

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-160-L935-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-160-L935-CFD2  
Description: 16000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS  
AND 3500K CCT, 90CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No. Condition Description

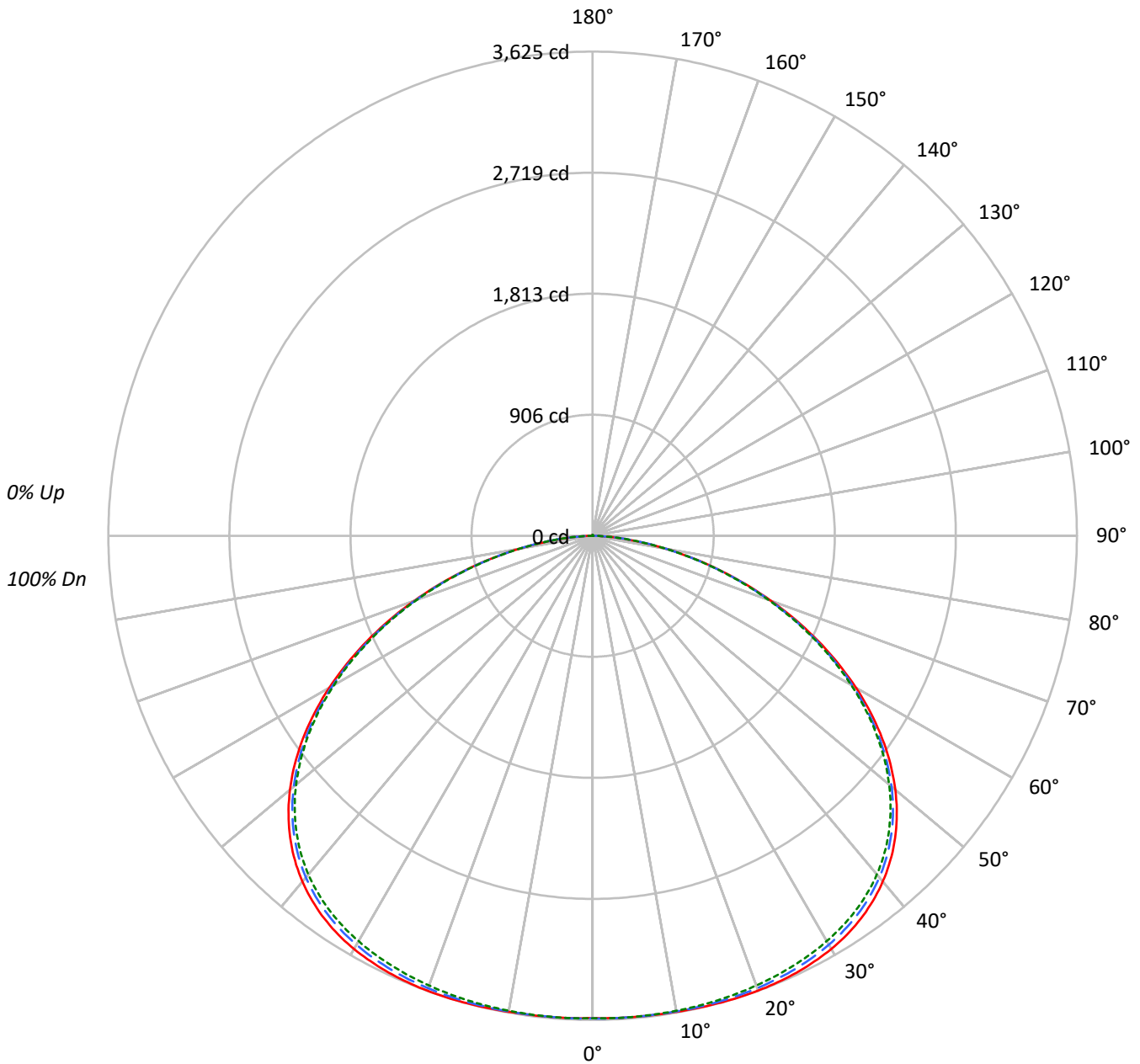
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 13081.0 lumens  
Efficiency: N/A  
Efficacy: 101.1 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): 129.4  
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°	2579	2579	2579
5°	2582	2578	2581
10°	2604	2594	2598
15°	2648	2629	2632
20°	2710	2679	2681
25°	2787	2743	2744
30°	2873	2816	2819
35°	2961	2892	2901
40°	3040	2961	2978
45°	3099	3009	3035
50°	3124	3025	3061
55°	3104	2994	3043
60°	3026	2905	2971
65°	2880	2751	2834
70°	2652	2514	2611
75°	2315	2176	2290
80°	1837	1705	1824
85°	1142	1029	1168



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	345.2	2.6
10°-20°	1023.9	7.8
20°-30°	1655.2	12.7
30°-40°	2168.0	16.6
40°-50°	2438.6	18.6
50°-60°	2333.5	17.8
60°-70°	1819.9	13.9
70°-80°	1025.6	7.8
80°-90°	253.8	1.9
90°-100°	0.9	0.0
100°-110°	1.5	0.0
110°-120°	2.7	0.0
120°-130°	4.1	0.0
130°-140°	3.3	0.0
140°-150°	2.0	0.0
150°-160°	1.5	0.0
160°-170°	1.0	0.0
170°-180°	0.4	0.0
0°-30°	3024.3	23.1
0°-40°	5192.3	39.7
0°-60°	9964.4	76.2
0°-90°	13063.7	99.9
90°-120°	5.0	0.0
90°-150°	14.5	0.1
90°-180°	17.0	0.1
0°-180°	13081.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3613	3613	3613	3613	3613	
5°	3616	3617	3616	3616	3615	345
15°	3624	3623	3614	3606	3602	1027
25°	3609	3603	3581	3561	3553	1668
35°	3500	3488	3459	3438	3428	2191
45°	3201	3187	3162	3146	3135	2466
55°	2647	2633	2614	2603	2595	2359
65°	1862	1855	1841	1835	1832	1838
75°	974	974	968	966	963	1032
85°	208	210	213	214	212	241
90°	2	2	2	2	2	10
95°	1	1	1	1	1	1
105°	2	1	1	2	2	2
115°	3	3	3	3	3	3
125°	5	5	5	5	5	4
135°	5	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°	3612.6	3612.6	3612.6	3612.6	3612.6
0.5°	3611.7	3614.4	3615.2	3614.4	3612.6
1°	3612.6	3614.4	3615.2	3615.2	3613.5
1.5°	3613.5	3615.2	3615.2	3615.2	3614.4
2°	3613.5	3615.2	3615.2	3616.1	3614.4
2.5°	3614.4	3616.1	3616.1	3616.1	3614.4
3°	3615.2	3616.1	3616.1	3616.1	3615.2
3.5°	3615.2	3616.1	3616.1	3616.1	3615.2
4°	3616.1	3616.1	3616.1	3616.1	3615.2
4.5°	3616.1	3617.0	3616.1	3616.1	3615.2
5°	3616.1	3617.0	3616.1	3616.1	3615.2
5.5°	3616.1	3617.0	3616.1	3616.1	3615.2
6°	3617.0	3617.0	3616.1	3616.1	3614.4
6.5°	3617.0	3617.9	3617.0	3616.1	3614.4
7°	3617.0	3617.9	3616.1	3616.1	3614.4
7.5°	3617.0	3617.9	3616.1	3615.2	3613.5
8°	3617.9	3617.9	3617.0	3615.2	3613.5
8.5°	3617.9	3618.8	3616.1	3615.2	3612.6
9°	3618.8	3618.8	3617.0	3614.4	3612.6
9.5°	3618.8	3619.6	3616.1	3614.4	3611.7
10°	3619.6	3619.6	3616.1	3613.5	3610.8
10.5°	3620.5	3620.5	3616.1	3613.5	3610.8
11°	3620.5	3620.5	3616.1	3612.6	3609.9
11.5°	3621.4	3621.4	3616.1	3611.7	3609.1
12°	3621.4	3621.4	3616.1	3611.7	3608.2
12.5°	3622.3	3621.4	3615.2	3610.8	3607.3
13°	3622.3	3621.4	3615.2	3609.9	3606.4
13.5°	3623.2	3622.3	3615.2	3609.1	3605.5
14°	3623.2	3622.3	3615.2	3608.2	3603.8
14.5°	3624.0	3622.3	3614.4	3607.3	3602.9
15°	3624.0	3623.2	3614.4	3606.4	3602.0
15.5°	3624.9	3623.2	3613.5	3604.7	3600.3
16°	3624.0	3623.2	3612.6	3603.8	3598.5
16.5°	3624.9	3623.2	3612.6	3602.0	3596.7
17°	3624.9	3622.3	3611.7	3600.3	3595.9
17.5°	3624.9	3622.3	3609.9	3599.4	3594.1
18°	3624.9	3622.3	3609.1	3597.6	3591.4
18.5°	3624.9	3621.4	3608.2	3595.9	3589.7
19°	3624.0	3621.4	3607.3	3594.1	3587.9
19.5°	3624.0	3620.5	3605.5	3591.4	3585.3
20°	3623.2	3619.6	3603.8	3589.7	3583.5
20.5°	3622.3	3618.8	3602.9	3587.9	3580.9
21°	3622.3	3617.9	3601.1	3585.3	3578.2



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	3618.8	3613.5	3595.0	3577.3	3569.4
23°	3617.0	3611.7	3592.3	3574.7	3566.8
23.5°	3615.2	3609.9	3589.7	3571.2	3563.2
24°	3613.5	3608.2	3587.0	3567.7	3559.7
24.5°	3611.7	3605.5	3584.4	3564.1	3556.2
25°	3609.1	3602.9	3580.9	3560.6	3552.7
25.5°	3606.4	3600.3	3577.3	3557.1	3548.3
26°	3603.8	3597.6	3573.8	3553.6	3544.7
26.5°	3601.1	3594.1	3570.3	3549.2	3540.3
27°	3597.6	3590.6	3565.9	3544.7	3535.9
27.5°	3594.1	3587.0	3561.5	3540.3	3531.5
28°	3590.6	3582.6	3557.1	3535.9	3527.1
28.5°	3586.2	3578.2	3552.7	3530.6	3521.8
29°	3581.8	3573.8	3547.4	3525.4	3516.6
29.5°	3577.3	3568.5	3542.1	3520.1	3510.4
30°	3572.1	3563.2	3535.9	3513.9	3504.2
30.5°	3566.8	3558.0	3529.8	3507.7	3498.9
31°	3560.6	3551.8	3523.6	3501.6	3491.9
31.5°	3555.3	3545.6	3516.6	3495.4	3485.7
32°	3548.3	3538.6	3510.4	3488.4	3478.7
32.5°	3541.2	3531.5	3502.5	3480.4	3470.7
33°	3534.2	3523.6	3494.5	3473.4	3462.8
33.5°	3526.2	3515.7	3486.6	3465.4	3454.9
34°	3517.4	3506.9	3477.8	3456.6	3446.9
34.5°	3508.6	3498.0	3469.0	3447.8	3438.1
35°	3499.8	3488.4	3459.3	3438.1	3428.4
35.5°	3490.1	3478.7	3449.6	3428.4	3418.7
36°	3480.4	3468.1	3439.0	3418.7	3408.2
36.5°	3469.0	3457.5	3428.4	3408.2	3398.5
37°	3457.5	3446.1	3417.0	3396.7	3387.0
37.5°	3446.1	3433.7	3405.5	3385.3	3374.7
38°	3433.7	3422.3	3393.2	3373.8	3363.2
38.5°	3421.4	3409.1	3380.0	3360.6	3350.9
39°	3408.2	3395.0	3366.8	3348.3	3337.7
39.5°	3394.1	3380.9	3353.5	3334.2	3324.5
40°	3379.1	3366.8	3338.6	3320.1	3310.4
40.5°	3365.0	3351.8	3323.6	3306.0	3295.4
41°	3349.1	3335.9	3308.6	3290.1	3279.5
41.5°	3332.4	3319.2	3291.9	3274.2	3263.7
42°	3315.7	3302.4	3275.1	3258.4	3246.9
42.5°	3298.0	3284.8	3257.5	3240.8	3230.2
43°	3280.4	3266.3	3239.9	3223.1	3212.6
43.5°	3261.9	3247.8	3221.4	3204.6	3194.1



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	3201.1	3187.0	3161.5	3146.5	3135.0
45.5°	3180.0	3165.0	3140.3	3125.3	3114.8
46°	3157.9	3143.0	3118.3	3103.3	3092.7
46.5°	3135.0	3120.0	3096.3	3081.3	3070.7
47°	3111.2	3097.1	3072.5	3059.2	3047.8
47.5°	3087.4	3072.5	3048.7	3035.5	3024.0
48°	3063.7	3047.8	3024.9	3010.8	2999.3
48.5°	3038.1	3023.1	3000.2	2987.0	2976.4
49°	3010.8	2996.7	2973.8	2959.7	2950.0
49.5°	2984.4	2970.3	2947.3	2934.1	2923.6
50°	2957.0	2942.1	2920.9	2907.7	2897.1
50.5°	2928.8	2913.9	2892.7	2879.5	2869.8
51°	2900.6	2885.7	2864.5	2851.3	2840.7
51.5°	2870.7	2855.7	2834.6	2822.2	2812.5
52°	2840.7	2825.8	2804.6	2793.2	2783.5
52.5°	2810.8	2795.8	2774.6	2762.3	2753.5
53°	2778.2	2764.1	2744.7	2733.2	2723.5
53.5°	2745.6	2731.5	2712.1	2700.6	2691.8
54°	2713.0	2698.9	2679.5	2668.0	2660.1
54.5°	2681.2	2666.3	2647.8	2636.3	2628.4
55°	2646.9	2632.8	2614.3	2602.8	2594.9
55.5°	2612.5	2598.4	2579.9	2568.5	2561.4
56°	2576.4	2563.2	2544.7	2535.0	2527.9
56.5°	2540.3	2527.9	2509.4	2499.7	2492.7
57°	2505.0	2491.8	2474.2	2465.4	2458.3
57.5°	2469.8	2455.7	2438.1	2429.2	2422.2
58°	2431.0	2417.8	2401.1	2392.2	2386.1
58.5°	2393.1	2380.8	2363.2	2355.2	2349.1
59°	2355.2	2342.9	2326.2	2318.2	2312.1
59.5°	2315.6	2304.1	2287.4	2279.5	2273.3
60°	2276.8	2264.5	2248.6	2241.6	2235.4
60.5°	2237.2	2226.6	2209.8	2202.8	2196.6
61°	2196.6	2186.1	2170.2	2163.1	2157.0
61.5°	2155.2	2146.4	2130.5	2123.5	2118.2
62°	2114.7	2105.9	2090.0	2083.8	2078.6
62.5°	2073.3	2064.5	2048.6	2042.4	2037.1
63°	2031.9	2023.1	2008.1	2001.9	1996.6
63.5°	1989.6	1980.8	1966.7	1960.5	1955.2
64°	1947.3	1938.5	1923.5	1919.1	1912.9
64.5°	1905.0	1896.2	1881.2	1876.8	1871.5
65°	1861.8	1854.8	1840.7	1835.4	1831.8
65.5°	1819.5	1810.7	1797.5	1793.1	1787.8
66°	1774.6	1767.5	1754.3	1749.9	1746.4





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	1644.2	1636.2	1624.8	1620.4	1616.0
68°	1599.2	1592.2	1580.7	1577.2	1572.8
68.5°	1554.3	1547.2	1535.8	1533.1	1530.5
69°	1509.4	1502.3	1492.6	1490.0	1486.4
69.5°	1465.3	1458.3	1449.4	1446.8	1442.4
70°	1420.4	1414.2	1405.4	1402.7	1398.3
70.5°	1375.4	1369.3	1361.3	1358.7	1354.3
71°	1330.5	1325.2	1318.2	1314.6	1310.2
71.5°	1286.4	1281.1	1273.2	1270.6	1267.1
72°	1241.5	1237.1	1229.2	1227.4	1223.0
72.5°	1196.6	1193.0	1185.1	1183.3	1179.8
73°	1151.6	1148.1	1140.2	1138.4	1135.8
73.5°	1107.6	1104.0	1097.0	1094.4	1091.7
74°	1063.5	1060.9	1053.8	1052.1	1048.5
74.5°	1018.6	1016.8	1010.6	1008.0	1005.4
75°	973.6	973.6	967.5	965.7	963.1
75.5°	930.5	930.5	924.3	922.5	919.9
76°	887.3	887.3	881.1	879.4	875.9
76.5°	843.7	844.0	838.8	837.0	834.1
77°	801.9	802.3	797.6	795.2	792.3
77.5°	757.2	759.3	755.5	753.4	750.4
78°	715.6	718.2	714.2	712.6	710.1
78.5°	676.3	677.9	675.4	673.4	669.9
79°	635.1	636.4	634.8	633.0	629.6
79.5°	594.6	596.8	595.6	594.1	590.2
80°	555.7	557.3	557.6	555.2	551.6
80.5°	514.8	518.1	518.6	516.2	514.4
81°	477.0	480.1	481.0	479.6	477.1
81.5°	439.9	443.5	444.3	443.5	440.3
82°	402.6	407.0	408.3	407.7	404.2
82.5°	367.0	371.9	373.3	372.8	369.5
83°	332.4	337.8	339.1	339.6	336.6
83.5°	299.1	304.2	305.8	306.4	303.1
84°	267.0	271.6	273.7	274.6	271.8
84.5°	236.5	240.2	242.7	243.9	242.6
85°	207.8	210.4	212.8	214.4	212.5
85.5°	179.9	182.0	183.8	186.3	184.8
86°	154.0	156.1	157.4	159.3	159.3
86.5°	129.3	130.3	131.3	133.6	133.6
87°	105.7	105.8	106.2	109.1	109.2
87.5°	81.6	82.3	82.6	85.2	86.1
88°	57.5	59.6	60.1	62.5	62.3
88.5°	40.7	40.7	40.6	43.0	43.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L935-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	1.9	1.9	1.9	2.0	1.9
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	1.1
97.5°	1.1	0.9	0.9	0.8	1.1
98°	1.1	1.0	1.0	1.0	1.1
98.5°	1.1	1.0	0.9	0.9	1.1
99°	1.1	1.1	1.0	0.9	1.0
99.5°	1.1	0.9	1.1	1.0	1.0
100°	1.1	1.1	1.1	1.1	1.1
100.5°	1.1	1.1	1.1	1.1	1.1
101°	1.2	1.1	1.1	1.1	1.1
101.5°	1.3	1.1	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	1.1	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°	1.8	1.7	1.7	1.7	1.8
109.5°	1.9	1.6	1.9	1.8	1.6
110°	1.8	1.8	1.8	1.9	1.8
110.5°	1.9	1.8	1.9	1.9	1.9
111°	1.9	1.9	1.9	1.9	1.9



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L935-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	2.1	2.2	2.3	2.2	2.0
113°	2.4	2.1	2.1	2.2	2.2
113.5°	2.4	2.4	2.4	2.5	2.5
114°	2.5	2.5	2.6	2.6	2.5
114.5°	2.6	2.6	2.6	2.6	2.4
115°	2.6	2.6	2.6	2.6	2.6
115.5°	2.9	2.6	2.8	2.7	2.6
116°	2.8	2.9	2.9	2.8	2.7
116.5°	3.0	3.0	3.0	3.0	2.9
117°	3.2	3.2	3.2	3.2	2.8
117.5°	3.3	3.2	3.3	3.2	3.0
118°	3.3	3.3	3.4	3.3	3.1
118.5°	3.6	3.4	3.4	3.3	3.3
119°	3.6	3.6	3.7	3.4	3.4
119.5°	3.7	3.7	3.7	3.6	3.5
120°	3.9	3.9	3.8	3.7	3.8
120.5°	4.0	3.8	4.0	3.9	3.8
121°	4.0	4.0	4.0	4.0	3.8
121.5°	4.4	4.2	4.1	4.0	4.0
122°	4.1	4.4	4.2	4.1	4.2
122.5°	4.5	4.4	4.3	4.3	4.1
123°	4.6	4.6	4.4	4.4	4.3
123.5°	4.6	4.8	4.5	4.3	4.5
124°	4.7	4.8	4.7	4.5	4.5
124.5°	4.9	4.8	4.7	4.6	4.6
125°	5.1	4.9	4.8	4.8	4.8
125.5°	5.1	5.0	4.8	4.8	4.8
126°	5.1	4.9	4.8	4.8	4.8
126.5°	4.9	5.0	5.1	4.8	4.9
127°	5.1	5.1	4.9	4.8	4.8
127.5°	5.3	5.2	5.1	4.8	4.8
128°	5.3	5.0	5.0	4.8	4.9
128.5°	5.1	5.1	4.9	4.8	4.9
129°	5.0	5.0	4.9	4.8	4.8
129.5°	4.9	5.0	4.9	4.8	4.8
130°	4.9	5.0	4.8	4.7	4.8
130.5°	5.1	4.9	4.9	4.5	4.8
131°	4.8	4.8	4.8	4.6	4.7
131.5°	4.9	4.8	4.6	4.5	4.6
132°	4.8	4.7	4.7	4.5	4.5
132.5°	4.8	4.7	4.6	4.5	4.6
133°	4.7	4.5	4.5	4.2	4.4
133.5°	4.8	4.5	4.3	4.1	4.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L935-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	4.6	4.3	4.1	4.1	4.4
135.5°	4.3	4.4	4.1	4.0	4.2
136°	4.2	4.1	4.0	3.8	4.2
136.5°	4.3	4.1	4.0	3.8	4.1
137°	4.2	4.1	4.0	3.8	4.1
137.5°	4.1	4.0	3.9	3.6	3.9
138°	4.1	3.9	3.7	3.6	3.9
138.5°	4.1	3.9	3.8	3.5	3.8
139°	3.6	3.8	3.7	3.3	3.9
139.5°	3.9	3.6	3.5	3.4	3.8
140°	3.8	3.5	3.6	3.3	3.5
140.5°	3.8	3.5	3.5	3.3	3.5
141°	3.6	3.5	3.4	3.2	3.3
141.5°	3.3	3.5	3.5	3.2	3.3
142°	3.3	3.3	3.4	3.3	3.1
142.5°	3.3	3.4	3.3	3.2	3.1
143°	3.4	3.3	3.3	3.3	3.1
143.5°	3.4	3.3	3.3	3.1	3.1
144°	3.4	3.2	3.4	3.0	3.2
144.5°	3.3	3.2	3.3	3.1	3.2
145°	3.3	3.2	3.3	2.9	3.2
145.5°	3.3	3.1	3.2	2.9	3.3
146°	3.3	3.1	3.0	2.9	3.2
146.5°	3.3	3.1	3.0	2.9	3.2
147°	3.3	3.1	2.9	3.0	3.0
147.5°	3.2	3.1	2.9	3.0	3.3
148°	3.3	3.1	3.0	2.9	3.3
148.5°	3.3	3.2	3.0	2.9	3.3
149°	3.3	3.1	3.0	2.9	3.3
149.5°	3.4	3.0	3.0	2.9	3.3
150°	3.3	3.2	3.0	2.9	3.3
150.5°	3.3	3.1	3.0	3.0	3.3
151°	3.4	3.1	2.9	3.0	3.4
151.5°	3.3	3.2	2.9	3.0	3.4
152°	3.4	3.2	3.1	3.2	3.3
152.5°	3.4	3.3	3.0	3.1	3.4
153°	3.3	3.2	3.1	3.3	3.5
153.5°	3.6	3.3	3.0	3.2	3.4
154°	3.4	3.3	3.2	3.2	3.4
154.5°	3.4	3.2	3.2	3.3	3.5
155°	3.3	3.3	3.3	3.3	3.6
155.5°	3.4	3.2	3.2	3.3	3.5
156°	3.3	3.3	3.3	3.3	3.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L935-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	3.3	3.1	3.2	3.3	3.4
158°	3.5	3.3	3.2	3.3	3.5
158.5°	3.3	3.3	3.1	3.3	3.4
159°	3.4	3.3	3.2	3.3	3.6
159.5°	3.3	3.2	3.2	3.3	3.7
160°	3.3	3.3	3.1	3.3	3.5
160.5°	3.3	3.2	3.2	3.3	3.5
161°	3.3	3.2	3.2	3.3	3.5
161.5°	3.3	3.3	3.2	3.2	3.3
162°	3.3	3.2	3.3	3.3	3.3
162.5°	3.4	3.3	3.3	3.3	3.4
163°	3.4	3.3	3.3	3.3	3.3
163.5°	3.3	3.3	3.3	3.3	3.6
164°	3.3	3.3	3.3	3.5	3.5
164.5°	3.2	3.4	3.3	3.5	3.6
165°	3.3	3.3	3.2	3.4	3.5
165.5°	3.1	3.3	3.2	3.7	3.5
166°	3.3	3.3	3.3	3.5	3.4
166.5°	3.3	3.3	3.2	3.6	3.3
167°	3.3	3.5	3.3	3.7	3.6
167.5°	3.3	3.5	3.3	3.8	3.6
168°	3.4	3.4	3.3	3.7	3.5
168.5°	3.3	3.6	3.4	4.0	3.6
169°	3.6	3.5	3.3	4.0	3.6
169.5°	3.5	3.5	3.3	3.9	3.7
170°	3.6	3.5	3.4	4.0	3.6
170.5°	3.6	3.7	3.4	4.0	3.8
171°	3.6	3.6	3.6	4.0	3.9
171.5°	3.5	3.6	3.6	4.1	3.7
172°	3.5	3.6	3.7	4.1	3.8
172.5°	3.7	3.7	3.8	4.1	3.8
173°	3.5	3.5	3.8	4.1	3.9
173.5°	3.8	3.7	3.9	4.0	4.0
174°	3.9	3.9	4.1	4.1	3.9
174.5°	3.9	4.1	4.1	4.2	4.1
175°	4.1	4.1	4.1	4.2	4.0
175.5°	4.1	4.1	4.3	4.1	4.1
176°	4.3	4.2	4.1	4.1	4.1
176.5°	4.4	4.1	4.2	3.9	4.1
177°	4.2	4.1	4.0	3.9	4.1
177.5°	4.3	4.1	3.9	3.8	4.1
178°	4.1	4.0	3.8	3.8	3.9
178.5°	4.0	3.9	3.7	3.7	3.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L935-CFD2

**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°	3621.4	3617.0	3599.4	3582.6	3575.6
22°	3619.6	3615.2	3596.7	3580.0	3572.9



44°	3241.6	3228.4	3202.0	3186.1	3175.6
44.5°	3221.4	3207.3	3182.6	3165.9	3155.3



66.5°	1731.4	1724.4	1711.1	1706.7	1702.3
67°	1688.2	1680.3	1668.0	1663.6	1660.0



89°	25.7	25.3	25.0	26.3	26.7
89.5°	11.4	11.5	11.3	12.1	11.9



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





134°	4.5	4.4	4.3	4.2	4.5
134.5°	4.6	4.3	4.3	4.1	4.2



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



179°	3.8	3.7	3.5	3.6	3.8
179.5°	3.3	3.5	3.4	3.3	3.6



(END OF REPORT)