

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-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-L835-CFR2  
Description: 12000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS  
AND 3500K CCT, 80CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No.   Condition   Description

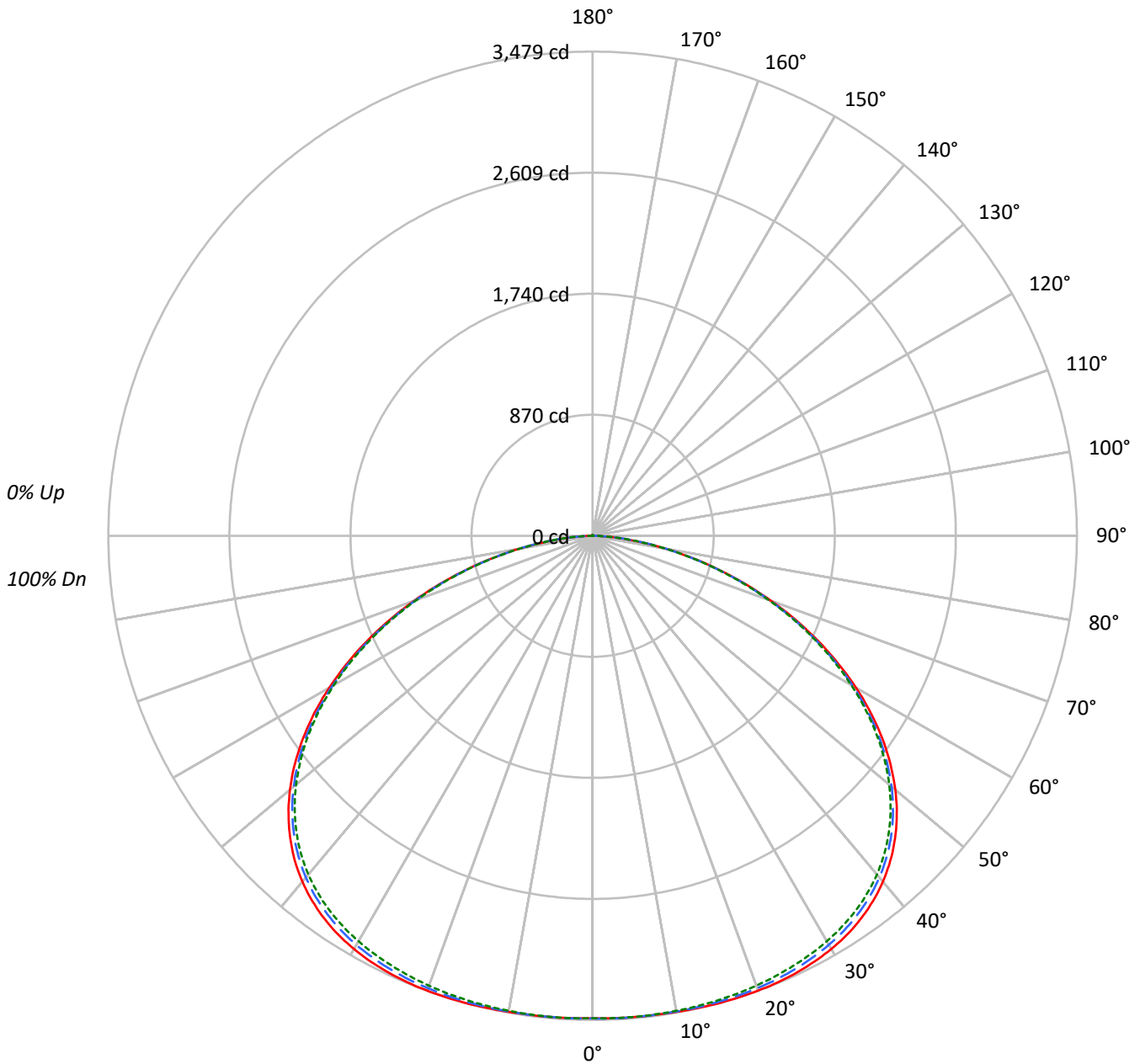
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 12556.0 lumens  
Efficiency: N/A  
Efficacy: 131.3 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): 95.6  
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

TEST NUMBER: P#  
CATALOG NUMBER: 44ID-120-L835-CFR2

### Luminous Intensity Polar Plot





TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L835-CFR2

**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°	2476	2476	2476
5°	2487	2487	2487
10°	2519	2516	2512
15°	2571	2564	2555
20°	2642	2628	2613
25°	2729	2707	2686
30°	2826	2798	2773
35°	2928	2894	2868
40°	3023	2986	2961
45°	3102	3064	3038
50°	3152	3114	3088
55°	3162	3123	3100
60°	3120	3082	3064
65°	3019	2985	2970
70°	2846	2816	2802
75°	2578	2561	2550
80°	2193	2200	2176
85°	1633	1673	1671



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L835-CFR2

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	331.3	2.6
10°-20°	982.8	7.8
20°-30°	1588.8	12.7
30°-40°	2081.0	16.6
40°-50°	2340.7	18.6
50°-60°	2239.8	17.8
60°-70°	1746.9	13.9
70°-80°	984.5	7.8
80°-90°	243.6	1.9
90°-100°	0.9	0.0
100°-110°	1.4	0.0
110°-120°	2.6	0.0
120°-130°	4.0	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°	0.4	0.0
0°-30°	2902.9	23.1
0°-40°	4983.9	39.7
0°-60°	9564.5	76.2
0°-90°	12539.4	99.9
90°-120°	4.8	0.0
90°-150°	13.9	0.1
90°-180°	17.0	0.1
0°-180°	12556.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3468	3468	3468	3468	3468	
5°	3471	3472	3471	3471	3470	331
15°	3479	3478	3469	3462	3458	986
25°	3464	3458	3437	3418	3410	1601
35°	3359	3348	3320	3300	3291	2103
45°	3073	3059	3035	3020	3009	2367
55°	2541	2527	2509	2498	2491	2265
65°	1787	1780	1767	1762	1758	1764
75°	935	935	929	927	924	990
85°	199	202	204	206	204	231
90°	2	2	2	2	2	10
95°	1	1	1	1	1	1
105°	2	1	1	1	1	1
115°	2	2	2	2	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	3	1
175°	4	4	4	4	4	0
180°	3	3	3	3	3	



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L835-CFR2

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	3467.6	3467.6	3467.6	3467.6	3467.6
0.5°	3466.8	3469.3	3470.1	3469.3	3467.6
1°	3467.6	3469.3	3470.1	3470.1	3468.4
1.5°	3468.4	3470.1	3470.1	3470.1	3469.3
2°	3468.4	3470.1	3470.1	3471.0	3469.3
2.5°	3469.3	3471.0	3471.0	3471.0	3469.3
3°	3470.1	3471.0	3471.0	3471.0	3470.1
3.5°	3470.1	3471.0	3471.0	3471.0	3470.1
4°	3471.0	3471.0	3471.0	3471.0	3470.1
4.5°	3471.0	3471.8	3471.0	3471.0	3470.1
5°	3471.0	3471.8	3471.0	3471.0	3470.1
5.5°	3471.0	3471.8	3471.0	3471.0	3470.1
6°	3471.8	3471.8	3471.0	3471.0	3469.3
6.5°	3471.8	3472.7	3471.8	3471.0	3469.3
7°	3471.8	3472.7	3471.0	3471.0	3469.3
7.5°	3471.8	3472.7	3471.0	3470.1	3468.4
8°	3472.7	3472.7	3471.8	3470.1	3468.4
8.5°	3472.7	3473.5	3471.0	3470.1	3467.6
9°	3473.5	3473.5	3471.8	3469.3	3467.6
9.5°	3473.5	3474.4	3471.0	3469.3	3466.8
10°	3474.4	3474.4	3471.0	3468.4	3465.9
10.5°	3475.2	3475.2	3471.0	3468.4	3465.9
11°	3475.2	3475.2	3471.0	3467.6	3465.1
11.5°	3476.1	3476.1	3471.0	3466.8	3464.2
12°	3476.1	3476.1	3471.0	3466.8	3463.4
12.5°	3476.9	3476.1	3470.1	3465.9	3462.5
13°	3476.9	3476.1	3470.1	3465.1	3461.7
13.5°	3477.8	3476.9	3470.1	3464.2	3460.8
14°	3477.8	3476.9	3470.1	3463.4	3459.1
14.5°	3478.6	3476.9	3469.3	3462.5	3458.3
15°	3478.6	3477.8	3469.3	3461.7	3457.5
15.5°	3479.4	3477.8	3468.4	3460.0	3455.8
16°	3478.6	3477.8	3467.6	3459.1	3454.1
16.5°	3479.4	3477.8	3467.6	3457.5	3452.4
17°	3479.4	3476.9	3466.8	3455.8	3451.5
17.5°	3479.4	3476.9	3465.1	3454.9	3449.8
18°	3479.4	3476.9	3464.2	3453.2	3447.3
18.5°	3479.4	3476.1	3463.4	3451.5	3445.6
19°	3478.6	3476.1	3462.5	3449.8	3443.9
19.5°	3478.6	3475.2	3460.8	3447.3	3441.4
20°	3477.8	3474.4	3459.1	3445.6	3439.7
20.5°	3476.9	3473.5	3458.3	3443.9	3437.2
21°	3476.9	3472.7	3456.6	3441.4	3434.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L835-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	3473.5	3468.4	3450.7	3433.8	3426.2
23°	3471.8	3466.8	3448.2	3431.2	3423.6
23.5°	3470.1	3465.1	3445.6	3427.9	3420.2
24°	3468.4	3463.4	3443.1	3424.5	3416.9
24.5°	3466.8	3460.8	3440.5	3421.1	3413.5
25°	3464.2	3458.3	3437.2	3417.7	3410.1
25.5°	3461.7	3455.8	3433.8	3414.3	3405.9
26°	3459.1	3453.2	3430.4	3410.9	3402.5
26.5°	3456.6	3449.8	3427.0	3406.7	3398.3
27°	3453.2	3446.5	3422.8	3402.5	3394.0
27.5°	3449.8	3443.1	3418.5	3398.3	3389.8
28°	3446.5	3438.8	3414.3	3394.0	3385.6
28.5°	3442.2	3434.6	3410.1	3388.9	3380.5
29°	3438.0	3430.4	3405.0	3383.9	3375.4
29.5°	3433.8	3425.3	3399.9	3378.8	3369.5
30°	3428.7	3420.2	3394.0	3372.9	3363.6
30.5°	3423.6	3415.2	3388.1	3367.0	3358.5
31°	3417.7	3409.2	3382.2	3361.0	3351.7
31.5°	3412.6	3403.3	3375.4	3355.1	3345.8
32°	3405.9	3396.6	3369.5	3348.4	3339.0
32.5°	3399.1	3389.8	3361.9	3340.7	3331.4
33°	3392.3	3382.2	3354.3	3334.0	3323.8
33.5°	3384.7	3374.6	3346.7	3326.4	3316.2
34°	3376.3	3366.1	3338.2	3317.9	3308.6
34.5°	3367.8	3357.7	3329.7	3309.4	3300.1
35°	3359.3	3348.4	3320.4	3300.1	3290.8
35.5°	3350.0	3339.0	3311.1	3290.8	3281.5
36°	3340.7	3328.9	3301.0	3281.5	3271.4
36.5°	3329.7	3318.7	3290.8	3271.4	3262.1
37°	3318.7	3307.8	3279.8	3260.4	3251.1
37.5°	3307.8	3295.9	3268.8	3249.4	3239.2
38°	3295.9	3284.9	3257.0	3238.4	3228.3
38.5°	3284.1	3272.2	3244.3	3225.7	3216.4
39°	3271.4	3258.7	3231.6	3213.9	3203.7
39.5°	3257.9	3245.2	3219.0	3200.3	3191.0
40°	3243.5	3231.6	3204.6	3186.8	3177.5
40.5°	3229.9	3217.3	3190.2	3173.3	3163.1
41°	3214.7	3202.0	3175.8	3158.1	3147.9
41.5°	3198.7	3186.0	3159.7	3142.8	3132.7
42°	3182.6	3169.9	3143.7	3127.6	3116.6
42.5°	3165.7	3153.0	3126.8	3110.7	3100.5
43°	3148.8	3135.2	3109.8	3093.8	3083.6
43.5°	3131.0	3117.5	3092.1	3076.0	3065.9



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L835-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	3072.6	3059.1	3034.6	3020.2	3009.2
45.5°	3052.3	3038.0	3014.3	2999.9	2989.7
46°	3031.2	3016.8	2993.1	2978.8	2968.6
46.5°	3009.2	2994.8	2972.0	2957.6	2947.5
47°	2986.4	2972.8	2949.2	2936.5	2925.5
47.5°	2963.5	2949.2	2926.3	2913.6	2902.6
48°	2940.7	2925.5	2903.5	2890.0	2879.0
48.5°	2916.2	2901.8	2879.8	2867.1	2857.0
49°	2890.0	2876.4	2854.4	2840.9	2831.6
49.5°	2864.6	2851.0	2829.1	2816.4	2806.2
50°	2838.4	2824.0	2803.7	2791.0	2780.8
50.5°	2811.3	2796.9	2776.6	2763.9	2754.6
51°	2784.2	2769.9	2749.6	2736.9	2726.7
51.5°	2755.5	2741.1	2720.8	2709.0	2699.7
52°	2726.7	2712.3	2692.0	2681.0	2671.7
52.5°	2698.0	2683.6	2663.3	2651.4	2643.0
53°	2666.7	2653.1	2634.5	2623.5	2614.2
53.5°	2635.4	2621.8	2603.2	2592.2	2583.8
54°	2604.1	2590.6	2571.9	2561.0	2553.3
54.5°	2573.6	2559.3	2541.5	2530.5	2522.9
55°	2540.7	2527.1	2509.4	2498.4	2490.8
55.5°	2507.7	2494.1	2476.4	2465.4	2458.6
56°	2473.0	2460.3	2442.5	2433.2	2426.5
56.5°	2438.3	2426.5	2408.7	2399.4	2392.6
57°	2404.5	2391.8	2374.9	2366.4	2359.7
57.5°	2370.7	2357.1	2340.2	2331.8	2325.0
58°	2333.4	2320.8	2304.7	2296.2	2290.3
58.5°	2297.1	2285.2	2268.3	2260.7	2254.8
59°	2260.7	2248.9	2232.8	2225.2	2219.3
59.5°	2222.6	2211.7	2195.6	2188.0	2182.1
60°	2185.4	2173.6	2158.4	2151.6	2145.7
60.5°	2147.4	2137.2	2121.2	2114.4	2108.5
61°	2108.5	2098.3	2083.1	2076.3	2070.4
61.5°	2068.7	2060.3	2045.0	2038.3	2033.2
62°	2029.8	2021.4	2006.1	2000.2	1995.1
62.5°	1990.1	1981.6	1966.4	1960.5	1955.4
63°	1950.3	1941.9	1927.5	1921.6	1916.5
63.5°	1909.7	1901.3	1887.7	1881.8	1876.7
64°	1869.1	1860.7	1846.3	1842.1	1836.1
64.5°	1828.5	1820.1	1805.7	1801.5	1796.4
65°	1787.1	1780.3	1766.8	1761.7	1758.3
65.5°	1746.5	1738.0	1725.3	1721.1	1716.0
66°	1703.4	1696.6	1683.9	1679.7	1676.3





TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L835-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	1578.2	1570.6	1559.6	1555.3	1551.1
68°	1535.0	1528.3	1517.3	1513.9	1509.7
68.5°	1491.9	1485.1	1474.2	1471.6	1469.1
69°	1448.8	1442.0	1432.7	1430.2	1426.8
69.5°	1406.5	1399.7	1391.3	1388.7	1384.5
70°	1363.4	1357.4	1349.0	1346.4	1342.2
70.5°	1320.2	1314.3	1306.7	1304.2	1299.9
71°	1277.1	1272.0	1265.3	1261.9	1257.6
71.5°	1234.8	1229.7	1222.1	1219.6	1216.2
72°	1191.7	1187.4	1179.8	1178.1	1173.9
72.5°	1148.5	1145.2	1137.5	1135.9	1132.5
73°	1105.4	1102.0	1094.4	1092.7	1090.2
73.5°	1063.1	1059.7	1053.0	1050.4	1047.9
74°	1020.8	1018.3	1011.5	1009.8	1006.5
74.5°	977.7	976.0	970.1	967.5	965.0
75°	934.6	934.6	928.6	926.9	924.4
75.5°	893.1	893.1	887.2	885.5	883.0
76°	851.7	851.7	845.8	844.1	840.8
76.5°	809.8	810.2	805.2	803.4	800.6
77°	769.7	770.1	765.6	763.3	760.5
77.5°	726.8	728.9	725.2	723.1	720.3
78°	686.8	689.4	685.6	684.0	681.6
78.5°	649.1	650.7	648.3	646.3	643.0
79°	609.6	610.9	609.3	607.6	604.4
79.5°	570.7	572.8	571.7	570.2	566.5
80°	533.4	534.9	535.2	532.9	529.4
80.5°	494.2	497.3	497.8	495.5	493.8
81°	457.9	460.9	461.7	460.3	458.0
81.5°	422.2	425.7	426.4	425.7	422.6
82°	386.4	390.7	391.9	391.3	387.9
82.5°	352.3	357.0	358.3	357.8	354.7
83°	319.1	324.3	325.5	326.0	323.1
83.5°	287.0	292.0	293.6	294.1	290.9
84°	256.3	260.7	262.7	263.5	260.9
84.5°	227.0	230.6	233.0	234.1	232.8
85°	199.4	202.0	204.3	205.8	204.0
85.5°	172.7	174.7	176.4	178.8	177.4
86°	147.8	149.9	151.1	152.9	152.9
86.5°	124.2	125.1	126.0	128.2	128.2
87°	101.5	101.6	101.9	104.7	104.8
87.5°	78.3	79.0	79.3	81.8	82.6
88°	55.2	57.2	57.7	60.0	59.8
88.5°	39.1	39.1	39.0	41.3	41.8



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L835-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	1.9	1.8	1.9	1.9	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	0.8
94.5°	0.8	0.8	0.7	0.8	0.8
95°	0.8	0.6	0.8	0.7	0.8
95.5°	0.7	0.8	0.8	0.8	0.8
96°	0.9	0.9	0.8	0.8	0.8
96.5°	0.9	0.8	0.8	0.8	0.8
97°	0.9	0.8	0.9	0.8	1.0
97.5°	1.0	0.8	0.8	0.8	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°	1.3	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°	1.4	1.3	1.3	1.2	1.1
104.5°	1.3	1.4	1.4	1.4	1.2
105°	1.5	1.4	1.3	1.4	1.4
105.5°	1.4	1.2	1.4	1.3	1.3
106°	1.4	1.4	1.4	1.4	1.5
106.5°	1.5	1.4	1.4	1.4	1.3
107°	1.4	1.4	1.5	1.5	1.4
107.5°	1.6	1.4	1.5	1.6	1.5
108°	1.6	1.4	1.4	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°	1.8	1.5	1.8	1.7	1.5
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-L835-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	2.0	2.1	2.2	2.1	1.9
113°	2.3	2.0	2.0	2.1	2.1
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°	2.5	2.5	2.5	2.5	2.3
115°	2.5	2.5	2.5	2.5	2.5
115.5°	2.8	2.5	2.7	2.6	2.5
116°	2.7	2.8	2.8	2.7	2.6
116.5°	2.9	2.9	2.9	2.9	2.8
117°	3.0	3.0	3.0	3.0	2.7
117.5°	3.2	3.0	3.1	3.0	2.9
118°	3.2	3.1	3.3	3.1	3.0
118.5°	3.5	3.3	3.3	3.2	3.1
119°	3.5	3.5	3.6	3.3	3.3
119.5°	3.6	3.6	3.6	3.5	3.4
120°	3.7	3.7	3.6	3.6	3.6
120.5°	3.8	3.6	3.8	3.7	3.6
121°	3.8	3.8	3.8	3.8	3.6
121.5°	4.2	4.1	4.0	3.8	3.8
122°	4.0	4.2	4.1	4.0	4.1
122.5°	4.3	4.2	4.1	4.1	4.0
123°	4.4	4.4	4.2	4.2	4.1
123.5°	4.4	4.6	4.3	4.1	4.3
124°	4.5	4.6	4.5	4.3	4.3
124.5°	4.7	4.6	4.5	4.4	4.4
125°	4.9	4.7	4.7	4.6	4.6
125.5°	4.9	4.8	4.7	4.6	4.7
126°	4.9	4.7	4.7	4.7	4.6
126.5°	4.7	4.8	4.9	4.7	4.7
127°	4.9	4.9	4.7	4.7	4.6
127.5°	5.1	5.0	4.9	4.7	4.6
128°	5.1	4.8	4.8	4.7	4.7
128.5°	4.9	4.9	4.7	4.6	4.7
129°	4.8	4.8	4.7	4.7	4.6
129.5°	4.7	4.8	4.7	4.7	4.7
130°	4.7	4.8	4.7	4.5	4.6
130.5°	4.9	4.7	4.7	4.3	4.6
131°	4.7	4.7	4.7	4.4	4.5
131.5°	4.7	4.6	4.4	4.3	4.4
132°	4.7	4.5	4.5	4.3	4.3
132.5°	4.7	4.5	4.4	4.3	4.4
133°	4.5	4.3	4.3	4.1	4.2
133.5°	4.6	4.3	4.1	4.0	4.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L835-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	4.4	4.1	4.0	3.9	4.2
135.5°	4.1	4.2	4.0	3.8	4.1
136°	4.1	4.0	3.8	3.6	4.1
136.5°	4.1	4.0	3.8	3.6	4.0
137°	4.1	3.9	3.8	3.6	3.9
137.5°	4.0	3.8	3.7	3.5	3.7
138°	3.9	3.7	3.6	3.5	3.7
138.5°	4.0	3.7	3.6	3.4	3.6
139°	3.5	3.6	3.6	3.2	3.7
139.5°	3.7	3.5	3.4	3.3	3.6
140°	3.6	3.4	3.5	3.2	3.4
140.5°	3.6	3.4	3.4	3.2	3.4
141°	3.5	3.4	3.3	3.0	3.2
141.5°	3.2	3.4	3.4	3.0	3.2
142°	3.1	3.1	3.3	3.1	3.0
142.5°	3.1	3.3	3.2	3.0	3.0
143°	3.3	3.2	3.2	3.1	3.0
143.5°	3.3	3.2	3.2	3.0	3.0
144°	3.3	3.0	3.3	2.9	3.0
144.5°	3.1	3.0	3.1	3.0	3.0
145°	3.2	3.0	3.1	2.8	3.0
145.5°	3.1	3.0	3.0	2.8	3.2
146°	3.1	3.0	2.9	2.8	3.0
146.5°	3.2	3.0	2.9	2.8	3.0
147°	3.1	3.0	2.8	2.9	2.9
147.5°	3.0	3.0	2.8	2.9	3.1
148°	3.1	3.0	2.9	2.8	3.1
148.5°	3.2	3.0	2.9	2.8	3.1
149°	3.1	3.0	2.9	2.8	3.1
149.5°	3.3	2.9	2.9	2.8	3.2
150°	3.2	3.0	2.9	2.8	3.1
150.5°	3.1	3.0	2.9	2.9	3.1
151°	3.3	3.0	2.8	2.9	3.3
151.5°	3.2	3.0	2.8	2.9	3.3
152°	3.3	3.0	3.0	3.0	3.1
152.5°	3.3	3.1	2.9	3.0	3.3
153°	3.2	3.0	3.0	3.1	3.4
153.5°	3.5	3.1	2.9	3.0	3.3
154°	3.3	3.1	3.0	3.0	3.3
154.5°	3.3	3.0	3.0	3.2	3.4
155°	3.1	3.1	3.1	3.2	3.5
155.5°	3.3	3.0	3.0	3.1	3.4
156°	3.1	3.1	3.1	3.1	3.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L835-CFR2

**CANDELA DISTRIBUTION (continued):**

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L835-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	3.3	3.3	3.3	3.3	3.3



Report Generated By 670246072 / DESKTOP-MV3F9LC







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







21.5°	3476.1	3471.8	3454.9	3438.8	3432.1
22°	3474.4	3470.1	3452.4	3436.3	3429.5



44°	3111.5	3098.9	3073.5	3058.3	3048.1
44.5°	3092.1	3078.6	3054.9	3038.8	3028.7



66.5°	1661.9	1655.1	1642.5	1638.2	1634.0
67°	1620.5	1612.9	1601.0	1596.8	1593.4



89°	24.7	24.3	24.0	25.3	25.6
89.5°	10.9	11.1	10.8	11.6	11.4



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





134°	4.3	4.2	4.1	4.1	4.3
134.5°	4.4	4.1	4.1	3.9	4.1



156.5°	3.3	3.0	3.1	3.2	3.3
157°	3.2	3.0	3.1	3.1	3.3



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



(END OF REPORT)