

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-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-140-L835-CFD2  
Description: 14000 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

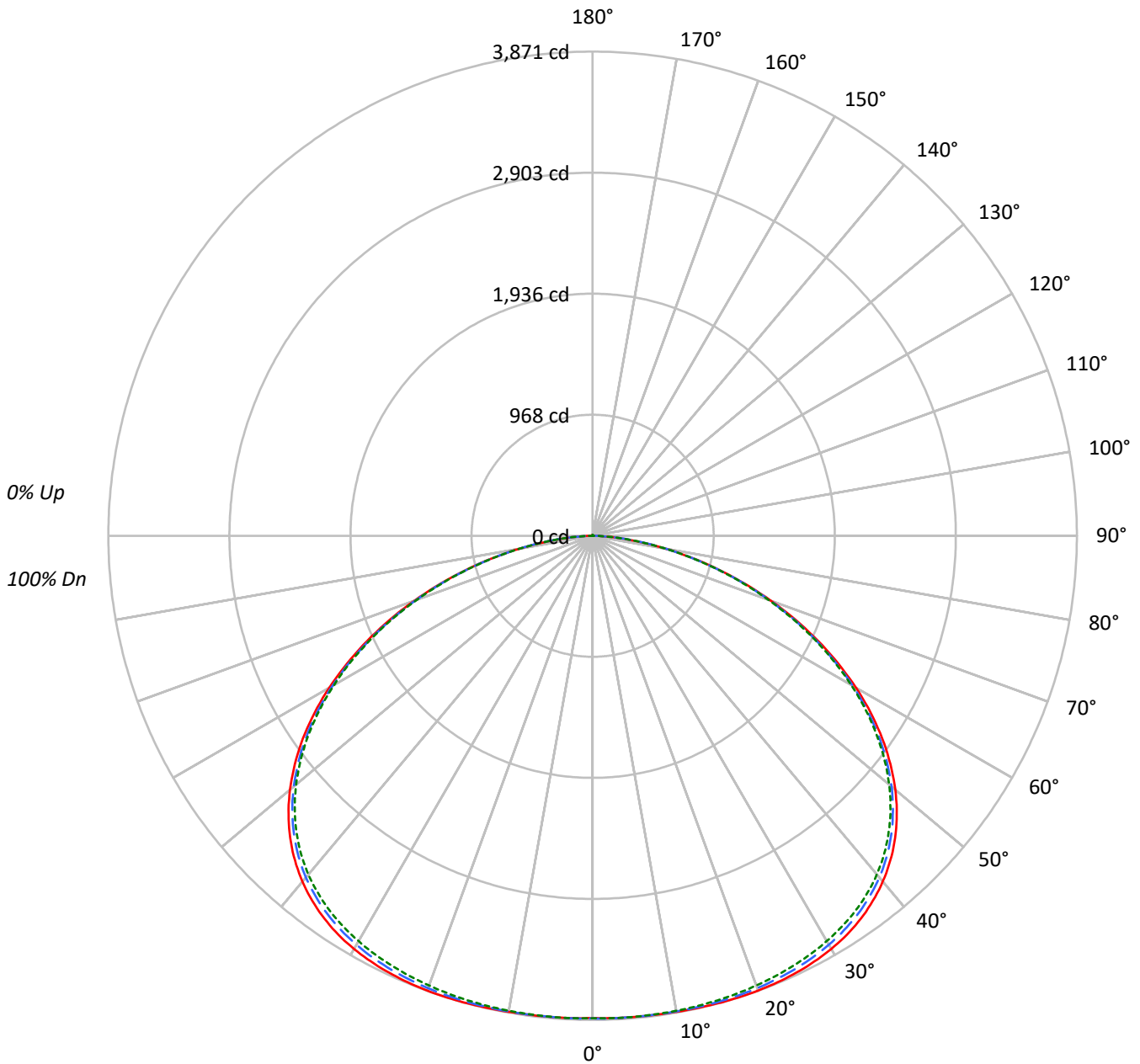
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 13968.0 lumens  
Efficiency: N/A  
Efficacy: 116.4 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): 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									
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°	2754	2754	2754
5°	2757	2752	2756
10°	2781	2769	2774
15°	2828	2807	2810
20°	2894	2860	2862
25°	2976	2929	2930
30°	3068	3007	3010
35°	3162	3088	3097
40°	3246	3161	3180
45°	3309	3213	3241
50°	3336	3230	3269
55°	3315	3197	3250
60°	3231	3102	3172
65°	3075	2938	3026
70°	2832	2685	2788
75°	2472	2323	2445
80°	1962	1821	1947
85°	1219	1099	1247



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	368.6	2.6
10°-20°	1093.3	7.8
20°-30°	1767.5	12.7
30°-40°	2315.0	16.6
40°-50°	2603.9	18.6
50°-60°	2491.7	17.8
60°-70°	1943.3	13.9
70°-80°	1095.2	7.8
80°-90°	271.0	1.9
90°-100°	1.0	0.0
100°-110°	1.6	0.0
110°-120°	2.9	0.0
120°-130°	4.4	0.0
130°-140°	3.5	0.0
140°-150°	2.2	0.0
150°-160°	1.6	0.0
160°-170°	1.0	0.0
170°-180°	0.4	0.0
0°-30°	3229.4	23.1
0°-40°	5544.4	39.7
0°-60°	10640.0	76.2
0°-90°	13949.6	99.9
90°-120°	5.4	0.0
90°-150°	15.5	0.1
90°-180°	18.0	0.1
0°-180°	13968.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3858	3858	3858	3858	3858	
5°	3861	3862	3861	3861	3860	369
15°	3870	3869	3859	3851	3846	1097
25°	3854	3847	3824	3802	3794	1781
35°	3737	3725	3694	3671	3661	2340
45°	3418	3403	3376	3360	3348	2633
55°	2826	2811	2792	2779	2771	2519
65°	1988	1980	1966	1960	1956	1963
75°	1040	1040	1033	1031	1028	1102
85°	222	225	227	229	227	257
90°	2	2	2	2	2	11
95°	1	1	1	1	1	1
105°	2	2	1	2	2	2
115°	3	3	3	3	3	3
125°	6	5	5	5	5	5
135°	5	5	4	4	5	4
145°	4	3	4	3	3	2
155°	4	4	4	4	4	2
165°	4	4	3	4	4	1
175°	4	4	4	4	4	0
180°	4	4	4	4	4	



TEST NUMBER: P#

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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	3857.6	3857.6	3857.6	3857.6	3857.6
0.5°	3856.6	3859.4	3860.4	3859.4	3857.6
1°	3857.6	3859.4	3860.4	3860.4	3858.5
1.5°	3858.5	3860.4	3860.4	3860.4	3859.4
2°	3858.5	3860.4	3860.4	3861.3	3859.4
2.5°	3859.4	3861.3	3861.3	3861.3	3859.4
3°	3860.4	3861.3	3861.3	3861.3	3860.4
3.5°	3860.4	3861.3	3861.3	3861.3	3860.4
4°	3861.3	3861.3	3861.3	3861.3	3860.4
4.5°	3861.3	3862.3	3861.3	3861.3	3860.4
5°	3861.3	3862.3	3861.3	3861.3	3860.4
5.5°	3861.3	3862.3	3861.3	3861.3	3860.4
6°	3862.3	3862.3	3861.3	3861.3	3859.4
6.5°	3862.3	3863.2	3862.3	3861.3	3859.4
7°	3862.3	3863.2	3861.3	3861.3	3859.4
7.5°	3862.3	3863.2	3861.3	3860.4	3858.5
8°	3863.2	3863.2	3862.3	3860.4	3858.5
8.5°	3863.2	3864.1	3861.3	3860.4	3857.6
9°	3864.1	3864.1	3862.3	3859.4	3857.6
9.5°	3864.1	3865.1	3861.3	3859.4	3856.6
10°	3865.1	3865.1	3861.3	3858.5	3855.7
10.5°	3866.0	3866.0	3861.3	3858.5	3855.7
11°	3866.0	3866.0	3861.3	3857.6	3854.7
11.5°	3867.0	3867.0	3861.3	3856.6	3853.8
12°	3867.0	3867.0	3861.3	3856.6	3852.9
12.5°	3867.9	3867.0	3860.4	3855.7	3851.9
13°	3867.9	3867.0	3860.4	3854.7	3851.0
13.5°	3868.8	3867.9	3860.4	3853.8	3850.0
14°	3868.8	3867.9	3860.4	3852.9	3848.1
14.5°	3869.8	3867.9	3859.4	3851.9	3847.2
15°	3869.8	3868.8	3859.4	3851.0	3846.3
15.5°	3870.7	3868.8	3858.5	3849.1	3844.4
16°	3869.8	3868.8	3857.6	3848.1	3842.5
16.5°	3870.7	3868.8	3857.6	3846.3	3840.6
17°	3870.7	3867.9	3856.6	3844.4	3839.7
17.5°	3870.7	3867.9	3854.7	3843.4	3837.8
18°	3870.7	3867.9	3853.8	3841.6	3835.0
18.5°	3870.7	3867.0	3852.9	3839.7	3833.1
19°	3869.8	3867.0	3851.9	3837.8	3831.2
19.5°	3869.8	3866.0	3850.0	3835.0	3828.4
20°	3868.8	3865.1	3848.1	3833.1	3826.5
20.5°	3867.9	3864.1	3847.2	3831.2	3823.7
21°	3867.9	3863.2	3845.3	3828.4	3820.9



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	3864.1	3858.5	3838.7	3819.9	3811.5
23°	3862.3	3856.6	3835.9	3817.1	3808.6
23.5°	3860.4	3854.7	3833.1	3813.3	3804.9
24°	3858.5	3852.9	3830.3	3809.6	3801.1
24.5°	3856.6	3850.0	3827.4	3805.8	3797.3
25°	3853.8	3847.2	3823.7	3802.0	3793.6
25.5°	3851.0	3844.4	3819.9	3798.3	3788.9
26°	3848.1	3841.6	3816.2	3794.5	3785.1
26.5°	3845.3	3837.8	3812.4	3789.8	3780.4
27°	3841.6	3834.0	3807.7	3785.1	3775.7
27.5°	3837.8	3830.3	3803.0	3780.4	3771.0
28°	3834.0	3825.6	3798.3	3775.7	3766.3
28.5°	3829.3	3820.9	3793.6	3770.1	3760.6
29°	3824.6	3816.2	3787.9	3764.4	3755.0
29.5°	3819.9	3810.5	3782.3	3758.8	3748.4
30°	3814.3	3804.9	3775.7	3752.2	3741.8
30.5°	3808.6	3799.2	3769.1	3745.6	3736.2
31°	3802.0	3792.6	3762.5	3739.0	3728.7
31.5°	3796.4	3786.0	3755.0	3732.4	3722.1
32°	3788.9	3778.5	3748.4	3724.9	3714.5
32.5°	3781.3	3771.0	3739.9	3716.4	3706.1
33°	3773.8	3762.5	3731.5	3708.9	3697.6
33.5°	3765.4	3754.1	3723.0	3700.4	3689.1
34°	3755.9	3744.7	3713.6	3691.0	3680.7
34.5°	3746.5	3735.2	3704.2	3681.6	3671.3
35°	3737.1	3724.9	3693.8	3671.3	3660.9
35.5°	3726.8	3714.5	3683.5	3660.9	3650.6
36°	3716.4	3703.3	3672.2	3650.6	3639.3
36.5°	3704.2	3692.0	3660.9	3639.3	3628.9
37°	3692.0	3679.7	3648.7	3627.0	3616.7
37.5°	3679.7	3666.6	3636.5	3614.8	3603.5
38°	3666.6	3654.3	3623.3	3602.6	3591.3
38.5°	3653.4	3640.2	3609.2	3588.5	3578.1
39°	3639.3	3625.2	3595.1	3575.3	3564.0
39.5°	3624.2	3610.1	3580.9	3560.2	3549.9
40°	3608.2	3595.1	3564.9	3545.2	3534.8
40.5°	3593.2	3579.1	3549.0	3530.1	3518.8
41°	3576.2	3562.1	3533.0	3513.2	3501.9
41.5°	3558.4	3544.2	3515.1	3496.3	3485.0
42°	3540.5	3526.4	3497.2	3479.3	3467.1
42.5°	3521.7	3507.6	3478.4	3460.5	3449.2
43°	3502.8	3487.8	3459.6	3441.7	3430.4
43.5°	3483.1	3468.0	3439.8	3421.9	3410.6



TEST NUMBER: P#

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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	3418.2	3403.1	3375.8	3359.8	3347.6
45.5°	3395.6	3379.6	3353.3	3337.3	3326.0
46°	3372.1	3356.1	3329.7	3313.7	3302.4
46.5°	3347.6	3331.6	3306.2	3290.2	3278.9
47°	3322.2	3307.1	3280.8	3266.7	3254.5
47.5°	3296.8	3280.8	3255.4	3241.3	3229.1
48°	3271.4	3254.5	3230.0	3214.9	3202.7
48.5°	3244.1	3228.1	3203.7	3189.5	3178.2
49°	3214.9	3199.9	3175.4	3160.4	3150.0
49.5°	3186.7	3171.7	3147.2	3133.1	3121.8
50°	3157.6	3141.6	3119.0	3104.9	3093.6
50.5°	3127.4	3111.4	3088.9	3074.8	3064.4
51°	3097.3	3081.3	3058.8	3044.6	3033.4
51.5°	3065.3	3049.4	3026.8	3013.6	3003.2
52°	3033.4	3017.4	2994.8	2982.5	2972.2
52.5°	3001.4	2985.4	2962.8	2949.6	2940.2
53°	2966.6	2951.5	2930.8	2918.6	2908.2
53.5°	2931.7	2916.7	2896.0	2883.8	2874.3
54°	2896.9	2881.9	2861.2	2848.9	2840.5
54.5°	2863.1	2847.1	2827.3	2815.1	2806.6
55°	2826.4	2811.3	2791.6	2779.3	2770.9
55.5°	2789.7	2774.6	2754.9	2742.6	2735.1
56°	2751.1	2737.0	2717.2	2706.9	2699.3
56.5°	2712.5	2699.3	2679.6	2669.2	2661.7
57°	2674.9	2660.8	2642.0	2632.5	2625.0
57.5°	2637.3	2622.2	2603.4	2594.0	2586.4
58°	2595.9	2581.7	2563.9	2554.5	2547.9
58.5°	2555.4	2542.2	2523.4	2514.9	2508.4
59°	2514.9	2501.8	2483.9	2475.4	2468.8
59.5°	2472.6	2460.4	2442.5	2434.0	2427.4
60°	2431.2	2418.0	2401.1	2393.6	2387.0
60.5°	2388.9	2377.6	2359.7	2352.2	2345.6
61°	2345.6	2334.3	2317.4	2309.8	2303.2
61.5°	2301.4	2292.0	2275.0	2267.5	2261.8
62°	2258.1	2248.7	2231.7	2225.2	2219.5
62.5°	2213.9	2204.5	2187.5	2180.9	2175.3
63°	2169.6	2160.2	2144.2	2137.7	2132.0
63.5°	2124.5	2115.1	2100.0	2093.4	2087.8
64°	2079.3	2069.9	2053.9	2049.2	2042.6
64.5°	2034.2	2024.7	2008.8	2004.0	1998.4
65°	1988.1	1980.5	1965.5	1959.8	1956.1
65.5°	1942.9	1933.5	1919.4	1914.7	1909.0
66°	1894.9	1887.4	1873.3	1868.6	1864.8





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	1755.7	1747.2	1735.0	1730.3	1725.6
68°	1707.7	1700.1	1687.9	1684.2	1679.4
68.5°	1659.7	1652.2	1639.9	1637.1	1634.3
69°	1611.7	1604.2	1593.8	1591.0	1587.2
69.5°	1564.7	1557.1	1547.7	1544.9	1540.2
70°	1516.7	1510.1	1500.7	1497.9	1493.2
70.5°	1468.7	1462.1	1453.6	1450.8	1446.1
71°	1420.7	1415.1	1407.5	1403.8	1399.1
71.5°	1373.7	1368.0	1359.6	1356.7	1353.0
72°	1325.7	1321.0	1312.5	1310.6	1305.9
72.5°	1277.7	1273.9	1265.5	1263.6	1259.8
73°	1229.7	1226.0	1217.5	1215.6	1212.8
73.5°	1182.7	1178.9	1171.4	1168.6	1165.7
74°	1135.6	1132.8	1125.3	1123.4	1119.6
74.5°	1087.6	1085.8	1079.2	1076.4	1073.5
75°	1039.7	1039.7	1033.1	1031.2	1028.4
75.5°	993.6	993.6	987.0	985.1	982.3
76°	947.5	947.5	940.9	939.1	935.3
76.5°	900.9	901.3	895.7	893.7	890.6
77°	856.3	856.7	851.7	849.1	846.0
77.5°	808.6	810.8	806.7	804.4	801.3
78°	764.1	766.9	762.7	760.9	758.2
78.5°	722.1	723.9	721.2	719.0	715.3
79°	678.2	679.6	677.8	675.9	672.3
79.5°	634.9	637.2	636.0	634.3	630.2
80°	593.4	595.1	595.4	592.8	589.0
80.5°	549.7	553.2	553.8	551.3	549.3
81°	509.4	512.7	513.6	512.1	509.5
81.5°	469.7	473.5	474.4	473.5	470.2
82°	429.9	434.6	436.0	435.3	431.6
82.5°	391.9	397.1	398.6	398.1	394.6
83°	355.0	360.7	362.1	362.6	359.4
83.5°	319.3	324.8	326.6	327.1	323.7
84°	285.1	290.0	292.2	293.2	290.3
84.5°	252.5	256.5	259.2	260.4	259.0
85°	221.9	224.7	227.2	228.9	226.9
85.5°	192.1	194.4	196.3	198.9	197.3
86°	164.5	166.7	168.0	170.1	170.1
86.5°	138.1	139.2	140.2	142.6	142.6
87°	112.9	113.0	113.4	116.5	116.6
87.5°	87.1	87.9	88.3	91.0	91.9
88°	61.4	63.6	64.2	66.7	66.5
88.5°	43.5	43.5	43.4	45.9	46.5



TEST NUMBER: P#

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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	2.1	2.0	2.1	2.2	2.0
90.5°	0.7	0.6	0.7	0.8	0.7
91°	0.7	0.6	0.6	0.7	0.6
91.5°	0.8	0.7	0.8	0.6	0.5
92°	0.7	0.7	0.7	0.8	0.7
92.5°	0.8	0.7	0.7	0.8	0.7
93°	0.8	0.8	0.8	0.7	0.6
93.5°	0.8	0.7	0.8	0.8	0.8
94°	0.8	0.8	0.8	0.8	0.9
94.5°	0.8	0.8	0.8	0.8	0.8
95°	0.8	0.7	0.8	0.8	0.9
95.5°	0.8	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	1.1
97.5°	1.1	0.9	0.9	0.8	1.1
98°	1.2	1.0	1.0	1.0	1.2
98.5°	1.2	1.0	0.9	0.9	1.1
99°	1.1	1.1	1.0	0.9	1.0
99.5°	1.2	0.9	1.1	1.0	1.0
100°	1.2	1.1	1.1	1.1	1.2
100.5°	1.2	1.2	1.1	1.2	1.2
101°	1.3	1.1	1.1	1.1	1.1
101.5°	1.4	1.1	1.2	1.2	1.3
102°	1.5	1.2	1.3	1.2	1.3
102.5°	1.3	1.2	1.2	1.3	1.3
103°	1.3	1.1	1.3	1.2	1.3
103.5°	1.4	1.4	1.3	1.3	1.2
104°	1.6	1.4	1.4	1.3	1.2
104.5°	1.4	1.5	1.5	1.5	1.3
105°	1.7	1.5	1.4	1.6	1.6
105.5°	1.6	1.3	1.5	1.4	1.4
106°	1.5	1.5	1.6	1.6	1.7
106.5°	1.7	1.5	1.6	1.5	1.4
107°	1.6	1.6	1.7	1.7	1.5
107.5°	1.8	1.6	1.7	1.8	1.7
108°	1.8	1.6	1.5	1.8	1.6
108.5°	1.8	1.8	1.8	1.7	1.6
109°	1.9	1.8	1.8	1.8	1.9
109.5°	2.0	1.7	2.0	1.9	1.7
110°	1.9	1.9	1.9	2.0	1.9
110.5°	2.0	1.9	2.0	2.0	2.1
111°	2.0	2.1	2.1	2.1	2.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L835-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	2.3	2.4	2.4	2.4	2.2
113°	2.5	2.3	2.3	2.4	2.4
113.5°	2.5	2.5	2.5	2.6	2.6
114°	2.6	2.6	2.7	2.7	2.6
114.5°	2.8	2.8	2.7	2.7	2.5
115°	2.8	2.8	2.7	2.8	2.7
115.5°	3.1	2.8	3.0	2.9	2.7
116°	3.0	3.1	3.1	3.0	2.9
116.5°	3.2	3.2	3.2	3.2	3.1
117°	3.4	3.4	3.4	3.4	3.0
117.5°	3.6	3.4	3.5	3.4	3.2
118°	3.6	3.5	3.7	3.5	3.3
118.5°	3.9	3.7	3.7	3.6	3.5
119°	3.9	3.9	4.0	3.7	3.7
119.5°	4.0	4.0	4.0	3.9	3.8
120°	4.1	4.1	4.0	4.0	4.0
120.5°	4.2	4.0	4.2	4.1	4.0
121°	4.2	4.2	4.2	4.2	4.0
121.5°	4.7	4.5	4.4	4.2	4.2
122°	4.4	4.7	4.5	4.4	4.5
122.5°	4.8	4.7	4.6	4.6	4.4
123°	4.9	4.9	4.7	4.7	4.6
123.5°	4.9	5.1	4.8	4.6	4.8
124°	5.0	5.1	5.0	4.8	4.8
124.5°	5.3	5.1	5.0	4.9	4.9
125°	5.5	5.3	5.2	5.1	5.1
125.5°	5.5	5.4	5.2	5.1	5.2
126°	5.5	5.3	5.2	5.2	5.1
126.5°	5.3	5.4	5.5	5.2	5.3
127°	5.5	5.5	5.3	5.2	5.1
127.5°	5.6	5.6	5.5	5.2	5.1
128°	5.6	5.4	5.4	5.2	5.3
128.5°	5.5	5.5	5.3	5.1	5.3
129°	5.4	5.4	5.3	5.2	5.1
129.5°	5.3	5.4	5.3	5.2	5.2
130°	5.3	5.4	5.2	5.0	5.1
130.5°	5.5	5.3	5.3	4.8	5.1
131°	5.2	5.2	5.2	4.9	5.0
131.5°	5.3	5.1	4.9	4.8	4.9
132°	5.2	5.0	5.0	4.8	4.8
132.5°	5.2	5.0	4.9	4.8	4.9
133°	5.0	4.8	4.8	4.5	4.7
133.5°	5.1	4.8	4.6	4.4	4.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L835-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	4.9	4.6	4.4	4.3	4.7
135.5°	4.6	4.7	4.4	4.2	4.5
136°	4.5	4.4	4.2	4.0	4.5
136.5°	4.6	4.4	4.2	4.0	4.4
137°	4.5	4.3	4.2	4.0	4.3
137.5°	4.4	4.2	4.1	3.9	4.1
138°	4.3	4.1	4.0	3.9	4.1
138.5°	4.4	4.1	4.0	3.8	4.0
139°	3.9	4.0	4.0	3.6	4.1
139.5°	4.1	3.9	3.8	3.7	4.0
140°	4.0	3.8	3.9	3.6	3.8
140.5°	4.0	3.8	3.8	3.6	3.8
141°	3.9	3.8	3.7	3.4	3.6
141.5°	3.6	3.8	3.8	3.4	3.6
142°	3.5	3.5	3.7	3.5	3.3
142.5°	3.5	3.7	3.6	3.4	3.3
143°	3.7	3.6	3.6	3.5	3.3
143.5°	3.7	3.6	3.6	3.3	3.3
144°	3.7	3.4	3.7	3.2	3.4
144.5°	3.5	3.4	3.5	3.3	3.4
145°	3.6	3.4	3.5	3.1	3.4
145.5°	3.5	3.3	3.4	3.1	3.6
146°	3.5	3.3	3.2	3.1	3.4
146.5°	3.6	3.3	3.2	3.1	3.4
147°	3.5	3.3	3.1	3.2	3.2
147.5°	3.4	3.3	3.1	3.2	3.5
148°	3.5	3.3	3.2	3.1	3.5
148.5°	3.6	3.4	3.2	3.1	3.5
149°	3.5	3.3	3.2	3.1	3.5
149.5°	3.7	3.2	3.2	3.1	3.6
150°	3.6	3.4	3.2	3.1	3.5
150.5°	3.5	3.3	3.2	3.2	3.5
151°	3.7	3.3	3.1	3.2	3.7
151.5°	3.6	3.4	3.1	3.2	3.7
152°	3.7	3.4	3.3	3.4	3.5
152.5°	3.7	3.5	3.2	3.3	3.7
153°	3.6	3.4	3.3	3.5	3.8
153.5°	3.9	3.5	3.2	3.4	3.7
154°	3.7	3.5	3.4	3.4	3.7
154.5°	3.7	3.4	3.4	3.6	3.8
155°	3.5	3.5	3.5	3.6	3.9
155.5°	3.7	3.4	3.4	3.5	3.8
156°	3.5	3.5	3.5	3.5	3.8



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L835-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	3.5	3.3	3.4	3.6	3.7
158°	3.8	3.5	3.4	3.5	3.8
158.5°	3.6	3.5	3.3	3.5	3.7
159°	3.7	3.5	3.4	3.5	3.9
159.5°	3.6	3.4	3.4	3.5	4.0
160°	3.6	3.5	3.3	3.5	3.8
160.5°	3.5	3.4	3.4	3.6	3.8
161°	3.5	3.4	3.4	3.6	3.8
161.5°	3.6	3.5	3.4	3.4	3.6
162°	3.5	3.4	3.5	3.6	3.6
162.5°	3.7	3.6	3.5	3.5	3.7
163°	3.7	3.5	3.6	3.6	3.6
163.5°	3.6	3.5	3.6	3.6	3.9
164°	3.5	3.6	3.5	3.8	3.8
164.5°	3.4	3.7	3.6	3.8	3.9
165°	3.5	3.5	3.4	3.7	3.8
165.5°	3.3	3.5	3.4	4.0	3.8
166°	3.6	3.6	3.5	3.8	3.7
166.5°	3.6	3.5	3.4	3.9	3.5
167°	3.5	3.8	3.5	4.0	3.9
167.5°	3.6	3.8	3.6	4.0	3.9
168°	3.7	3.7	3.5	4.0	3.8
168.5°	3.6	3.9	3.7	4.2	3.9
169°	3.9	3.8	3.5	4.2	3.9
169.5°	3.8	3.8	3.6	4.1	4.0
170°	3.9	3.8	3.7	4.2	3.9
170.5°	3.9	4.0	3.7	4.2	4.0
171°	3.9	3.9	3.9	4.2	4.1
171.5°	3.8	3.9	3.9	4.3	4.0
172°	3.8	3.9	4.0	4.3	4.0
172.5°	4.0	4.0	4.0	4.3	4.0
173°	3.8	3.8	4.0	4.3	4.1
173.5°	4.0	4.0	4.1	4.2	4.2
174°	4.1	4.1	4.4	4.3	4.1
174.5°	4.1	4.3	4.3	4.5	4.3
175°	4.4	4.3	4.4	4.5	4.2
175.5°	4.4	4.3	4.6	4.4	4.4
176°	4.6	4.5	4.4	4.3	4.3
176.5°	4.7	4.4	4.5	4.1	4.3
177°	4.5	4.4	4.2	4.1	4.3
177.5°	4.6	4.4	4.1	4.0	4.4
178°	4.3	4.2	4.0	4.0	4.1
178.5°	4.2	4.1	4.0	4.0	4.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L835-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	3.7	3.7	3.7	3.7	3.7



Report Generated By 670246072 / DESKTOP-MV3F9LC







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







21.5°	3867.0	3862.3	3843.4	3825.6	3818.0
22°	3865.1	3860.4	3840.6	3822.7	3815.2



44°	3461.5	3447.3	3419.1	3402.2	3390.9
44.5°	3439.8	3424.8	3398.4	3380.5	3369.2



66.5°	1848.8	1841.3	1827.2	1822.5	1817.8
67°	1802.7	1794.2	1781.1	1776.4	1772.6



89°	27.5	27.0	26.7	28.1	28.5
89.5°	12.1	12.3	12.0	12.9	12.7



111.5°	2.4	2.1	2.2	2.2	2.1
112°	2.4	2.2	2.2	2.2	2.4





134°	4.8	4.7	4.6	4.5	4.8
134.5°	4.9	4.6	4.6	4.3	4.5



156.5°	3.7	3.4	3.5	3.6	3.7
157°	3.6	3.4	3.5	3.5	3.7



179°	4.0	4.0	3.8	3.9	4.0
179.5°	3.6	3.8	3.7	3.6	3.9



(END OF REPORT)