192.7



44°	2896.7	2884.9	2861.3	2847.1	2837.6
44.5°	2878.6	2866.0	2843.9	2829.0	2819.5



66.5°	1547.2	1540.9	1529.0	1525.1	1521.2
67°	1508.6	1501.5	1490.5	1486.5	1483.4



89°	23.0	22.6	22.4	23.5	23.9
89.5°	10.2	10.3	10.1	10.8	10.6



111.5°	2.0	1.7	1.8	1.8	1.7
112°	2.0	1.8	1.8	1.8	2.0





134°	4.0	3.9	3.9	3.8	4.0
134.5°	4.1	3.9	3.9	3.6	3.8



156.5°	3.1	2.8	2.9	3.0	3.1
157°	3.0	2.8	2.9	2.9	3.1



179°	3.4	3.3	3.1	3.2	3.4
179.5°	3.0	3.1	3.1	3.0	3.2



(END OF REPORT)