

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-L850-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-L850-CFR2  
Description: 12000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS  
AND 5000K CCT, 80CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No. Condition Description

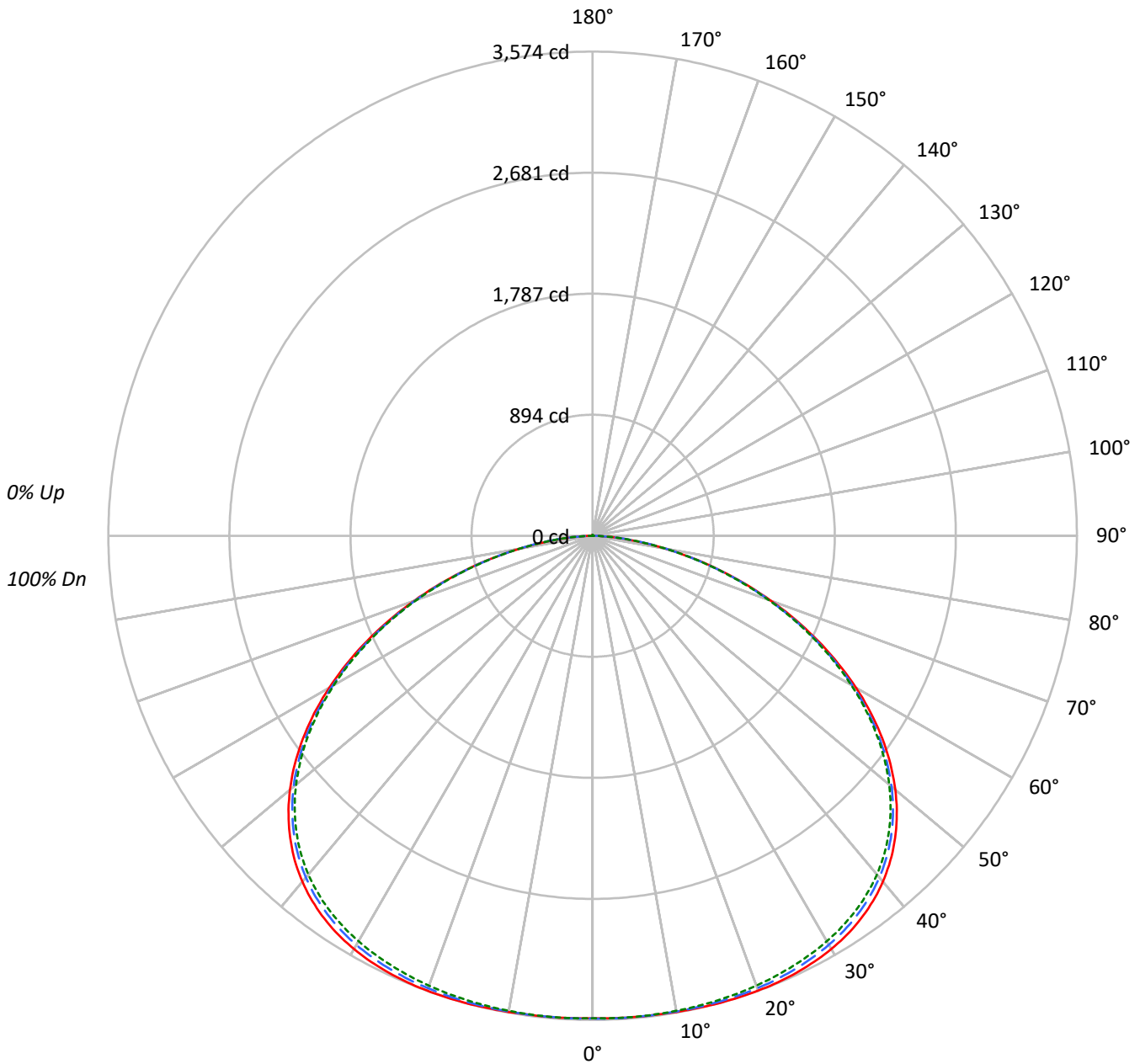
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 12899.0 lumens  
Efficiency: N/A  
Efficacy: 134.9 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): 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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CATALOG NUMBER: 44ID-120-L850-CFR2

### Luminous Intensity Polar Plot





TEST NUMBER: P#

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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°	2543	2543	2543
5°	2555	2555	2555
10°	2587	2585	2581
15°	2641	2634	2625
20°	2714	2700	2685
25°	2803	2781	2759
30°	2904	2874	2848
35°	3008	2973	2946
40°	3105	3068	3042
45°	3187	3147	3121
50°	3238	3199	3173
55°	3249	3209	3185
60°	3206	3166	3147
65°	3101	3066	3051
70°	2923	2893	2878
75°	2648	2631	2620
80°	2253	2260	2236
85°	1678	1718	1717



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	340.4	2.6
10°-20°	1009.7	7.8
20°-30°	1632.2	12.7
30°-40°	2137.8	16.6
40°-50°	2404.7	18.6
50°-60°	2301.0	17.8
60°-70°	1794.6	13.9
70°-80°	1011.4	7.8
80°-90°	250.3	1.9
90°-100°	0.9	0.0
100°-110°	1.4	0.0
110°-120°	2.6	0.0
120°-130°	4.1	0.0
130°-140°	3.2	0.0
140°-150°	2.0	0.0
150°-160°	1.5	0.0
160°-170°	0.9	0.0
170°-180°	0.4	0.0
0°-30°	2982.2	23.1
0°-40°	5120.1	39.7
0°-60°	9825.7	76.2
0°-90°	12882.0	99.9
90°-120°	5.0	0.0
90°-150°	14.3	0.1
90°-180°	17.0	0.1
0°-180°	12899.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3562	3562	3562	3562	3562	
5°	3566	3567	3566	3566	3565	340
15°	3574	3573	3564	3556	3552	1013
25°	3559	3553	3531	3511	3503	1645
35°	3451	3440	3411	3390	3381	2161
45°	3157	3143	3118	3103	3091	2432
55°	2610	2596	2578	2567	2559	2326
65°	1836	1829	1815	1810	1806	1812
75°	960	960	954	952	950	1018
85°	205	208	210	211	210	238
90°	2	2	2	2	2	10
95°	1	1	1	1	1	1
105°	2	1	1	2	2	2
115°	3	3	2	3	2	3
125°	5	5	5	5	5	4
135°	4	4	4	4	4	3
145°	3	3	3	3	3	2
155°	3	3	3	3	4	2
165°	3	3	3	3	4	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°	3562.3	3562.3	3562.3	3562.3	3562.3
0.5°	3561.5	3564.1	3564.9	3564.1	3562.3
1°	3562.3	3564.1	3564.9	3564.9	3563.2
1.5°	3563.2	3564.9	3564.9	3564.9	3564.1
2°	3563.2	3564.9	3564.9	3565.8	3564.1
2.5°	3564.1	3565.8	3565.8	3565.8	3564.1
3°	3564.9	3565.8	3565.8	3565.8	3564.9
3.5°	3564.9	3565.8	3565.8	3565.8	3564.9
4°	3565.8	3565.8	3565.8	3565.8	3564.9
4.5°	3565.8	3566.7	3565.8	3565.8	3564.9
5°	3565.8	3566.7	3565.8	3565.8	3564.9
5.5°	3565.8	3566.7	3565.8	3565.8	3564.9
6°	3566.7	3566.7	3565.8	3565.8	3564.1
6.5°	3566.7	3567.5	3566.7	3565.8	3564.1
7°	3566.7	3567.5	3565.8	3565.8	3564.1
7.5°	3566.7	3567.5	3565.8	3564.9	3563.2
8°	3567.5	3567.5	3566.7	3564.9	3563.2
8.5°	3567.5	3568.4	3565.8	3564.9	3562.3
9°	3568.4	3568.4	3566.7	3564.1	3562.3
9.5°	3568.4	3569.3	3565.8	3564.1	3561.5
10°	3569.3	3569.3	3565.8	3563.2	3560.6
10.5°	3570.1	3570.1	3565.8	3563.2	3560.6
11°	3570.1	3570.1	3565.8	3562.3	3559.7
11.5°	3571.0	3571.0	3565.8	3561.5	3558.9
12°	3571.0	3571.0	3565.8	3561.5	3558.0
12.5°	3571.9	3571.0	3564.9	3560.6	3557.1
13°	3571.9	3571.0	3564.9	3559.7	3556.2
13.5°	3572.8	3571.9	3564.9	3558.9	3555.4
14°	3572.8	3571.9	3564.9	3558.0	3553.6
14.5°	3573.6	3571.9	3564.1	3557.1	3552.8
15°	3573.6	3572.8	3564.1	3556.2	3551.9
15.5°	3574.5	3572.8	3563.2	3554.5	3550.2
16°	3573.6	3572.8	3562.3	3553.6	3548.4
16.5°	3574.5	3572.8	3562.3	3551.9	3546.7
17°	3574.5	3571.9	3561.5	3550.2	3545.8
17.5°	3574.5	3571.9	3559.7	3549.3	3544.1
18°	3574.5	3571.9	3558.9	3547.6	3541.5
18.5°	3574.5	3571.0	3558.0	3545.8	3539.7
19°	3573.6	3571.0	3557.1	3544.1	3538.0
19.5°	3573.6	3570.1	3555.4	3541.5	3535.4
20°	3572.8	3569.3	3553.6	3539.7	3533.7
20.5°	3571.9	3568.4	3552.8	3538.0	3531.1
21°	3571.9	3567.5	3551.0	3535.4	3528.4



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	3568.4	3563.2	3545.0	3527.6	3519.8
23°	3566.7	3561.5	3542.3	3525.0	3517.1
23.5°	3564.9	3559.7	3539.7	3521.5	3513.7
24°	3563.2	3558.0	3537.1	3518.0	3510.2
24.5°	3561.5	3555.4	3534.5	3514.5	3506.7
25°	3558.9	3552.8	3531.1	3511.1	3503.2
25.5°	3556.2	3550.2	3527.6	3507.6	3498.9
26°	3553.6	3547.6	3524.1	3504.1	3495.4
26.5°	3551.0	3544.1	3520.6	3499.8	3491.1
27°	3547.6	3540.6	3516.3	3495.4	3486.7
27.5°	3544.1	3537.1	3511.9	3491.1	3482.4
28°	3540.6	3532.8	3507.6	3486.7	3478.0
28.5°	3536.3	3528.4	3503.2	3481.5	3472.8
29°	3531.9	3524.1	3498.0	3476.3	3467.6
29.5°	3527.6	3518.9	3492.8	3471.1	3461.5
30°	3522.4	3513.7	3486.7	3465.0	3455.5
30.5°	3517.1	3508.5	3480.7	3458.9	3450.2
31°	3511.1	3502.4	3474.6	3452.9	3443.3
31.5°	3505.9	3496.3	3467.6	3446.8	3437.2
32°	3498.9	3489.3	3461.5	3439.8	3430.3
32.5°	3492.0	3482.4	3453.7	3432.0	3422.4
33°	3485.0	3474.6	3445.9	3425.0	3414.6
33.5°	3477.2	3466.8	3438.1	3417.2	3406.8
34°	3468.5	3458.1	3429.4	3408.5	3399.0
34.5°	3459.8	3449.4	3420.7	3399.9	3390.3
35°	3451.1	3439.8	3411.1	3390.3	3380.7
35.5°	3441.6	3430.3	3401.6	3380.7	3371.2
36°	3432.0	3419.8	3391.2	3371.2	3360.8
36.5°	3420.7	3409.4	3380.7	3360.8	3351.2
37°	3409.4	3398.1	3369.4	3349.5	3339.9
37.5°	3398.1	3386.0	3358.1	3338.2	3327.7
38°	3386.0	3374.7	3346.0	3326.9	3316.4
38.5°	3373.8	3361.6	3332.9	3313.8	3304.3
39°	3360.8	3347.7	3319.9	3301.7	3291.2
39.5°	3346.9	3333.8	3306.9	3287.8	3278.2
40°	3332.1	3319.9	3292.1	3273.9	3264.3
40.5°	3318.2	3305.1	3277.3	3260.0	3249.5
41°	3302.5	3289.5	3262.6	3244.3	3233.9
41.5°	3286.0	3273.0	3246.1	3228.7	3218.3
42°	3269.5	3256.5	3229.6	3213.0	3201.8
42.5°	3252.1	3239.1	3212.2	3195.7	3185.2
43°	3234.8	3220.9	3194.8	3178.3	3167.9
43.5°	3216.5	3202.6	3176.6	3160.0	3149.6



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	3156.6	3142.7	3117.5	3102.7	3091.4
45.5°	3135.7	3120.9	3096.6	3081.8	3071.4
46°	3114.0	3099.2	3074.9	3060.1	3049.7
46.5°	3091.4	3076.6	3053.2	3038.4	3028.0
47°	3067.9	3054.0	3029.7	3016.7	3005.4
47.5°	3044.5	3029.7	3006.3	2993.2	2981.9
48°	3021.0	3005.4	2982.8	2968.9	2957.6
48.5°	2995.8	2981.1	2958.5	2945.4	2935.0
49°	2968.9	2955.0	2932.4	2918.5	2908.9
49.5°	2942.8	2928.9	2906.3	2893.3	2882.9
50°	2915.9	2901.1	2880.3	2867.2	2856.8
50.5°	2888.1	2873.3	2852.5	2839.4	2829.9
51°	2860.3	2845.5	2824.7	2811.6	2801.2
51.5°	2830.7	2816.0	2795.1	2783.0	2773.4
52°	2801.2	2786.4	2765.6	2754.3	2744.7
52.5°	2771.7	2756.9	2736.0	2723.9	2715.2
53°	2739.5	2725.6	2706.5	2695.2	2685.6
53.5°	2707.4	2693.5	2674.4	2663.1	2654.4
54°	2675.2	2661.3	2642.2	2630.9	2623.1
54.5°	2643.9	2629.2	2610.9	2599.6	2591.8
55°	2610.1	2596.2	2577.9	2566.6	2558.8
55.5°	2576.2	2562.3	2544.0	2532.7	2525.8
56°	2540.5	2527.5	2509.3	2499.7	2492.8
56.5°	2504.9	2492.8	2474.5	2465.0	2458.0
57°	2470.2	2457.1	2439.8	2431.1	2424.1
57.5°	2435.4	2421.5	2404.1	2395.4	2388.5
58°	2397.2	2384.2	2367.6	2359.0	2352.9
58.5°	2359.8	2347.7	2330.3	2322.5	2316.4
59°	2322.5	2310.3	2293.8	2286.0	2279.9
59.5°	2283.4	2272.1	2255.6	2247.7	2241.7
60°	2245.1	2233.0	2217.3	2210.4	2204.3
60.5°	2206.0	2195.6	2179.1	2172.2	2166.1
61°	2166.1	2155.6	2140.0	2133.1	2127.0
61.5°	2125.2	2116.5	2100.9	2094.0	2088.7
62°	2085.3	2076.6	2060.9	2054.9	2049.6
62.5°	2044.4	2035.7	2020.1	2014.0	2008.8
63°	2003.6	1994.9	1980.1	1974.1	1968.8
63.5°	1961.9	1953.2	1939.3	1933.2	1928.0
64°	1920.2	1911.5	1896.7	1892.4	1886.3
64.5°	1878.5	1869.8	1855.0	1850.7	1845.5
65°	1835.9	1829.0	1815.1	1809.8	1806.4
65.5°	1794.2	1785.5	1772.5	1768.1	1762.9
66°	1749.9	1742.9	1729.9	1725.6	1722.1





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	1621.3	1613.5	1602.2	1597.8	1593.5
68°	1577.0	1570.0	1558.7	1555.3	1550.9
68.5°	1532.7	1525.7	1514.4	1511.8	1509.2
69°	1488.4	1481.4	1471.9	1469.2	1465.8
69.5°	1444.9	1438.0	1429.3	1426.7	1422.3
70°	1400.6	1394.5	1385.8	1383.2	1378.9
70.5°	1356.3	1350.2	1342.4	1339.8	1335.4
71°	1312.0	1306.8	1299.8	1296.3	1292.0
71.5°	1268.5	1263.3	1255.5	1252.9	1249.4
72°	1224.2	1219.9	1212.1	1210.3	1206.0
72.5°	1179.9	1176.4	1168.6	1166.9	1163.4
73°	1135.6	1132.1	1124.3	1122.6	1120.0
73.5°	1092.2	1088.7	1081.7	1079.1	1076.5
74°	1048.7	1046.1	1039.2	1037.4	1033.9
74.5°	1004.4	1002.7	996.6	994.0	991.4
75°	960.1	960.1	954.0	952.3	949.7
75.5°	917.5	917.5	911.4	909.7	907.1
76°	874.9	874.9	868.9	867.2	863.7
76.5°	831.9	832.3	827.2	825.3	822.5
77°	790.8	791.1	786.5	784.1	781.3
77.5°	746.7	748.8	745.0	742.9	740.0
78°	705.6	708.2	704.3	702.6	700.2
78.5°	666.9	668.5	666.0	664.0	660.6
79°	626.3	627.6	625.9	624.2	620.9
79.5°	586.3	588.5	587.3	585.8	582.0
80°	548.0	549.6	549.8	547.5	543.9
80.5°	507.7	510.9	511.4	509.1	507.2
81°	470.4	473.4	474.3	472.9	470.5
81.5°	433.7	437.3	438.1	437.3	434.2
82°	397.0	401.3	402.6	402.0	398.5
82.5°	361.9	366.7	368.1	367.6	364.4
83°	327.8	333.1	334.4	334.9	331.9
83.5°	294.9	299.9	301.6	302.1	298.9
84°	263.3	267.8	269.9	270.7	268.0
84.5°	233.2	236.9	239.4	240.5	239.2
85°	204.9	207.5	209.8	211.4	209.6
85.5°	177.4	179.5	181.2	183.7	182.2
86°	151.9	154.0	155.2	157.1	157.1
86.5°	127.5	128.5	129.5	131.7	131.7
87°	104.3	104.4	104.7	107.6	107.7
87.5°	80.5	81.2	81.5	84.0	84.9
88°	56.7	58.7	59.3	61.6	61.4
88.5°	40.1	40.1	40.1	42.4	42.9



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	1.9	1.8	1.9	2.0	1.8
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°	0.8	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°	0.8	0.6	0.7	0.7	0.8
94°	0.8	0.7	0.8	0.7	0.9
94.5°	0.8	0.8	0.7	0.8	0.8
95°	0.8	0.6	0.8	0.7	0.9
95.5°	0.7	0.8	0.9	0.8	0.9
96°	1.0	1.0	0.8	0.8	0.9
96.5°	1.0	0.9	0.9	0.8	0.9
97°	1.0	0.9	1.0	0.8	1.0
97.5°	1.0	0.9	0.9	0.8	1.0
98°	1.1	1.0	1.0	1.0	1.1
98.5°	1.1	1.0	0.9	0.9	1.0
99°	1.0	1.0	1.0	0.9	1.0
99.5°	1.1	0.9	1.0	1.0	1.0
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°	1.3	1.0	1.1	1.1	1.2
102°	1.4	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°	1.3	1.3	1.2	1.2	1.1
104°	1.5	1.3	1.3	1.2	1.1
104.5°	1.3	1.4	1.4	1.4	1.2
105°	1.6	1.4	1.3	1.5	1.5
105.5°	1.5	1.2	1.4	1.3	1.3
106°	1.4	1.4	1.5	1.5	1.6
106.5°	1.6	1.4	1.5	1.4	1.3
107°	1.5	1.5	1.6	1.6	1.4
107.5°	1.7	1.5	1.6	1.7	1.6
108°	1.7	1.5	1.4	1.7	1.5
108.5°	1.7	1.7	1.7	1.6	1.5
109°	1.7	1.7	1.7	1.7	1.7
109.5°	1.8	1.6	1.8	1.7	1.6
110°	1.7	1.7	1.7	1.8	1.7
110.5°	1.8	1.7	1.8	1.8	1.9
111°	1.8	1.9	1.9	1.9	1.8



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L850-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	2.1	2.2	2.3	2.2	2.0
113°	2.3	2.1	2.1	2.2	2.2
113.5°	2.3	2.3	2.3	2.4	2.4
114°	2.4	2.4	2.5	2.5	2.4
114.5°	2.6	2.6	2.5	2.5	2.3
115°	2.6	2.6	2.5	2.6	2.5
115.5°	2.9	2.6	2.8	2.7	2.5
116°	2.8	2.9	2.9	2.8	2.7
116.5°	3.0	3.0	3.0	3.0	2.9
117°	3.1	3.1	3.1	3.1	2.8
117.5°	3.3	3.1	3.2	3.1	3.0
118°	3.3	3.2	3.4	3.2	3.0
118.5°	3.6	3.4	3.4	3.3	3.2
119°	3.6	3.6	3.6	3.4	3.4
119.5°	3.6	3.6	3.6	3.6	3.5
120°	3.8	3.8	3.7	3.6	3.7
120.5°	3.9	3.7	3.9	3.8	3.7
121°	3.9	3.9	3.9	3.9	3.7
121.5°	4.3	4.2	4.1	3.9	3.9
122°	4.1	4.3	4.2	4.1	4.2
122.5°	4.4	4.3	4.3	4.3	4.1
123°	4.5	4.5	4.3	4.3	4.3
123.5°	4.5	4.7	4.4	4.3	4.4
124°	4.6	4.7	4.6	4.4	4.4
124.5°	4.9	4.7	4.6	4.5	4.5
125°	5.0	4.9	4.8	4.7	4.7
125.5°	5.0	5.0	4.8	4.7	4.8
126°	5.0	4.9	4.8	4.8	4.7
126.5°	4.9	5.0	5.0	4.8	4.9
127°	5.0	5.0	4.9	4.8	4.7
127.5°	5.2	5.1	5.0	4.8	4.7
128°	5.2	5.0	5.0	4.8	4.9
128.5°	5.0	5.0	4.9	4.7	4.9
129°	5.0	5.0	4.9	4.8	4.7
129.5°	4.9	5.0	4.9	4.8	4.8
130°	4.9	5.0	4.8	4.6	4.7
130.5°	5.0	4.9	4.9	4.4	4.7
131°	4.8	4.8	4.8	4.5	4.6
131.5°	4.9	4.7	4.5	4.4	4.5
132°	4.8	4.6	4.6	4.4	4.4
132.5°	4.8	4.6	4.5	4.4	4.5
133°	4.6	4.4	4.4	4.2	4.3
133.5°	4.7	4.4	4.3	4.1	4.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L850-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	4.5	4.3	4.1	4.0	4.3
135.5°	4.3	4.3	4.1	3.9	4.2
136°	4.2	4.1	3.9	3.7	4.2
136.5°	4.3	4.1	3.9	3.7	4.1
137°	4.2	4.0	3.9	3.7	4.0
137.5°	4.1	3.9	3.8	3.6	3.8
138°	4.0	3.8	3.6	3.6	3.8
138.5°	4.1	3.8	3.7	3.5	3.7
139°	3.6	3.7	3.6	3.3	3.8
139.5°	3.8	3.6	3.5	3.4	3.7
140°	3.7	3.5	3.6	3.3	3.5
140.5°	3.7	3.5	3.5	3.3	3.5
141°	3.6	3.5	3.4	3.1	3.3
141.5°	3.3	3.5	3.5	3.1	3.3
142°	3.2	3.2	3.4	3.2	3.0
142.5°	3.2	3.4	3.3	3.1	3.0
143°	3.4	3.3	3.3	3.2	3.0
143.5°	3.4	3.3	3.3	3.0	3.0
144°	3.4	3.1	3.4	3.0	3.1
144.5°	3.2	3.1	3.2	3.0	3.1
145°	3.3	3.1	3.2	2.9	3.1
145.5°	3.2	3.0	3.1	2.9	3.3
146°	3.2	3.0	3.0	2.9	3.1
146.5°	3.3	3.0	3.0	2.9	3.1
147°	3.2	3.0	2.9	3.0	3.0
147.5°	3.1	3.0	2.9	3.0	3.2
148°	3.2	3.0	3.0	2.9	3.2
148.5°	3.3	3.1	3.0	2.9	3.2
149°	3.2	3.0	3.0	2.9	3.2
149.5°	3.4	3.0	3.0	2.9	3.3
150°	3.3	3.1	3.0	2.9	3.2
150.5°	3.2	3.0	3.0	3.0	3.2
151°	3.4	3.0	2.9	3.0	3.4
151.5°	3.3	3.1	2.9	3.0	3.4
152°	3.4	3.1	3.0	3.1	3.2
152.5°	3.4	3.2	3.0	3.0	3.4
153°	3.3	3.1	3.0	3.2	3.5
153.5°	3.6	3.2	3.0	3.1	3.4
154°	3.4	3.2	3.1	3.1	3.4
154.5°	3.4	3.1	3.1	3.3	3.5
155°	3.2	3.2	3.2	3.3	3.6
155.5°	3.4	3.1	3.1	3.2	3.5
156°	3.2	3.2	3.2	3.2	3.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L850-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	3.2	3.0	3.1	3.3	3.4
158°	3.5	3.2	3.1	3.2	3.5
158.5°	3.3	3.2	3.0	3.2	3.4
159°	3.4	3.2	3.1	3.2	3.6
159.5°	3.3	3.1	3.1	3.2	3.6
160°	3.3	3.2	3.0	3.2	3.5
160.5°	3.2	3.1	3.1	3.3	3.5
161°	3.2	3.1	3.1	3.3	3.5
161.5°	3.3	3.2	3.1	3.1	3.3
162°	3.2	3.1	3.2	3.3	3.3
162.5°	3.4	3.3	3.2	3.2	3.4
163°	3.4	3.2	3.3	3.3	3.3
163.5°	3.3	3.2	3.3	3.3	3.6
164°	3.2	3.3	3.2	3.5	3.5
164.5°	3.1	3.4	3.3	3.5	3.6
165°	3.2	3.2	3.1	3.4	3.5
165.5°	3.0	3.2	3.1	3.6	3.5
166°	3.3	3.3	3.2	3.5	3.4
166.5°	3.3	3.2	3.1	3.6	3.2
167°	3.2	3.5	3.2	3.6	3.6
167.5°	3.3	3.5	3.3	3.7	3.6
168°	3.4	3.4	3.2	3.6	3.5
168.5°	3.3	3.6	3.4	3.9	3.6
169°	3.6	3.5	3.2	3.9	3.6
169.5°	3.5	3.5	3.3	3.8	3.6
170°	3.6	3.5	3.4	3.9	3.6
170.5°	3.6	3.6	3.4	3.9	3.7
171°	3.6	3.6	3.6	3.9	3.8
171.5°	3.5	3.6	3.6	4.0	3.6
172°	3.5	3.6	3.6	4.0	3.7
172.5°	3.6	3.6	3.7	4.0	3.7
173°	3.5	3.5	3.7	4.0	3.8
173.5°	3.7	3.6	3.8	3.9	3.9
174°	3.8	3.8	4.1	4.0	3.8
174.5°	3.8	4.0	4.0	4.2	4.0
175°	4.1	4.0	4.1	4.2	3.9
175.5°	4.1	4.0	4.3	4.1	4.1
176°	4.3	4.2	4.1	4.0	4.0
176.5°	4.3	4.1	4.2	3.8	4.0
177°	4.2	4.1	3.9	3.8	4.0
177.5°	4.3	4.1	3.8	3.7	4.1
178°	4.0	3.9	3.7	3.7	3.8
178.5°	3.9	3.8	3.6	3.6	3.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L850-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	3.4	3.4	3.4	3.4	3.4



Report Generated By 670246072 / DESKTOP-MV3F9LC







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







21.5°	3571.0	3566.7	3549.3	3532.8	3525.8
22°	3569.3	3564.9	3546.7	3530.2	3523.2



44°	3196.5	3183.5	3157.4	3141.8	3131.4
44.5°	3176.6	3162.7	3138.3	3121.8	3111.4



66.5°	1707.3	1700.4	1687.3	1683.0	1678.6
67°	1664.7	1656.9	1644.8	1640.4	1636.9



89°	25.4	24.9	24.7	26.0	26.3
89.5°	11.2	11.4	11.1	11.9	11.7



111.5°	2.2	1.9	2.0	2.0	1.9
112°	2.2	2.0	2.0	2.0	2.2





134°	4.4	4.3	4.3	4.2	4.4
134.5°	4.5	4.3	4.3	4.0	4.2



156.5°	3.4	3.1	3.2	3.3	3.4
157°	3.3	3.1	3.2	3.2	3.4



179°	3.7	3.6	3.5	3.6	3.7
179.5°	3.3	3.5	3.4	3.3	3.6



(END OF REPORT)