

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-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-L935-CFR2  
Description: 14000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS  
AND 3500K CCT, 90CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No.   Condition   Description

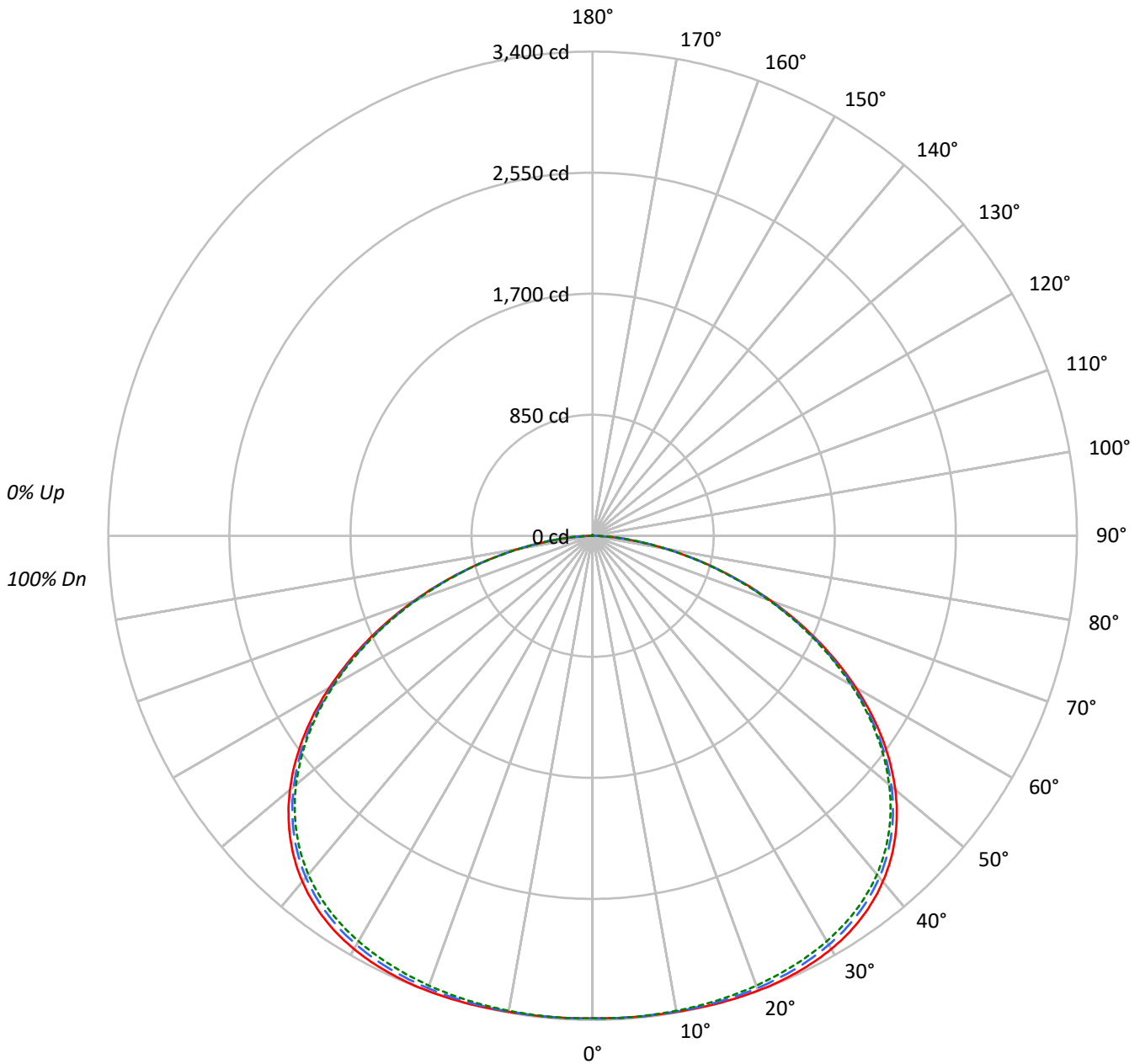
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 12270.0 lumens  
Efficiency: N/A  
Efficacy: 102.3 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 (A<sub>in</sub>): 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°	2419	2419	2419
5°	2431	2431	2430
10°	2461	2459	2455
15°	2512	2506	2497
20°	2582	2568	2554
25°	2667	2646	2625
30°	2762	2734	2710
35°	2861	2828	2803
40°	2954	2918	2894
45°	3031	2994	2969
50°	3081	3043	3018
55°	3090	3052	3029
60°	3049	3012	2994
65°	2950	2916	2903
70°	2781	2752	2738
75°	2519	2503	2492
80°	2143	2150	2127
85°	1596	1635	1632



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	323.8	2.6
10°-20°	960.4	7.8
20°-30°	1552.6	12.7
30°-40°	2033.6	16.6
40°-50°	2287.4	18.6
50°-60°	2188.8	17.8
60°-70°	1707.1	13.9
70°-80°	962.0	7.8
80°-90°	238.1	1.9
90°-100°	0.8	0.0
100°-110°	1.4	0.0
110°-120°	2.5	0.0
120°-130°	3.9	0.0
130°-140°	3.1	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°	2836.8	23.1
0°-40°	4870.4	39.7
0°-60°	9346.6	76.2
0°-90°	12253.8	99.9
90°-120°	4.7	0.0
90°-150°	13.6	0.1
90°-180°	16.0	0.1
0°-180°	12270.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3389	3389	3389	3389	3389	
5°	3392	3393	3392	3392	3391	324
15°	3399	3398	3390	3383	3379	963
25°	3385	3380	3359	3340	3332	1565
35°	3283	3272	3245	3225	3216	2055
45°	3003	2989	2966	2951	2941	2313
55°	2483	2470	2452	2442	2434	2213
65°	1746	1740	1726	1722	1718	1724
75°	913	913	908	906	903	968
85°	195	197	200	201	199	226
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°	3388.6	3388.6	3388.6	3388.6	3388.6
0.5°	3387.8	3390.3	3391.1	3390.3	3388.6
1°	3388.6	3390.3	3391.1	3391.1	3389.4
1.5°	3389.4	3391.1	3391.1	3391.1	3390.3
2°	3389.4	3391.1	3391.1	3391.9	3390.3
2.5°	3390.3	3391.9	3391.9	3391.9	3390.3
3°	3391.1	3391.9	3391.9	3391.9	3391.1
3.5°	3391.1	3391.9	3391.9	3391.9	3391.1
4°	3391.9	3391.9	3391.9	3391.9	3391.1
4.5°	3391.9	3392.8	3391.9	3391.9	3391.1
5°	3391.9	3392.8	3391.9	3391.9	3391.1
5.5°	3391.9	3392.8	3391.9	3391.9	3391.1
6°	3392.8	3392.8	3391.9	3391.9	3390.3
6.5°	3392.8	3393.6	3392.8	3391.9	3390.3
7°	3392.8	3393.6	3391.9	3391.9	3390.3
7.5°	3392.8	3393.6	3391.9	3391.1	3389.4
8°	3393.6	3393.6	3392.8	3391.1	3389.4
8.5°	3393.6	3394.4	3391.9	3391.1	3388.6
9°	3394.4	3394.4	3392.8	3390.3	3388.6
9.5°	3394.4	3395.2	3391.9	3390.3	3387.8
10°	3395.2	3395.2	3391.9	3389.4	3387.0
10.5°	3396.1	3396.1	3391.9	3389.4	3387.0
11°	3396.1	3396.1	3391.9	3388.6	3386.1
11.5°	3396.9	3396.9	3391.9	3387.8	3385.3
12°	3396.9	3396.9	3391.9	3387.8	3384.5
12.5°	3397.7	3396.9	3391.1	3387.0	3383.7
13°	3397.7	3396.9	3391.1	3386.1	3382.8
13.5°	3398.5	3397.7	3391.1	3385.3	3382.0
14°	3398.5	3397.7	3391.1	3384.5	3380.4
14.5°	3399.4	3397.7	3390.3	3383.7	3379.5
15°	3399.4	3398.5	3390.3	3382.8	3378.7
15.5°	3400.2	3398.5	3389.4	3381.2	3377.0
16°	3399.4	3398.5	3388.6	3380.4	3375.4
16.5°	3400.2	3398.5	3388.6	3378.7	3373.7
17°	3400.2	3397.7	3387.8	3377.0	3372.9
17.5°	3400.2	3397.7	3386.1	3376.2	3371.3
18°	3400.2	3397.7	3385.3	3374.6	3368.8
18.5°	3400.2	3396.9	3384.5	3372.9	3367.1
19°	3399.4	3396.9	3383.7	3371.3	3365.5
19.5°	3399.4	3396.1	3382.0	3368.8	3363.0
20°	3398.5	3395.2	3380.4	3367.1	3361.3
20.5°	3397.7	3394.4	3379.5	3365.5	3358.9
21°	3397.7	3393.6	3377.9	3363.0	3356.4



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	3394.4	3389.4	3372.1	3355.6	3348.1
23°	3392.8	3387.8	3369.6	3353.1	3345.6
23.5°	3391.1	3386.1	3367.1	3349.8	3342.3
24°	3389.4	3384.5	3364.6	3346.5	3339.0
24.5°	3387.8	3382.0	3362.2	3343.2	3335.7
25°	3385.3	3379.5	3358.9	3339.9	3332.4
25.5°	3382.8	3377.0	3355.6	3336.5	3328.3
26°	3380.4	3374.6	3352.3	3333.2	3325.0
26.5°	3377.9	3371.3	3348.9	3329.1	3320.8
27°	3374.6	3368.0	3344.8	3325.0	3316.7
27.5°	3371.3	3364.6	3340.7	3320.8	3312.6
28°	3368.0	3360.5	3336.5	3316.7	3308.4
28.5°	3363.8	3356.4	3332.4	3311.8	3303.5
29°	3359.7	3352.3	3327.5	3306.8	3298.5
29.5°	3355.6	3347.3	3322.5	3301.8	3292.7
30°	3350.6	3342.3	3316.7	3296.1	3287.0
30.5°	3345.6	3337.4	3310.9	3290.3	3282.0
31°	3339.9	3331.6	3305.1	3284.5	3275.4
31.5°	3334.9	3325.8	3298.5	3278.7	3269.6
32°	3328.3	3319.2	3292.7	3272.1	3263.0
32.5°	3321.7	3312.6	3285.3	3264.6	3255.6
33°	3315.1	3305.1	3277.9	3258.0	3248.1
33.5°	3307.6	3297.7	3270.4	3250.6	3240.7
34°	3299.4	3289.4	3262.2	3242.3	3233.2
34.5°	3291.1	3281.2	3253.9	3234.1	3225.0
35°	3282.8	3272.1	3244.8	3225.0	3215.9
35.5°	3273.7	3263.0	3235.7	3215.9	3206.8
36°	3264.6	3253.1	3225.8	3206.8	3196.9
36.5°	3253.9	3243.2	3215.9	3196.9	3187.8
37°	3243.2	3232.4	3205.1	3186.1	3177.0
37.5°	3232.4	3220.8	3194.4	3175.4	3165.5
38°	3220.8	3210.1	3182.8	3164.6	3154.7
38.5°	3209.3	3197.7	3170.4	3152.2	3143.1
39°	3196.9	3184.5	3158.0	3140.7	3130.8
39.5°	3183.6	3171.3	3145.6	3127.4	3118.4
40°	3169.6	3158.0	3131.6	3114.2	3105.1
40.5°	3156.4	3144.0	3117.5	3101.0	3091.1
41°	3141.5	3129.1	3103.5	3086.1	3076.2
41.5°	3125.8	3113.4	3087.8	3071.2	3061.3
42°	3110.1	3097.7	3072.1	3056.4	3045.6
42.5°	3093.6	3081.2	3055.5	3039.8	3029.9
43°	3077.0	3063.8	3039.0	3023.3	3013.4
43.5°	3059.7	3046.4	3021.7	3006.0	2996.0



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	3002.6	2989.4	2965.5	2951.4	2940.7
45.5°	2982.8	2968.8	2945.6	2931.6	2921.6
46°	2962.1	2948.1	2925.0	2910.9	2901.0
46.5°	2940.7	2926.6	2904.3	2890.2	2880.3
47°	2918.3	2905.1	2882.0	2869.6	2858.8
47.5°	2896.0	2882.0	2859.7	2847.3	2836.5
48°	2873.7	2858.8	2837.3	2824.1	2813.4
48.5°	2849.7	2835.7	2814.2	2801.8	2791.9
49°	2824.1	2810.9	2789.4	2776.2	2767.1
49.5°	2799.3	2786.1	2764.6	2752.2	2742.3
50°	2773.7	2759.7	2739.8	2727.4	2717.5
50.5°	2747.3	2733.2	2713.4	2701.0	2691.9
51°	2720.8	2706.8	2686.9	2674.5	2664.6
51.5°	2692.7	2678.7	2658.8	2647.3	2638.2
52°	2664.6	2650.6	2630.7	2620.0	2610.9
52.5°	2636.5	2622.5	2602.6	2591.1	2582.8
53°	2605.9	2592.7	2574.5	2563.8	2554.7
53.5°	2575.3	2562.1	2543.9	2533.2	2524.9
54°	2544.8	2531.5	2513.4	2502.6	2495.2
54.5°	2515.0	2501.0	2483.6	2472.9	2465.4
55°	2482.8	2469.6	2452.2	2441.5	2434.0
55.5°	2450.5	2437.3	2420.0	2409.2	2402.6
56°	2416.7	2404.3	2386.9	2377.8	2371.2
56.5°	2382.8	2371.2	2353.8	2344.8	2338.1
57°	2349.7	2337.3	2320.8	2312.5	2305.9
57.5°	2316.7	2303.4	2286.9	2278.6	2272.0
58°	2280.3	2267.9	2252.2	2243.9	2238.1
58.5°	2244.8	2233.2	2216.7	2209.2	2203.4
59°	2209.2	2197.6	2181.9	2174.5	2168.7
59.5°	2172.0	2161.3	2145.6	2138.1	2132.3
60°	2135.7	2124.1	2109.2	2102.6	2096.8
60.5°	2098.5	2088.5	2072.8	2066.2	2060.4
61°	2060.4	2050.5	2035.7	2029.0	2023.3
61.5°	2021.6	2013.3	1998.5	1991.8	1986.9
62°	1983.6	1975.3	1960.4	1954.7	1949.7
62.5°	1944.7	1936.5	1921.6	1915.8	1910.8
63°	1905.9	1897.6	1883.6	1877.8	1872.8
63.5°	1866.2	1858.0	1844.7	1838.9	1834.0
64°	1826.5	1818.3	1804.2	1800.1	1794.3
64.5°	1786.9	1778.6	1764.6	1760.4	1755.5
65°	1746.4	1739.8	1726.5	1721.6	1718.3
65.5°	1706.7	1698.4	1686.0	1681.9	1677.0
66°	1664.6	1657.9	1645.5	1641.4	1638.1





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	1542.2	1534.8	1524.1	1519.9	1515.8
68°	1500.1	1493.5	1482.7	1479.4	1475.3
68.5°	1457.9	1451.3	1440.6	1438.1	1435.6
69°	1415.8	1409.2	1400.1	1397.6	1394.3
69.5°	1374.5	1367.8	1359.6	1357.1	1353.0
70°	1332.3	1326.5	1318.3	1315.8	1311.6
70.5°	1290.2	1284.4	1276.9	1274.5	1270.3
71°	1248.0	1243.0	1236.4	1233.1	1229.0
71.5°	1206.7	1201.7	1194.3	1191.8	1188.5
72°	1164.5	1160.4	1153.0	1151.3	1147.2
72.5°	1122.4	1119.1	1111.6	1110.0	1106.7
73°	1080.2	1076.9	1069.5	1067.8	1065.3
73.5°	1038.9	1035.6	1029.0	1026.5	1024.0
74°	997.6	995.1	988.5	986.8	983.5
74.5°	955.4	953.8	948.0	945.5	943.0
75°	913.3	913.3	907.5	905.8	903.4
75.5°	872.8	872.8	867.0	865.3	862.9
76°	832.3	832.3	826.5	824.9	821.6
76.5°	791.4	791.7	786.8	785.1	782.4
77°	752.2	752.5	748.1	745.9	743.2
77.5°	710.3	712.3	708.6	706.7	703.9
78°	671.2	673.7	670.0	668.4	666.1
78.5°	634.3	635.9	633.5	631.6	628.4
79°	595.7	597.0	595.4	593.8	590.6
79.5°	557.7	559.8	558.7	557.2	553.6
80°	521.3	522.8	523.0	520.8	517.4
80.5°	482.9	486.0	486.5	484.2	482.5
81°	447.5	450.4	451.2	449.9	447.5
81.5°	412.6	416.0	416.7	416.0	413.0
82°	377.6	381.8	383.0	382.4	379.1
82.5°	344.2	348.9	350.2	349.7	346.6
83°	311.8	316.9	318.1	318.5	315.7
83.5°	280.5	285.3	286.9	287.4	284.3
84°	250.4	254.7	256.7	257.5	255.0
84.5°	221.8	225.3	227.7	228.8	227.5
85°	194.9	197.4	199.6	201.1	199.3
85.5°	168.8	170.8	172.4	174.7	173.3
86°	144.5	146.5	147.6	149.4	149.4
86.5°	121.3	122.2	123.1	125.3	125.3
87°	99.2	99.3	99.6	102.3	102.4
87.5°	76.5	77.2	77.5	79.9	80.7
88°	54.0	55.9	56.4	58.6	58.4
88.5°	38.2	38.2	38.1	40.3	40.8



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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°	1.2	1.0	1.0	1.0	1.0
101.5°	1.2	1.0	1.1	1.1	1.2
102°	1.3	1.1	1.2	1.1	1.2
102.5°	1.2	1.1	1.1	1.2	1.2
103°	1.2	1.0	1.2	1.1	1.2
103.5°	1.2	1.2	1.2	1.2	1.1
104°	1.4	1.2	1.2	1.2	1.1
104.5°	1.2	1.3	1.3	1.3	1.2
105°	1.5	1.3	1.2	1.4	1.4
105.5°	1.4	1.2	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°	1.6	1.4	1.5	1.6	1.5
108°	1.6	1.4	1.3	1.6	1.4
108.5°	1.6	1.6	1.6	1.5	1.4
109°	1.7	1.6	1.6	1.6	1.7
109.5°	1.7	1.5	1.7	1.7	1.5
110°	1.7	1.7	1.7	1.7	1.7
110.5°	1.7	1.7	1.7	1.7	1.8
111°	1.7	1.8	1.8	1.8	1.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L935-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	2.0	2.1	2.1	2.1	1.9
113°	2.2	2.0	2.0	2.1	2.1
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°	2.5	2.5	2.4	2.4	2.2
115°	2.5	2.5	2.4	2.5	2.4
115.5°	2.7	2.5	2.6	2.6	2.4
116°	2.6	2.7	2.7	2.6	2.6
116.5°	2.8	2.8	2.8	2.8	2.7
117°	3.0	3.0	3.0	3.0	2.6
117.5°	3.1	3.0	3.1	3.0	2.8
118°	3.1	3.1	3.2	3.1	2.9
118.5°	3.4	3.2	3.2	3.1	3.1
119°	3.4	3.4	3.5	3.2	3.2
119.5°	3.5	3.5	3.5	3.4	3.3
120°	3.6	3.6	3.6	3.5	3.6
120.5°	3.7	3.6	3.7	3.6	3.6
121°	3.7	3.7	3.7	3.7	3.6
121.5°	4.1	4.0	3.9	3.7	3.7
122°	3.9	4.1	4.0	3.9	4.0
122.5°	4.2	4.1	4.0	4.0	3.9
123°	4.3	4.3	4.1	4.1	4.0
123.5°	4.3	4.5	4.2	4.0	4.2
124°	4.4	4.5	4.4	4.2	4.2
124.5°	4.6	4.5	4.4	4.3	4.3
125°	4.8	4.6	4.5	4.5	4.5
125.5°	4.8	4.7	4.5	4.5	4.5
126°	4.8	4.6	4.5	4.5	4.5
126.5°	4.6	4.7	4.8	4.5	4.6
127°	4.8	4.8	4.6	4.5	4.5
127.5°	5.0	4.9	4.8	4.5	4.5
128°	5.0	4.7	4.7	4.5	4.6
128.5°	4.8	4.8	4.6	4.5	4.6
129°	4.7	4.7	4.6	4.5	4.5
129.5°	4.6	4.7	4.6	4.5	4.5
130°	4.6	4.7	4.5	4.4	4.5
130.5°	4.8	4.6	4.6	4.2	4.5
131°	4.5	4.5	4.5	4.3	4.4
131.5°	4.6	4.5	4.3	4.2	4.3
132°	4.5	4.4	4.4	4.2	4.2
132.5°	4.5	4.4	4.3	4.2	4.3
133°	4.4	4.2	4.2	4.0	4.1
133.5°	4.5	4.2	4.0	3.9	4.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L935-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	4.3	4.0	3.9	3.8	4.1
135.5°	4.0	4.1	3.9	3.7	4.0
136°	4.0	3.9	3.7	3.6	4.0
136.5°	4.0	3.9	3.7	3.6	3.9
137°	4.0	3.8	3.7	3.6	3.8
137.5°	3.9	3.7	3.6	3.4	3.6
138°	3.8	3.6	3.5	3.4	3.6
138.5°	3.9	3.6	3.6	3.3	3.6
139°	3.4	3.6	3.5	3.1	3.6
139.5°	3.6	3.4	3.3	3.2	3.6
140°	3.6	3.3	3.4	3.1	3.3
140.5°	3.6	3.3	3.3	3.1	3.3
141°	3.4	3.3	3.2	3.0	3.1
141.5°	3.1	3.3	3.3	3.0	3.1
142°	3.1	3.1	3.2	3.1	2.9
142.5°	3.1	3.2	3.1	3.0	2.9
143°	3.2	3.1	3.1	3.1	2.9
143.5°	3.2	3.1	3.1	2.9	2.9
144°	3.2	3.0	3.2	2.8	3.0
144.5°	3.1	3.0	3.1	2.9	3.0
145°	3.1	3.0	3.1	2.7	3.0
145.5°	3.1	2.9	3.0	2.7	3.1
146°	3.1	2.9	2.8	2.7	3.0
146.5°	3.1	2.9	2.8	2.7	3.0
147°	3.1	2.9	2.7	2.8	2.8
147.5°	3.0	2.9	2.7	2.8	3.1
148°	3.1	2.9	2.8	2.7	3.1
148.5°	3.1	3.0	2.8	2.7	3.1
149°	3.1	2.9	2.8	2.7	3.1
149.5°	3.2	2.8	2.8	2.7	3.1
150°	3.1	3.0	2.8	2.7	3.1
150.5°	3.1	2.9	2.8	2.8	3.1
151°	3.2	2.9	2.7	2.8	3.2
151.5°	3.1	3.0	2.7	2.8	3.2
152°	3.2	3.0	2.9	3.0	3.1
152.5°	3.2	3.1	2.8	2.9	3.2
153°	3.1	3.0	2.9	3.1	3.3
153.5°	3.4	3.1	2.8	3.0	3.2
154°	3.2	3.1	3.0	3.0	3.2
154.5°	3.2	3.0	3.0	3.1	3.3
155°	3.1	3.1	3.1	3.1	3.4
155.5°	3.2	3.0	3.0	3.1	3.3
156°	3.1	3.1	3.1	3.1	3.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L935-CFR2

**CANDELA DISTRIBUTION (continued):**

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L935-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°	3396.9	3392.8	3376.2	3360.5	3353.9
22°	3395.2	3391.1	3373.7	3358.0	3351.4



44°	3040.7	3028.3	3003.5	2988.6	2978.7
44.5°	3021.7	3008.4	2985.3	2969.6	2959.7



66.5°	1624.1	1617.4	1605.0	1600.9	1596.8
67°	1583.6	1576.1	1564.5	1560.4	1557.1



89°	24.1	23.7	23.5	24.7	25.0
89.5°	10.7	10.8	10.6	11.3	11.2



111.5°	2.1	1.8	1.9	1.9	1.8
112°	2.1	1.9	1.9	1.9	2.1





134°	4.2	4.1	4.0	4.0	4.2
134.5°	4.3	4.0	4.0	3.8	4.0



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



179°	3.6	3.5	3.3	3.4	3.6
179.5°	3.1	3.3	3.2	3.1	3.4



(END OF REPORT)