

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-120-L835-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-120-L835-CFD2  
Description: 12000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS  
AND 3500K CCT, 80CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No. Condition Description

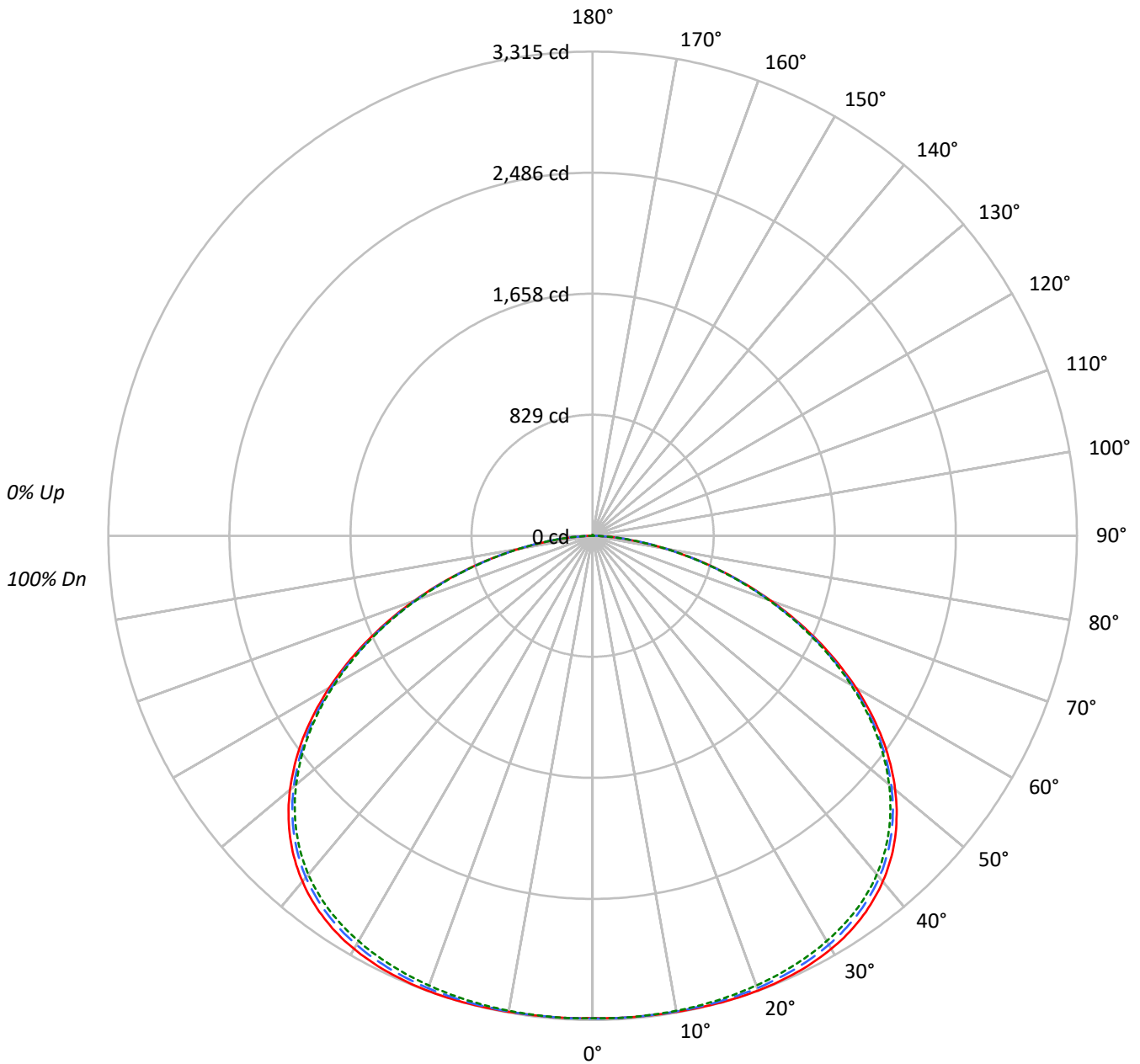
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11961.0 lumens  
Efficiency: N/A  
Efficacy: 125.1 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): 95.6  
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°	2358	2358	2358
5°	2361	2357	2360
10°	2381	2372	2375
15°	2421	2403	2407
20°	2478	2449	2451
25°	2548	2508	2509
30°	2627	2575	2577
35°	2708	2644	2652
40°	2779	2707	2723
45°	2833	2752	2775
50°	2857	2766	2799
55°	2838	2738	2783
60°	2767	2656	2716
65°	2633	2516	2591
70°	2425	2299	2387
75°	2117	1989	2094
80°	1680	1559	1668
85°	1044	941	1068



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	315.6	2.6
10°-20°	936.2	7.8
20°-30°	1513.5	12.7
30°-40°	1982.4	16.6
40°-50°	2229.8	18.6
50°-60°	2133.7	17.8
60°-70°	1664.1	13.9
70°-80°	937.8	7.8
80°-90°	232.1	1.9
90°-100°	0.8	0.0
100°-110°	1.3	0.0
110°-120°	2.4	0.0
120°-130°	3.8	0.0
130°-140°	3.0	0.0
140°-150°	1.8	0.0
150°-160°	1.4	0.0
160°-170°	0.9	0.0
170°-180°	0.3	0.0
0°-30°	2765.4	23.1
0°-40°	4747.7	39.7
0°-60°	9111.2	76.2
0°-90°	11945.2	99.9
90°-120°	4.6	0.0
90°-150°	13.2	0.1
90°-180°	16.0	0.1
0°-180°	11961.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3303	3303	3303	3303	3303	
5°	3306	3307	3306	3306	3306	316
15°	3314	3313	3305	3298	3294	939
25°	3300	3294	3274	3256	3248	1525
35°	3200	3190	3163	3144	3135	2003
45°	2927	2914	2891	2877	2867	2255
55°	2420	2407	2390	2380	2373	2157
65°	1702	1696	1683	1678	1675	1681
75°	890	890	885	883	881	944
85°	190	192	195	196	194	220
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	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°	3303.3	3303.3	3303.3	3303.3	3303.3
0.5°	3302.5	3304.9	3305.7	3304.9	3303.3
1°	3303.3	3304.9	3305.7	3305.7	3304.1
1.5°	3304.1	3305.7	3305.7	3305.7	3304.9
2°	3304.1	3305.7	3305.7	3306.5	3304.9
2.5°	3304.9	3306.5	3306.5	3306.5	3304.9
3°	3305.7	3306.5	3306.5	3306.5	3305.7
3.5°	3305.7	3306.5	3306.5	3306.5	3305.7
4°	3306.5	3306.5	3306.5	3306.5	3305.7
4.5°	3306.5	3307.3	3306.5	3306.5	3305.7
5°	3306.5	3307.3	3306.5	3306.5	3305.7
5.5°	3306.5	3307.3	3306.5	3306.5	3305.7
6°	3307.3	3307.3	3306.5	3306.5	3304.9
6.5°	3307.3	3308.1	3307.3	3306.5	3304.9
7°	3307.3	3308.1	3306.5	3306.5	3304.9
7.5°	3307.3	3308.1	3306.5	3305.7	3304.1
8°	3308.1	3308.1	3307.3	3305.7	3304.1
8.5°	3308.1	3308.9	3306.5	3305.7	3303.3
9°	3308.9	3308.9	3307.3	3304.9	3303.3
9.5°	3308.9	3309.7	3306.5	3304.9	3302.5
10°	3309.7	3309.7	3306.5	3304.1	3301.7
10.5°	3310.5	3310.5	3306.5	3304.1	3301.7
11°	3310.5	3310.5	3306.5	3303.3	3300.9
11.5°	3311.3	3311.3	3306.5	3302.5	3300.1
12°	3311.3	3311.3	3306.5	3302.5	3299.3
12.5°	3312.1	3311.3	3305.7	3301.7	3298.4
13°	3312.1	3311.3	3305.7	3300.9	3297.6
13.5°	3312.9	3312.1	3305.7	3300.1	3296.8
14°	3312.9	3312.1	3305.7	3299.3	3295.2
14.5°	3313.8	3312.1	3304.9	3298.4	3294.4
15°	3313.8	3312.9	3304.9	3297.6	3293.6
15.5°	3314.6	3312.9	3304.1	3296.0	3292.0
16°	3313.8	3312.9	3303.3	3295.2	3290.4
16.5°	3314.6	3312.9	3303.3	3293.6	3288.8
17°	3314.6	3312.1	3302.5	3292.0	3288.0
17.5°	3314.6	3312.1	3300.9	3291.2	3286.4
18°	3314.6	3312.1	3300.1	3289.6	3283.9
18.5°	3314.6	3311.3	3299.3	3288.0	3282.3
19°	3313.8	3311.3	3298.4	3286.4	3280.7
19.5°	3313.8	3310.5	3296.8	3283.9	3278.3
20°	3312.9	3309.7	3295.2	3282.3	3276.7
20.5°	3312.1	3308.9	3294.4	3280.7	3274.3
21°	3312.1	3308.1	3292.8	3278.3	3271.9



TEST NUMBER: P#

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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	3308.9	3304.1	3287.2	3271.1	3263.8
23°	3307.3	3302.5	3284.8	3268.6	3261.4
23.5°	3305.7	3300.9	3282.3	3265.4	3258.2
24°	3304.1	3299.3	3279.9	3262.2	3254.9
24.5°	3302.5	3296.8	3277.5	3259.0	3251.7
25°	3300.1	3294.4	3274.3	3255.7	3248.5
25.5°	3297.6	3292.0	3271.1	3252.5	3244.5
26°	3295.2	3289.6	3267.8	3249.3	3241.2
26.5°	3292.8	3286.4	3264.6	3245.3	3237.2
27°	3289.6	3283.1	3260.6	3241.2	3233.2
27.5°	3286.4	3279.9	3256.6	3237.2	3229.2
28°	3283.1	3275.9	3252.5	3233.2	3225.1
28.5°	3279.1	3271.9	3248.5	3228.4	3220.3
29°	3275.1	3267.8	3243.7	3223.5	3215.5
29.5°	3271.1	3263.0	3238.8	3218.7	3209.8
30°	3266.2	3258.2	3233.2	3213.0	3204.2
30.5°	3261.4	3253.3	3227.5	3207.4	3199.3
31°	3255.7	3247.7	3221.9	3201.8	3192.9
31.5°	3250.9	3242.0	3215.5	3196.1	3187.3
32°	3244.5	3235.6	3209.8	3189.7	3180.8
32.5°	3238.0	3229.2	3202.6	3182.4	3173.6
33°	3231.6	3221.9	3195.3	3176.0	3166.3
33.5°	3224.3	3214.7	3188.1	3168.7	3159.1
34°	3216.3	3206.6	3180.0	3160.7	3151.8
34.5°	3208.2	3198.5	3172.0	3152.6	3143.8
35°	3200.2	3189.7	3163.1	3143.8	3134.9
35.5°	3191.3	3180.8	3154.2	3134.9	3126.0
36°	3182.4	3171.1	3144.6	3126.0	3116.4
36.5°	3172.0	3161.5	3134.9	3116.4	3107.5
37°	3161.5	3151.0	3124.4	3105.9	3097.0
37.5°	3151.0	3139.7	3113.9	3095.4	3085.7
38°	3139.7	3129.3	3102.7	3084.9	3075.3
38.5°	3128.4	3117.2	3090.6	3072.9	3064.0
39°	3116.4	3104.3	3078.5	3061.6	3051.9
39.5°	3103.5	3091.4	3066.4	3048.7	3039.8
40°	3089.8	3078.5	3052.7	3035.8	3026.9
40.5°	3076.9	3064.8	3039.0	3022.9	3013.2
41°	3062.4	3050.3	3025.3	3008.4	2998.7
41.5°	3047.1	3035.0	3010.0	2993.9	2984.2
42°	3031.8	3019.7	2994.7	2979.4	2968.9
42.5°	3015.7	3003.6	2978.6	2963.3	2953.6
43°	2999.5	2986.6	2962.5	2947.2	2937.5
43.5°	2982.6	2969.7	2945.6	2930.3	2920.6



TEST NUMBER: P#

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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	2927.0	2914.1	2890.8	2877.1	2866.6
45.5°	2907.7	2894.0	2871.4	2857.7	2848.1
46°	2887.6	2873.9	2851.3	2837.6	2827.9
46.5°	2866.6	2852.9	2831.2	2817.5	2807.8
47°	2844.8	2832.0	2809.4	2797.3	2786.8
47.5°	2823.1	2809.4	2787.6	2775.6	2765.1
48°	2801.3	2786.8	2765.9	2753.0	2742.5
48.5°	2778.0	2764.3	2743.3	2731.2	2721.6
49°	2753.0	2740.1	2719.2	2706.3	2697.4
49.5°	2728.8	2715.9	2695.0	2682.9	2673.2
50°	2703.9	2690.2	2670.8	2658.7	2649.1
50.5°	2678.1	2664.4	2645.0	2633.0	2624.1
51°	2652.3	2638.6	2619.3	2607.2	2597.5
51.5°	2624.9	2611.2	2591.9	2580.6	2571.7
52°	2597.5	2583.8	2564.5	2554.0	2545.1
52.5°	2570.1	2556.4	2537.1	2525.8	2517.7
53°	2540.3	2527.4	2509.7	2499.2	2490.4
53.5°	2510.5	2497.6	2479.9	2469.4	2461.3
54°	2480.7	2467.8	2450.1	2439.6	2432.3
54.5°	2451.7	2438.0	2421.1	2410.6	2403.3
55°	2420.3	2407.4	2390.4	2380.0	2372.7
55.5°	2388.8	2375.9	2359.0	2348.6	2342.1
56°	2355.8	2343.7	2326.8	2317.9	2311.5
56.5°	2322.8	2311.5	2294.6	2285.7	2279.3
57°	2290.5	2278.5	2262.3	2254.3	2247.8
57.5°	2258.3	2245.4	2229.3	2221.3	2214.8
58°	2222.9	2210.8	2195.5	2187.4	2181.8
58.5°	2188.2	2176.9	2160.8	2153.6	2147.9
59°	2153.6	2142.3	2127.0	2119.7	2114.1
59.5°	2117.3	2106.8	2091.5	2084.3	2078.6
60°	2081.9	2070.6	2056.1	2049.6	2044.0
60.5°	2045.6	2035.9	2020.6	2014.2	2008.6
61°	2008.6	1998.9	1984.4	1977.9	1972.3
61.5°	1970.7	1962.6	1948.1	1941.7	1936.9
62°	1933.6	1925.6	1911.1	1905.4	1900.6
62.5°	1895.8	1887.7	1873.2	1867.6	1862.7
63°	1857.9	1849.8	1836.1	1830.5	1825.7
63.5°	1819.2	1811.2	1798.3	1792.6	1787.8
64°	1780.5	1772.5	1758.8	1754.8	1749.1
64.5°	1741.9	1733.8	1720.1	1716.1	1711.3
65°	1702.4	1696.0	1683.1	1678.2	1675.0
65.5°	1663.7	1655.7	1643.6	1639.6	1634.7
66°	1622.6	1616.2	1604.1	1600.1	1596.9





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	1503.4	1496.1	1485.7	1481.6	1477.6
68°	1462.3	1455.9	1445.4	1442.2	1438.1
68.5°	1421.2	1414.8	1404.3	1401.9	1399.5
69°	1380.1	1373.7	1364.8	1362.4	1359.2
69.5°	1339.8	1333.4	1325.3	1322.9	1318.9
70°	1298.8	1293.1	1285.1	1282.6	1278.6
70.5°	1257.7	1252.0	1244.8	1242.4	1238.3
71°	1216.6	1211.7	1205.3	1202.1	1198.0
71.5°	1176.3	1171.5	1164.2	1161.8	1158.6
72°	1135.2	1131.2	1123.9	1122.3	1118.3
72.5°	1094.1	1090.9	1083.6	1082.0	1078.8
73°	1053.0	1049.8	1042.5	1040.9	1038.5
73.5°	1012.7	1009.5	1003.1	1000.7	998.2
74°	972.5	970.0	963.6	962.0	958.8
74.5°	931.4	929.8	924.1	921.7	919.3
75°	890.3	890.3	884.6	883.0	880.6
75.5°	850.8	850.8	845.2	843.5	841.1
76°	811.3	811.3	805.7	804.1	800.9
76.5°	771.4	771.8	767.0	765.3	762.7
77°	733.2	733.6	729.3	727.1	724.5
77.5°	692.4	694.3	690.8	688.9	686.2
78°	654.3	656.7	653.1	651.6	649.3
78.5°	618.4	619.9	617.6	615.7	612.6
79°	580.7	581.9	580.4	578.8	575.7
79.5°	543.7	545.7	544.6	543.2	539.6
80°	508.1	509.6	509.8	507.7	504.4
80.5°	470.8	473.7	474.2	472.0	470.4
81°	436.2	439.0	439.8	438.5	436.3
81.5°	402.2	405.5	406.2	405.5	402.6
82°	368.1	372.1	373.4	372.8	369.6
82.5°	335.6	340.1	341.4	340.9	337.9
83°	304.0	308.9	310.1	310.5	307.8
83.5°	273.4	278.1	279.7	280.1	277.2
84°	244.1	248.3	250.2	251.0	248.6
84.5°	216.2	219.6	222.0	223.0	221.8
85°	190.0	192.4	194.6	196.0	194.3
85.5°	164.5	166.5	168.1	170.3	169.0
86°	140.8	142.8	143.9	145.7	145.7
86.5°	118.3	119.2	120.0	122.1	122.1
87°	96.7	96.8	97.1	99.7	99.8
87.5°	74.6	75.3	75.6	77.9	78.7
88°	52.6	54.5	54.9	57.1	57.0
88.5°	37.2	37.2	37.1	39.3	39.8



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L835-CFD2

**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	0.6	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	1.0
97.5°	1.0	0.8	0.8	0.7	1.0
98°	1.0	0.9	0.9	0.9	1.0
98.5°	1.0	0.9	0.8	0.8	1.0
99°	1.0	1.0	0.9	0.8	0.9
99.5°	1.0	0.8	1.0	0.9	0.9
100°	1.0	1.0	1.0	1.0	1.0
100.5°	1.0	1.0	1.0	1.0	1.0
101°	1.1	1.0	1.0	1.0	1.0
101.5°	1.2	1.0	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	1.0	1.1	1.0	1.1
103.5°	1.2	1.2	1.1	1.1	1.0
104°	1.4	1.2	1.2	1.1	1.0
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-120-L835-CFD2

**CANDELA DISTRIBUTION (continued):**

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L835-CFD2

**CANDELA DISTRIBUTION (continued):**

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L835-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	3.0	2.8	2.9	3.1	3.1
158°	3.2	3.0	2.9	3.0	3.2
158.5°	3.1	3.0	2.8	3.0	3.1
159°	3.1	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	2.8	3.0	3.2
160.5°	3.0	2.9	2.9	3.1	3.2
161°	3.0	2.9	2.9	3.1	3.2
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°	3.1	3.1	3.0	3.0	3.1
163°	3.1	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	3.2	3.2
164.5°	2.9	3.1	3.1	3.2	3.3
165°	3.0	3.0	2.9	3.1	3.2
165.5°	2.8	3.0	2.9	3.4	3.2
166°	3.1	3.1	3.0	3.2	3.1
166.5°	3.1	3.0	2.9	3.3	3.0
167°	3.0	3.2	3.0	3.4	3.3
167.5°	3.1	3.2	3.1	3.5	3.3
168°	3.1	3.1	3.0	3.4	3.2
168.5°	3.1	3.3	3.1	3.6	3.3
169°	3.3	3.2	3.0	3.6	3.3
169.5°	3.2	3.2	3.1	3.5	3.4
170°	3.3	3.2	3.1	3.6	3.3
170.5°	3.3	3.4	3.1	3.6	3.5
171°	3.3	3.3	3.3	3.6	3.5
171.5°	3.2	3.3	3.3	3.7	3.4
172°	3.2	3.3	3.4	3.7	3.5
172.5°	3.4	3.4	3.5	3.7	3.5
173°	3.2	3.2	3.5	3.7	3.5
173.5°	3.5	3.4	3.5	3.6	3.6
174°	3.5	3.5	3.8	3.7	3.5
174.5°	3.5	3.7	3.7	3.9	3.7
175°	3.8	3.7	3.8	3.9	3.6
175.5°	3.8	3.7	3.9	3.8	3.8
176°	3.9	3.9	3.8	3.7	3.7
176.5°	4.0	3.8	3.9	3.5	3.7
177°	3.9	3.8	3.6	3.5	3.7
177.5°	3.9	3.8	3.5	3.5	3.8
178°	3.7	3.6	3.5	3.5	3.5
178.5°	3.6	3.5	3.4	3.4	3.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L835-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°	3311.3	3307.3	3291.2	3275.9	3269.4
22°	3309.7	3305.7	3288.8	3273.5	3267.0



44°	2964.1	2952.0	2927.8	2913.3	2903.7
44.5°	2945.6	2932.7	2910.1	2894.8	2885.1



66.5°	1583.2	1576.7	1564.6	1560.6	1556.6
67°	1543.7	1536.4	1525.1	1521.1	1517.9



89°	23.5	23.1	22.9	24.1	24.4
89.5°	10.4	10.6	10.3	11.0	10.9



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





134°	4.1	4.0	3.9	3.9	4.1
134.5°	4.2	3.9	3.9	3.7	3.9



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



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



(END OF REPORT)