

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-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-140-L930-CFR2  
Description: 14000 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

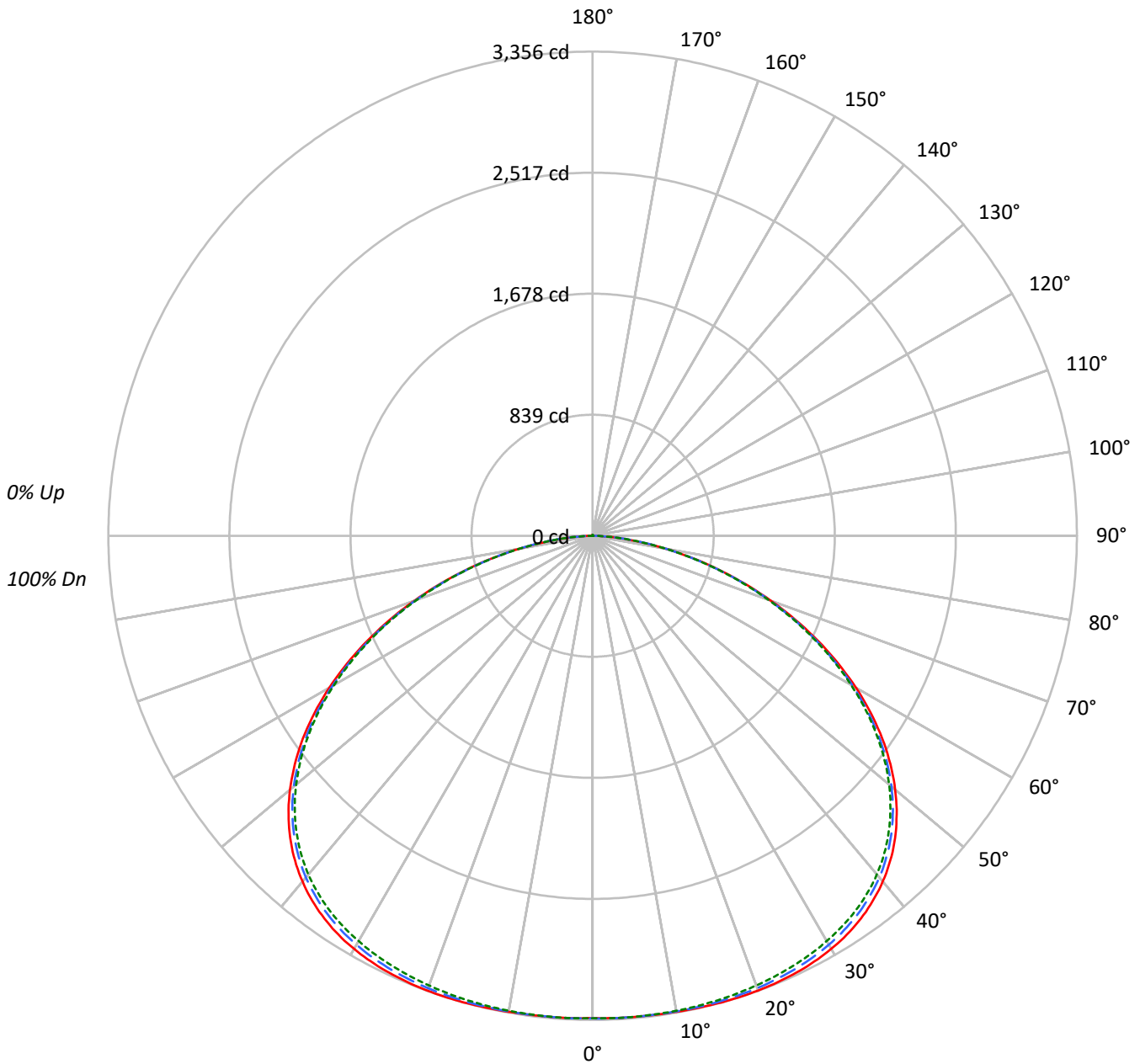
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 12109.0 lumens  
Efficiency: N/A  
Efficacy: 100.9 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): 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°	2387	2387	2387
5°	2399	2399	2398
10°	2429	2427	2423
15°	2479	2473	2464
20°	2548	2534	2520
25°	2632	2611	2591
30°	2726	2698	2674
35°	2824	2791	2766
40°	2915	2880	2856
45°	2992	2955	2930
50°	3040	3003	2978
55°	3050	3012	2990
60°	3009	2972	2955
65°	2911	2878	2864
70°	2744	2716	2702
75°	2486	2470	2459
80°	2115	2122	2099
85°	1575	1614	1611



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	319.5	2.6
10°-20°	947.8	7.8
20°-30°	1532.2	12.7
30°-40°	2006.9	16.6
40°-50°	2257.4	18.6
50°-60°	2160.1	17.8
60°-70°	1684.7	13.9
70°-80°	949.4	7.8
80°-90°	234.9	1.9
90°-100°	0.8	0.0
100°-110°	1.4	0.0
110°-120°	2.5	0.0
120°-130°	3.8	0.0
130°-140°	3.0	0.0
140°-150°	1.9	0.0
150°-160°	1.4	0.0
160°-170°	0.9	0.0
170°-180°	0.3	0.0
0°-30°	2799.6	23.1
0°-40°	4806.5	39.7
0°-60°	9223.9	76.2
0°-90°	12093.0	99.9
90°-120°	4.7	0.0
90°-150°	13.4	0.1
90°-180°	16.0	0.1
0°-180°	12109.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3344	3344	3344	3344	3344	
5°	3347	3348	3347	3347	3347	320
15°	3355	3354	3346	3338	3334	951
25°	3341	3335	3315	3296	3289	1544
35°	3240	3229	3202	3183	3174	2028
45°	2963	2950	2926	2913	2902	2283
55°	2450	2437	2420	2409	2402	2184
65°	1724	1717	1704	1699	1696	1701
75°	901	901	896	894	892	955
85°	192	195	197	198	197	223
90°	2	2	2	2	2	9
95°	1	1	1	1	1	1
105°	2	1	1	1	1	1
115°	2	2	2	2	2	3
125°	5	5	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°	3344.2	3344.2	3344.2	3344.2	3344.2
0.5°	3343.3	3345.8	3346.6	3345.8	3344.2
1°	3344.2	3345.8	3346.6	3346.6	3345.0
1.5°	3345.0	3346.6	3346.6	3346.6	3345.8
2°	3345.0	3346.6	3346.6	3347.4	3345.8
2.5°	3345.8	3347.4	3347.4	3347.4	3345.8
3°	3346.6	3347.4	3347.4	3347.4	3346.6
3.5°	3346.6	3347.4	3347.4	3347.4	3346.6
4°	3347.4	3347.4	3347.4	3347.4	3346.6
4.5°	3347.4	3348.2	3347.4	3347.4	3346.6
5°	3347.4	3348.2	3347.4	3347.4	3346.6
5.5°	3347.4	3348.2	3347.4	3347.4	3346.6
6°	3348.2	3348.2	3347.4	3347.4	3345.8
6.5°	3348.2	3349.0	3348.2	3347.4	3345.8
7°	3348.2	3349.0	3347.4	3347.4	3345.8
7.5°	3348.2	3349.0	3347.4	3346.6	3345.0
8°	3349.0	3349.0	3348.2	3346.6	3345.0
8.5°	3349.0	3349.9	3347.4	3346.6	3344.2
9°	3349.9	3349.9	3348.2	3345.8	3344.2
9.5°	3349.9	3350.7	3347.4	3345.8	3343.3
10°	3350.7	3350.7	3347.4	3345.0	3342.5
10.5°	3351.5	3351.5	3347.4	3345.0	3342.5
11°	3351.5	3351.5	3347.4	3344.2	3341.7
11.5°	3352.3	3352.3	3347.4	3343.3	3340.9
12°	3352.3	3352.3	3347.4	3343.3	3340.1
12.5°	3353.1	3352.3	3346.6	3342.5	3339.3
13°	3353.1	3352.3	3346.6	3341.7	3338.4
13.5°	3353.9	3353.1	3346.6	3340.9	3337.6
14°	3353.9	3353.1	3346.6	3340.1	3336.0
14.5°	3354.8	3353.1	3345.8	3339.3	3335.2
15°	3354.8	3353.9	3345.8	3338.4	3334.4
15.5°	3355.6	3353.9	3345.0	3336.8	3332.7
16°	3354.8	3353.9	3344.2	3336.0	3331.1
16.5°	3355.6	3353.9	3344.2	3334.4	3329.5
17°	3355.6	3353.1	3343.3	3332.7	3328.7
17.5°	3355.6	3353.1	3341.7	3331.9	3327.0
18°	3355.6	3353.1	3340.9	3330.3	3324.6
18.5°	3355.6	3352.3	3340.1	3328.7	3322.9
19°	3354.8	3352.3	3339.3	3327.0	3321.3
19.5°	3354.8	3351.5	3337.6	3324.6	3318.9
20°	3353.9	3350.7	3336.0	3322.9	3317.2
20.5°	3353.1	3349.9	3335.2	3321.3	3314.8
21°	3353.1	3349.0	3333.6	3318.9	3312.3



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	3349.9	3345.0	3327.8	3311.5	3304.2
23°	3348.2	3343.3	3325.4	3309.1	3301.7
23.5°	3346.6	3341.7	3322.9	3305.8	3298.5
24°	3345.0	3340.1	3320.5	3302.6	3295.2
24.5°	3343.3	3337.6	3318.1	3299.3	3292.0
25°	3340.9	3335.2	3314.8	3296.0	3288.7
25.5°	3338.4	3332.7	3311.5	3292.8	3284.6
26°	3336.0	3330.3	3308.3	3289.5	3281.3
26.5°	3333.6	3327.0	3305.0	3285.4	3277.3
27°	3330.3	3323.8	3300.9	3281.3	3273.2
27.5°	3327.0	3320.5	3296.8	3277.3	3269.1
28°	3323.8	3316.4	3292.8	3273.2	3265.0
28.5°	3319.7	3312.3	3288.7	3268.3	3260.1
29°	3315.6	3308.3	3283.8	3263.4	3255.2
29.5°	3311.5	3303.4	3278.9	3258.5	3249.5
30°	3306.6	3298.5	3273.2	3252.8	3243.8
30.5°	3301.7	3293.6	3267.5	3247.1	3238.9
31°	3296.0	3287.9	3261.8	3241.4	3232.4
31.5°	3291.1	3282.2	3255.2	3235.7	3226.7
32°	3284.6	3275.6	3249.5	3229.1	3220.2
32.5°	3278.1	3269.1	3242.2	3221.8	3212.8
33°	3271.6	3261.8	3234.9	3215.3	3205.5
33.5°	3264.2	3254.4	3227.5	3207.9	3198.2
34°	3256.1	3246.3	3219.4	3199.8	3190.8
34.5°	3247.9	3238.1	3211.2	3191.6	3182.7
35°	3239.8	3229.1	3202.2	3182.7	3173.7
35.5°	3230.8	3220.2	3193.3	3173.7	3164.7
36°	3221.8	3210.4	3183.5	3164.7	3154.9
36.5°	3211.2	3200.6	3173.7	3154.9	3146.0
37°	3200.6	3190.0	3163.1	3144.3	3135.3
37.5°	3190.0	3178.6	3152.5	3133.7	3123.9
38°	3178.6	3168.0	3141.1	3123.1	3113.3
38.5°	3167.2	3155.7	3128.8	3110.9	3101.9
39°	3154.9	3142.7	3116.6	3099.5	3089.7
39.5°	3141.9	3129.6	3104.4	3086.4	3077.4
40°	3128.0	3116.6	3090.5	3073.4	3064.4
40.5°	3115.0	3102.7	3076.6	3060.3	3050.5
41°	3100.3	3088.0	3062.8	3045.6	3035.8
41.5°	3084.8	3072.5	3047.3	3030.9	3021.2
42°	3069.3	3057.0	3031.8	3016.3	3005.7
42.5°	3053.0	3040.7	3015.4	3000.0	2990.2
43°	3036.7	3023.6	2999.1	2983.6	2973.9
43.5°	3019.5	3006.5	2982.0	2966.5	2956.7



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	2963.2	2950.2	2926.5	2912.7	2902.1
45.5°	2943.7	2929.8	2907.0	2893.1	2883.3
46°	2923.3	2909.4	2886.6	2872.7	2862.9
46.5°	2902.1	2888.2	2866.2	2852.3	2842.5
47°	2880.1	2867.0	2844.2	2831.9	2821.3
47.5°	2858.0	2844.2	2822.1	2809.9	2799.3
48°	2836.0	2821.3	2800.1	2787.1	2776.5
48.5°	2812.4	2798.5	2777.3	2765.0	2755.3
49°	2787.1	2774.0	2752.8	2739.8	2730.8
49.5°	2762.6	2749.5	2728.3	2716.1	2706.3
50°	2737.3	2723.4	2703.9	2691.6	2681.8
50.5°	2711.2	2697.3	2677.8	2665.5	2656.6
51°	2685.1	2671.2	2651.7	2639.4	2629.6
51.5°	2657.4	2643.5	2623.9	2612.5	2603.5
52°	2629.6	2615.8	2596.2	2585.6	2576.6
52.5°	2601.9	2588.0	2568.5	2557.1	2548.9
53°	2571.7	2558.7	2540.7	2530.1	2521.2
53.5°	2541.6	2528.5	2510.6	2500.0	2491.8
54°	2511.4	2498.3	2480.4	2469.8	2462.4
54.5°	2482.0	2468.1	2451.0	2440.4	2433.1
55°	2450.2	2437.2	2420.0	2409.4	2402.1
55.5°	2418.4	2405.3	2388.2	2377.6	2371.1
56°	2385.0	2372.7	2355.6	2346.6	2340.1
56.5°	2351.5	2340.1	2323.0	2314.0	2307.5
57°	2318.9	2306.7	2290.3	2282.2	2275.7
57.5°	2286.3	2273.2	2256.9	2248.7	2242.2
58°	2250.4	2238.1	2222.6	2214.5	2208.8
58.5°	2215.3	2203.9	2187.6	2180.2	2174.5
59°	2180.2	2168.8	2153.3	2146.0	2140.3
59.5°	2143.5	2132.9	2117.4	2110.1	2104.4
60°	2107.6	2096.2	2081.5	2075.0	2069.3
60.5°	2070.9	2061.1	2045.6	2039.1	2033.4
61°	2033.4	2023.6	2008.9	2002.4	1996.7
61.5°	1995.1	1986.9	1972.2	1965.7	1960.8
62°	1957.6	1949.4	1934.7	1929.0	1924.1
62.5°	1919.2	1911.1	1896.4	1890.7	1885.8
63°	1880.9	1872.7	1858.9	1853.2	1848.3
63.5°	1841.7	1833.6	1820.5	1814.8	1809.9
64°	1802.6	1794.4	1780.6	1776.5	1770.8
64.5°	1763.4	1755.3	1741.4	1737.3	1732.4
65°	1723.5	1716.9	1703.9	1699.0	1695.7
65.5°	1684.3	1676.2	1663.9	1659.8	1654.9
66°	1642.7	1636.2	1624.0	1619.9	1616.6





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	1522.0	1514.7	1504.1	1500.0	1495.9
68°	1480.4	1473.9	1463.3	1460.0	1455.9
68.5°	1438.8	1432.3	1421.7	1419.2	1416.8
69°	1397.2	1390.7	1381.7	1379.3	1376.0
69.5°	1356.4	1349.9	1341.7	1339.3	1335.2
70°	1314.8	1309.1	1301.0	1298.5	1294.4
70.5°	1273.2	1267.5	1260.2	1257.7	1253.6
71°	1231.6	1226.7	1220.2	1216.9	1212.9
71.5°	1190.8	1186.0	1178.6	1176.2	1172.9
72°	1149.2	1145.2	1137.8	1136.2	1132.1
72.5°	1107.6	1104.4	1097.0	1095.4	1092.2
73°	1066.1	1062.8	1055.4	1053.8	1051.4
73.5°	1025.3	1022.0	1015.5	1013.0	1010.6
74°	984.5	982.0	975.5	973.9	970.6
74.5°	942.9	941.3	935.5	933.1	930.7
75°	901.3	901.3	895.6	893.9	891.5
75.5°	861.3	861.3	855.6	854.0	851.5
76°	821.4	821.4	815.6	814.1	810.8
76.5°	781.0	781.3	776.5	774.8	772.1
77°	742.3	742.6	738.3	736.1	733.4
77.5°	701.0	702.9	699.3	697.4	694.7
78°	662.4	664.8	661.2	659.6	657.3
78.5°	626.0	627.6	625.2	623.3	620.1
79°	587.9	589.1	587.6	586.0	582.9
79.5°	550.4	552.4	551.4	549.9	546.3
80°	514.4	515.9	516.1	513.9	510.6
80.5°	476.6	479.6	480.1	477.9	476.2
81°	441.6	444.4	445.3	444.0	441.7
81.5°	407.2	410.5	411.2	410.5	407.6
82°	372.7	376.7	378.0	377.4	374.1
82.5°	339.7	344.3	345.6	345.1	342.1
83°	307.7	312.7	313.9	314.4	311.6
83.5°	276.8	281.6	283.1	283.6	280.6
84°	247.1	251.4	253.3	254.2	251.6
84.5°	218.9	222.3	224.7	225.8	224.5
85°	192.3	194.8	197.0	198.4	196.7
85.5°	166.6	168.5	170.1	172.4	171.0
86°	142.6	144.5	145.7	147.5	147.5
86.5°	119.7	120.6	121.5	123.7	123.7
87°	97.9	98.0	98.3	101.0	101.1
87.5°	75.5	76.2	76.5	78.9	79.7
88°	53.3	55.1	55.6	57.8	57.7
88.5°	37.7	37.7	37.6	39.8	40.3



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	1.8	1.7	1.8	1.9	1.7
90.5°	0.6	0.5	0.6	0.7	0.6
91°	0.6	0.5	0.5	0.6	0.5
91.5°	0.7	0.6	0.7	0.5	0.4
92°	0.6	0.6	0.6	0.7	0.6
92.5°	0.7	0.6	0.6	0.7	0.6
93°	0.7	0.7	0.7	0.6	0.5
93.5°	0.7	0.6	0.7	0.7	0.7
94°	0.7	0.7	0.7	0.7	0.8
94.5°	0.7	0.7	0.7	0.7	0.7
95°	0.7	0.6	0.7	0.7	0.8
95.5°	0.7	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	1.0
97.5°	1.0	0.8	0.8	0.7	1.0
98°	1.1	0.9	0.9	0.9	1.1
98.5°	1.1	0.9	0.8	0.8	1.0
99°	1.0	1.0	0.9	0.8	0.9
99.5°	1.1	0.8	1.0	0.9	0.9
100°	1.1	1.0	1.0	1.0	1.1
100.5°	1.1	1.1	1.0	1.1	1.1
101°	1.1	1.0	1.0	1.0	1.0
101.5°	1.2	1.0	1.1	1.1	1.1
102°	1.3	1.1	1.1	1.1	1.1
102.5°	1.1	1.1	1.1	1.1	1.1
103°	1.1	1.0	1.1	1.1	1.1
103.5°	1.2	1.2	1.1	1.1	1.1
104°	1.4	1.2	1.2	1.1	1.1
104.5°	1.2	1.3	1.3	1.3	1.1
105°	1.5	1.3	1.2	1.4	1.4
105.5°	1.4	1.1	1.3	1.2	1.2
106°	1.3	1.3	1.4	1.4	1.5
106.5°	1.5	1.3	1.4	1.3	1.2
107°	1.4	1.4	1.5	1.5	1.3
107.5°	1.5	1.4	1.5	1.5	1.5
108°	1.5	1.4	1.3	1.5	1.4
108.5°	1.5	1.5	1.5	1.5	1.4
109°	1.6	1.5	1.5	1.5	1.6
109.5°	1.7	1.5	1.7	1.6	1.5
110°	1.6	1.6	1.6	1.7	1.6
110.5°	1.7	1.6	1.7	1.7	1.8
111°	1.7	1.8	1.8	1.8	1.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L930-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	2.0	2.0	2.1	2.0	1.9
113°	2.2	2.0	2.0	2.0	2.0
113.5°	2.2	2.2	2.2	2.3	2.3
114°	2.3	2.3	2.4	2.4	2.3
114.5°	2.4	2.4	2.4	2.4	2.2
115°	2.4	2.4	2.4	2.4	2.4
115.5°	2.7	2.4	2.6	2.5	2.4
116°	2.6	2.7	2.7	2.6	2.5
116.5°	2.8	2.8	2.8	2.8	2.7
117°	2.9	2.9	2.9	2.9	2.6
117.5°	3.1	2.9	3.0	2.9	2.8
118°	3.1	3.0	3.2	3.0	2.9
118.5°	3.3	3.2	3.2	3.1	3.0
119°	3.3	3.3	3.4	3.2	3.2
119.5°	3.4	3.4	3.4	3.3	3.3
120°	3.6	3.6	3.5	3.4	3.5
120.5°	3.7	3.5	3.7	3.6	3.5
121°	3.7	3.7	3.7	3.7	3.5
121.5°	4.1	3.9	3.8	3.7	3.7
122°	3.8	4.1	3.9	3.8	3.9
122.5°	4.2	4.1	4.0	4.0	3.8
123°	4.2	4.2	4.1	4.1	4.0
123.5°	4.2	4.4	4.2	4.0	4.2
124°	4.3	4.4	4.3	4.2	4.2
124.5°	4.6	4.4	4.3	4.2	4.2
125°	4.7	4.6	4.5	4.4	4.4
125.5°	4.7	4.6	4.5	4.4	4.5
126°	4.7	4.6	4.5	4.5	4.4
126.5°	4.6	4.6	4.7	4.5	4.6
127°	4.7	4.7	4.6	4.5	4.4
127.5°	4.9	4.8	4.7	4.5	4.4
128°	4.9	4.6	4.6	4.5	4.6
128.5°	4.7	4.7	4.6	4.4	4.6
129°	4.6	4.6	4.6	4.5	4.4
129.5°	4.6	4.6	4.6	4.5	4.5
130°	4.6	4.6	4.5	4.3	4.4
130.5°	4.7	4.6	4.6	4.2	4.4
131°	4.5	4.5	4.5	4.2	4.3
131.5°	4.6	4.4	4.2	4.2	4.2
132°	4.5	4.3	4.3	4.2	4.2
132.5°	4.5	4.3	4.2	4.2	4.2
133°	4.3	4.2	4.2	3.9	4.1
133.5°	4.4	4.2	4.0	3.8	4.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L930-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	4.2	4.0	3.8	3.8	4.1
135.5°	4.0	4.1	3.8	3.7	3.9
136°	3.9	3.8	3.7	3.5	3.9
136.5°	4.0	3.8	3.7	3.5	3.8
137°	3.9	3.8	3.7	3.5	3.8
137.5°	3.8	3.7	3.6	3.3	3.6
138°	3.8	3.6	3.4	3.3	3.6
138.5°	3.8	3.6	3.5	3.3	3.5
139°	3.3	3.5	3.4	3.1	3.6
139.5°	3.6	3.3	3.3	3.2	3.5
140°	3.5	3.3	3.3	3.1	3.3
140.5°	3.5	3.3	3.3	3.1	3.3
141°	3.3	3.3	3.2	2.9	3.1
141.5°	3.1	3.3	3.3	2.9	3.1
142°	3.0	3.0	3.2	3.0	2.9
142.5°	3.0	3.2	3.1	2.9	2.9
143°	3.2	3.1	3.1	3.0	2.9
143.5°	3.2	3.1	3.1	2.9	2.9
144°	3.2	2.9	3.2	2.8	2.9
144.5°	3.0	2.9	3.0	2.9	2.9
145°	3.1	2.9	3.0	2.7	2.9
145.5°	3.0	2.9	2.9	2.7	3.1
146°	3.0	2.9	2.8	2.7	2.9
146.5°	3.1	2.9	2.8	2.7	2.9
147°	3.0	2.9	2.7	2.8	2.8
147.5°	2.9	2.9	2.7	2.8	3.0
148°	3.0	2.9	2.8	2.7	3.0
148.5°	3.1	2.9	2.8	2.7	3.0
149°	3.0	2.9	2.8	2.7	3.0
149.5°	3.2	2.8	2.8	2.7	3.1
150°	3.1	2.9	2.8	2.7	3.0
150.5°	3.0	2.9	2.8	2.8	3.0
151°	3.2	2.9	2.7	2.8	3.2
151.5°	3.1	2.9	2.7	2.8	3.2
152°	3.2	2.9	2.9	2.9	3.0
152.5°	3.2	3.0	2.8	2.9	3.2
153°	3.1	2.9	2.9	3.0	3.3
153.5°	3.3	3.0	2.8	2.9	3.2
154°	3.2	3.0	2.9	2.9	3.2
154.5°	3.2	2.9	2.9	3.1	3.3
155°	3.0	3.0	3.0	3.1	3.3
155.5°	3.2	2.9	2.9	3.0	3.3
156°	3.0	3.0	3.0	3.0	3.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L930-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	3.0	2.9	2.9	3.1	3.2
158°	3.3	3.0	2.9	3.0	3.3
158.5°	3.1	3.0	2.9	3.0	3.2
159°	3.2	3.0	2.9	3.0	3.3
159.5°	3.1	2.9	2.9	3.0	3.4
160°	3.1	3.0	2.9	3.0	3.3
160.5°	3.0	2.9	2.9	3.1	3.3
161°	3.0	2.9	2.9	3.1	3.3
161.5°	3.1	3.0	2.9	2.9	3.1
162°	3.0	2.9	3.0	3.1	3.1
162.5°	3.2	3.1	3.0	3.0	3.2
163°	3.2	3.0	3.1	3.1	3.1
163.5°	3.1	3.0	3.1	3.1	3.3
164°	3.0	3.1	3.0	3.3	3.3
164.5°	2.9	3.2	3.1	3.3	3.3
165°	3.0	3.0	2.9	3.2	3.3
165.5°	2.9	3.0	2.9	3.4	3.3
166°	3.1	3.1	3.0	3.3	3.2
166.5°	3.1	3.0	2.9	3.3	3.0
167°	3.0	3.3	3.0	3.4	3.3
167.5°	3.1	3.3	3.1	3.5	3.3
168°	3.2	3.2	3.0	3.4	3.3
168.5°	3.1	3.3	3.2	3.7	3.3
169°	3.3	3.3	3.0	3.7	3.3
169.5°	3.3	3.3	3.1	3.6	3.4
170°	3.3	3.3	3.2	3.7	3.3
170.5°	3.3	3.4	3.2	3.7	3.5
171°	3.3	3.3	3.3	3.7	3.6
171.5°	3.3	3.3	3.3	3.8	3.4
172°	3.3	3.3	3.4	3.8	3.5
172.5°	3.4	3.4	3.5	3.8	3.5
173°	3.3	3.3	3.5	3.8	3.6
173.5°	3.5	3.4	3.6	3.7	3.7
174°	3.6	3.6	3.8	3.8	3.6
174.5°	3.6	3.8	3.8	3.9	3.8
175°	3.8	3.8	3.8	3.9	3.7
175.5°	3.8	3.8	4.0	3.8	3.8
176°	4.0	3.9	3.8	3.8	3.8
176.5°	4.1	3.8	3.9	3.6	3.8
177°	3.9	3.8	3.7	3.6	3.8
177.5°	4.0	3.8	3.6	3.5	3.8
178°	3.8	3.7	3.5	3.5	3.6
178.5°	3.7	3.6	3.4	3.4	3.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L930-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	3.2	3.2	3.2	3.2	3.2



Report Generated By 670246072 / DESKTOP-MV3F9LC







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







21.5°	3352.3	3348.2	3331.9	3316.4	3309.9
22°	3350.7	3346.6	3329.5	3314.0	3307.4



44°	3000.8	2988.5	2964.1	2949.4	2939.6
44.5°	2982.0	2969.0	2946.1	2930.6	2920.8



66.5°	1602.7	1596.2	1584.0	1579.9	1575.8
67°	1562.8	1555.4	1544.0	1539.9	1536.7



89°	23.8	23.4	23.2	24.4	24.7
89.5°	10.5	10.7	10.4	11.2	11.0



111.5°	2.0	1.8	1.9	1.9	1.8
112°	2.0	1.9	1.9	1.9	2.0





134°	4.2	4.1	4.0	3.9	4.2
134.5°	4.2	4.0	4.0	3.8	3.9



156.5°	3.2	2.9	3.0	3.1	3.2
157°	3.1	2.9	3.0	3.0	3.2



179°	3.5	3.4	3.3	3.3	3.5
179.5°	3.1	3.3	3.2	3.1	3.3



(END OF REPORT)