

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-L830-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-120-L830-CFR2  
Description: 12000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS  
AND 3000K CCT, 80CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No.   Condition   Description

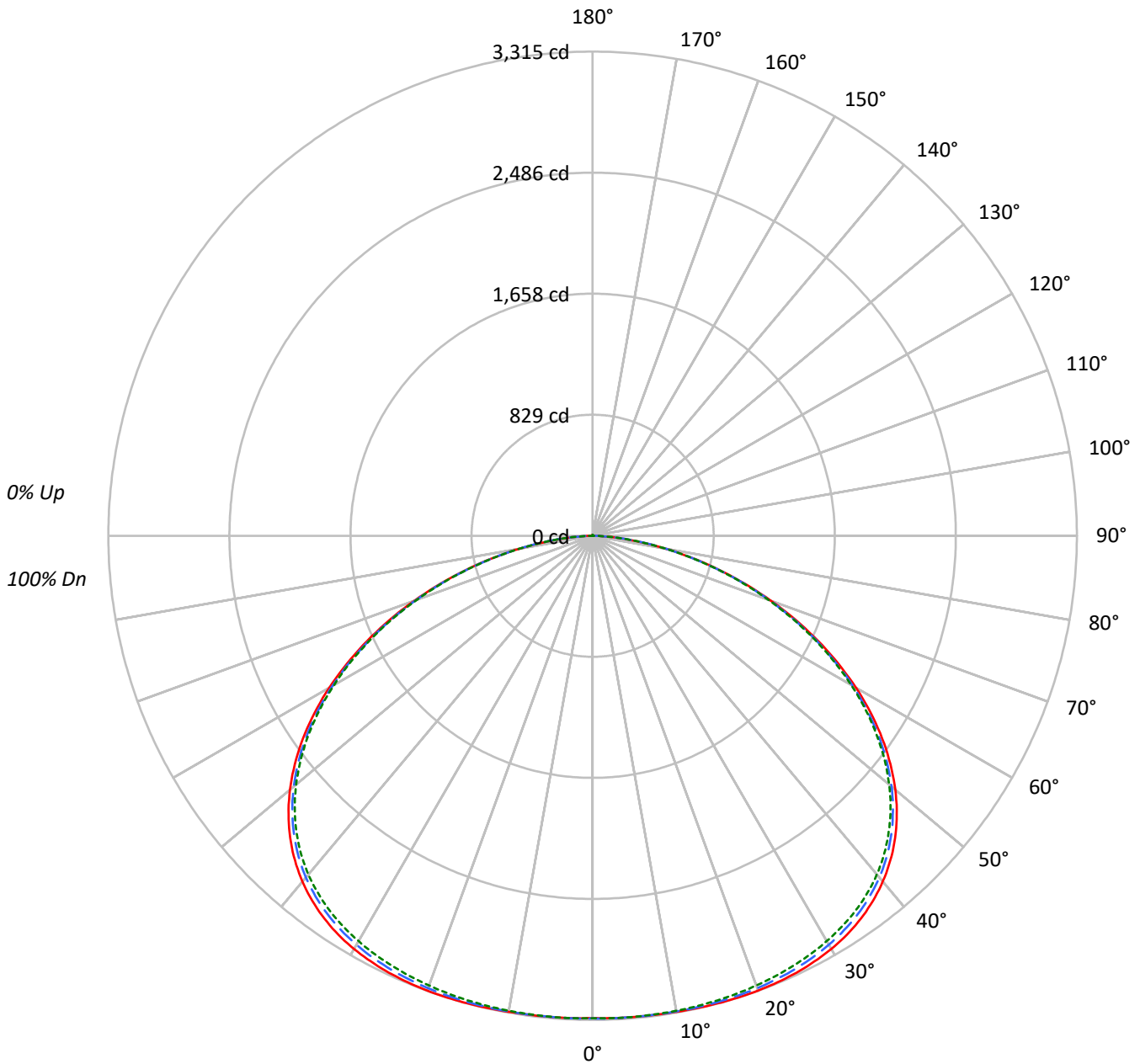
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11962.0 lumens  
Efficiency: N/A  
Efficacy: 125.1 lumens/watt  
Spacing Criteria (0/90/45): 1.48 / 1.45 / 1.57  
Luminous Opening: Rectangular (W 3.88' x L: 3.88' x H: 0')  
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





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20									20									20									20									
RC	80									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°	2370	2370	2369
10°	2399	2397	2394
15°	2449	2443	2434
20°	2517	2504	2490
25°	2600	2579	2559
30°	2693	2665	2642
35°	2789	2757	2732
40°	2880	2845	2821
45°	2955	2919	2894
50°	3003	2966	2942
55°	3013	2975	2953
60°	2973	2936	2919
65°	2876	2843	2830
70°	2711	2683	2669
75°	2456	2440	2429
80°	2089	2096	2074
85°	1556	1594	1592



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	315.7	2.6
10°-20°	936.3	7.8
20°-30°	1513.6	12.7
30°-40°	1982.5	16.6
40°-50°	2230.0	18.6
50°-60°	2133.9	17.8
60°-70°	1664.2	13.9
70°-80°	937.9	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°	2765.6	23.1
0°-40°	4748.1	39.7
0°-60°	9112.0	76.2
0°-90°	11946.2	99.9
90°-120°	4.6	0.0
90°-150°	13.2	0.1
90°-180°	16.0	0.1
0°-180°	11962.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3304	3304	3304	3304	3304	
5°	3307	3308	3307	3307	3306	316
15°	3314	3313	3305	3298	3294	939
25°	3300	3295	3275	3256	3249	1525
35°	3200	3190	3163	3144	3135	2004
45°	2927	2914	2891	2877	2867	2255
55°	2420	2408	2391	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	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	3303.6	3303.6	3303.6	3303.6	3303.6
0.5°	3302.8	3305.2	3306.0	3305.2	3303.6
1°	3303.6	3305.2	3306.0	3306.0	3304.4
1.5°	3304.4	3306.0	3306.0	3306.0	3305.2
2°	3304.4	3306.0	3306.0	3306.8	3305.2
2.5°	3305.2	3306.8	3306.8	3306.8	3305.2
3°	3306.0	3306.8	3306.8	3306.8	3306.0
3.5°	3306.0	3306.8	3306.8	3306.8	3306.0
4°	3306.8	3306.8	3306.8	3306.8	3306.0
4.5°	3306.8	3307.6	3306.8	3306.8	3306.0
5°	3306.8	3307.6	3306.8	3306.8	3306.0
5.5°	3306.8	3307.6	3306.8	3306.8	3306.0
6°	3307.6	3307.6	3306.8	3306.8	3305.2
6.5°	3307.6	3308.4	3307.6	3306.8	3305.2
7°	3307.6	3308.4	3306.8	3306.8	3305.2
7.5°	3307.6	3308.4	3306.8	3306.0	3304.4
8°	3308.4	3308.4	3307.6	3306.0	3304.4
8.5°	3308.4	3309.2	3306.8	3306.0	3303.6
9°	3309.2	3309.2	3307.6	3305.2	3303.6
9.5°	3309.2	3310.0	3306.8	3305.2	3302.8
10°	3310.0	3310.0	3306.8	3304.4	3301.9
10.5°	3310.8	3310.8	3306.8	3304.4	3301.9
11°	3310.8	3310.8	3306.8	3303.6	3301.1
11.5°	3311.6	3311.6	3306.8	3302.8	3300.3
12°	3311.6	3311.6	3306.8	3302.8	3299.5
12.5°	3312.4	3311.6	3306.0	3301.9	3298.7
13°	3312.4	3311.6	3306.0	3301.1	3297.9
13.5°	3313.2	3312.4	3306.0	3300.3	3297.1
14°	3313.2	3312.4	3306.0	3299.5	3295.5
14.5°	3314.0	3312.4	3305.2	3298.7	3294.7
15°	3314.0	3313.2	3305.2	3297.9	3293.9
15.5°	3314.8	3313.2	3304.4	3296.3	3292.3
16°	3314.0	3313.2	3303.6	3295.5	3290.7
16.5°	3314.8	3313.2	3303.6	3293.9	3289.1
17°	3314.8	3312.4	3302.8	3292.3	3288.2
17.5°	3314.8	3312.4	3301.1	3291.5	3286.6
18°	3314.8	3312.4	3300.3	3289.9	3284.2
18.5°	3314.8	3311.6	3299.5	3288.2	3282.6
19°	3314.0	3311.6	3298.7	3286.6	3281.0
19.5°	3314.0	3310.8	3297.1	3284.2	3278.6
20°	3313.2	3310.0	3295.5	3282.6	3277.0
20.5°	3312.4	3309.2	3294.7	3281.0	3274.6
21°	3312.4	3308.4	3293.1	3278.6	3272.1



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	3309.2	3304.4	3287.4	3271.3	3264.1
23°	3307.6	3302.8	3285.0	3268.9	3261.7
23.5°	3306.0	3301.1	3282.6	3265.7	3258.4
24°	3304.4	3299.5	3280.2	3262.5	3255.2
24.5°	3302.8	3297.1	3277.8	3259.2	3252.0
25°	3300.3	3294.7	3274.6	3256.0	3248.8
25.5°	3297.9	3292.3	3271.3	3252.8	3244.7
26°	3295.5	3289.9	3268.1	3249.6	3241.5
26.5°	3293.1	3286.6	3264.9	3245.5	3237.5
27°	3289.9	3283.4	3260.9	3241.5	3233.5
27.5°	3286.6	3280.2	3256.8	3237.5	3229.4
28°	3283.4	3276.2	3252.8	3233.5	3225.4
28.5°	3279.4	3272.1	3248.8	3228.6	3220.6
29°	3275.4	3268.1	3243.9	3223.8	3215.7
29.5°	3271.3	3263.3	3239.1	3219.0	3210.1
30°	3266.5	3258.4	3233.5	3213.3	3204.5
30.5°	3261.7	3253.6	3227.8	3207.7	3199.6
31°	3256.0	3248.0	3222.2	3202.0	3193.2
31.5°	3251.2	3242.3	3215.7	3196.4	3187.5
32°	3244.7	3235.9	3210.1	3189.9	3181.1
32.5°	3238.3	3229.4	3202.8	3182.7	3173.8
33°	3231.8	3222.2	3195.6	3176.2	3166.6
33.5°	3224.6	3214.9	3188.3	3169.0	3159.3
34°	3216.5	3206.9	3180.3	3160.9	3152.1
34.5°	3208.5	3198.8	3172.2	3152.9	3144.0
35°	3200.4	3189.9	3163.4	3144.0	3135.2
35.5°	3191.6	3181.1	3154.5	3135.2	3126.3
36°	3182.7	3171.4	3144.8	3126.3	3116.6
36.5°	3172.2	3161.7	3135.2	3116.6	3107.8
37°	3161.7	3151.3	3124.7	3106.1	3097.3
37.5°	3151.3	3140.0	3114.2	3095.7	3086.0
38°	3140.0	3129.5	3102.9	3085.2	3075.5
38.5°	3128.7	3117.4	3090.8	3073.1	3064.3
39°	3116.6	3104.5	3078.8	3061.8	3052.2
39.5°	3103.7	3091.6	3066.7	3048.9	3040.1
40°	3090.0	3078.8	3053.0	3036.0	3027.2
40.5°	3077.1	3065.1	3039.3	3023.2	3013.5
41°	3062.6	3050.6	3025.6	3008.7	2999.0
41.5°	3047.3	3035.2	3010.3	2994.2	2984.5
42°	3032.0	3019.9	2995.0	2979.6	2969.2
42.5°	3015.9	3003.8	2978.8	2963.5	2953.9
43°	2999.8	2986.9	2962.7	2947.4	2937.7
43.5°	2982.9	2970.0	2945.8	2930.5	2920.8



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	2927.3	2914.4	2891.0	2877.3	2866.8
45.5°	2907.9	2894.2	2871.7	2858.0	2848.3
46°	2887.8	2874.1	2851.5	2837.8	2828.2
46.5°	2866.8	2853.1	2831.4	2817.7	2808.0
47°	2845.1	2832.2	2809.6	2797.5	2787.1
47.5°	2823.3	2809.6	2787.9	2775.8	2765.3
48°	2801.6	2787.1	2766.1	2753.2	2742.8
48.5°	2778.2	2764.5	2743.6	2731.5	2721.8
49°	2753.2	2740.3	2719.4	2706.5	2697.6
49.5°	2729.1	2716.2	2695.2	2683.1	2673.5
50°	2704.1	2690.4	2671.0	2659.0	2649.3
50.5°	2678.3	2664.6	2645.3	2633.2	2624.3
51°	2652.5	2638.8	2619.5	2607.4	2597.7
51.5°	2625.1	2611.4	2592.1	2580.8	2571.9
52°	2597.7	2584.0	2564.7	2554.2	2545.4
52.5°	2570.3	2556.6	2537.3	2526.0	2518.0
53°	2540.5	2527.6	2509.9	2499.4	2490.6
53.5°	2510.7	2497.8	2480.1	2469.6	2461.6
54°	2480.9	2468.0	2450.3	2439.8	2432.5
54.5°	2451.9	2438.2	2421.3	2410.8	2403.5
55°	2420.5	2407.6	2390.6	2380.2	2372.9
55.5°	2389.0	2376.1	2359.2	2348.7	2342.3
56°	2356.0	2343.9	2327.0	2318.1	2311.7
56.5°	2323.0	2311.7	2294.8	2285.9	2279.5
57°	2290.7	2278.6	2262.5	2254.5	2248.0
57.5°	2258.5	2245.6	2229.5	2221.4	2215.0
58°	2223.1	2211.0	2195.7	2187.6	2182.0
58.5°	2188.4	2177.1	2161.0	2153.8	2148.1
59°	2153.8	2142.5	2127.2	2119.9	2114.3
59.5°	2117.5	2107.0	2091.7	2084.5	2078.8
60°	2082.0	2070.8	2056.3	2049.8	2044.2
60.5°	2045.8	2036.1	2020.8	2014.4	2008.7
61°	2008.7	1999.1	1984.6	1978.1	1972.5
61.5°	1970.9	1962.8	1948.3	1941.8	1937.0
62°	1933.8	1925.7	1911.2	1905.6	1900.8
62.5°	1895.9	1887.9	1873.4	1867.7	1862.9
63°	1858.0	1850.0	1836.3	1830.7	1825.8
63.5°	1819.4	1811.3	1798.4	1792.8	1787.9
64°	1780.7	1772.6	1758.9	1754.9	1749.3
64.5°	1742.0	1734.0	1720.3	1716.2	1711.4
65°	1702.5	1696.1	1683.2	1678.4	1675.1
65.5°	1663.9	1655.8	1643.7	1639.7	1634.9
66°	1622.8	1616.3	1604.2	1600.2	1597.0





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	1503.5	1496.3	1485.8	1481.8	1477.7
68°	1462.4	1456.0	1445.5	1442.3	1438.3
68.5°	1421.3	1414.9	1404.4	1402.0	1399.6
69°	1380.2	1373.8	1364.9	1362.5	1359.3
69.5°	1340.0	1333.5	1325.5	1323.0	1319.0
70°	1298.9	1293.2	1285.2	1282.7	1278.7
70.5°	1257.8	1252.1	1244.9	1242.5	1238.4
71°	1216.7	1211.8	1205.4	1202.2	1198.1
71.5°	1176.4	1171.6	1164.3	1161.9	1158.7
72°	1135.3	1131.3	1124.0	1122.4	1118.4
72.5°	1094.2	1091.0	1083.7	1082.1	1078.9
73°	1053.1	1049.9	1042.6	1041.0	1038.6
73.5°	1012.8	1009.6	1003.2	1000.7	998.3
74°	972.5	970.1	963.7	962.1	958.8
74.5°	931.4	929.8	924.2	921.8	919.4
75°	890.3	890.3	884.7	883.1	880.7
75.5°	850.9	850.9	845.2	843.6	841.2
76°	811.4	811.4	805.7	804.2	801.0
76.5°	771.5	771.8	767.1	765.4	762.7
77°	733.3	733.6	729.4	727.2	724.5
77.5°	692.5	694.4	690.8	688.9	686.3
78°	654.3	656.8	653.1	651.6	649.4
78.5°	618.4	619.9	617.6	615.8	612.6
79°	580.8	582.0	580.5	578.8	575.8
79.5°	543.7	545.7	544.7	543.2	539.7
80°	508.2	509.6	509.9	507.7	504.4
80.5°	470.8	473.8	474.3	472.1	470.4
81°	436.2	439.1	439.9	438.6	436.3
81.5°	402.2	405.5	406.3	405.5	402.6
82°	368.1	372.2	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°	273.5	278.1	279.7	280.2	277.2
84°	244.1	248.3	250.3	251.1	248.6
84.5°	216.3	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	120.1	122.2	122.2
87°	96.7	96.8	97.1	99.8	99.8
87.5°	74.6	75.3	75.6	77.9	78.7
88°	52.6	54.5	55.0	57.1	57.0
88.5°	37.2	37.2	37.1	39.3	39.8



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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	0.6	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-L830-CFR2

**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-L830-CFR2

**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-L830-CFR2

**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-L830-CFR2

**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°	3311.6	3307.6	3291.5	3276.2	3269.7
22°	3310.0	3306.0	3289.1	3273.7	3267.3



44°	2964.3	2952.3	2928.1	2913.6	2903.9
44.5°	2945.8	2932.9	2910.4	2895.0	2885.4



66.5°	1583.3	1576.8	1564.8	1560.7	1556.7
67°	1543.8	1536.6	1525.3	1521.2	1518.0



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)