

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-L950-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-L950-CFD2
Description: 14000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS
AND 5000K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

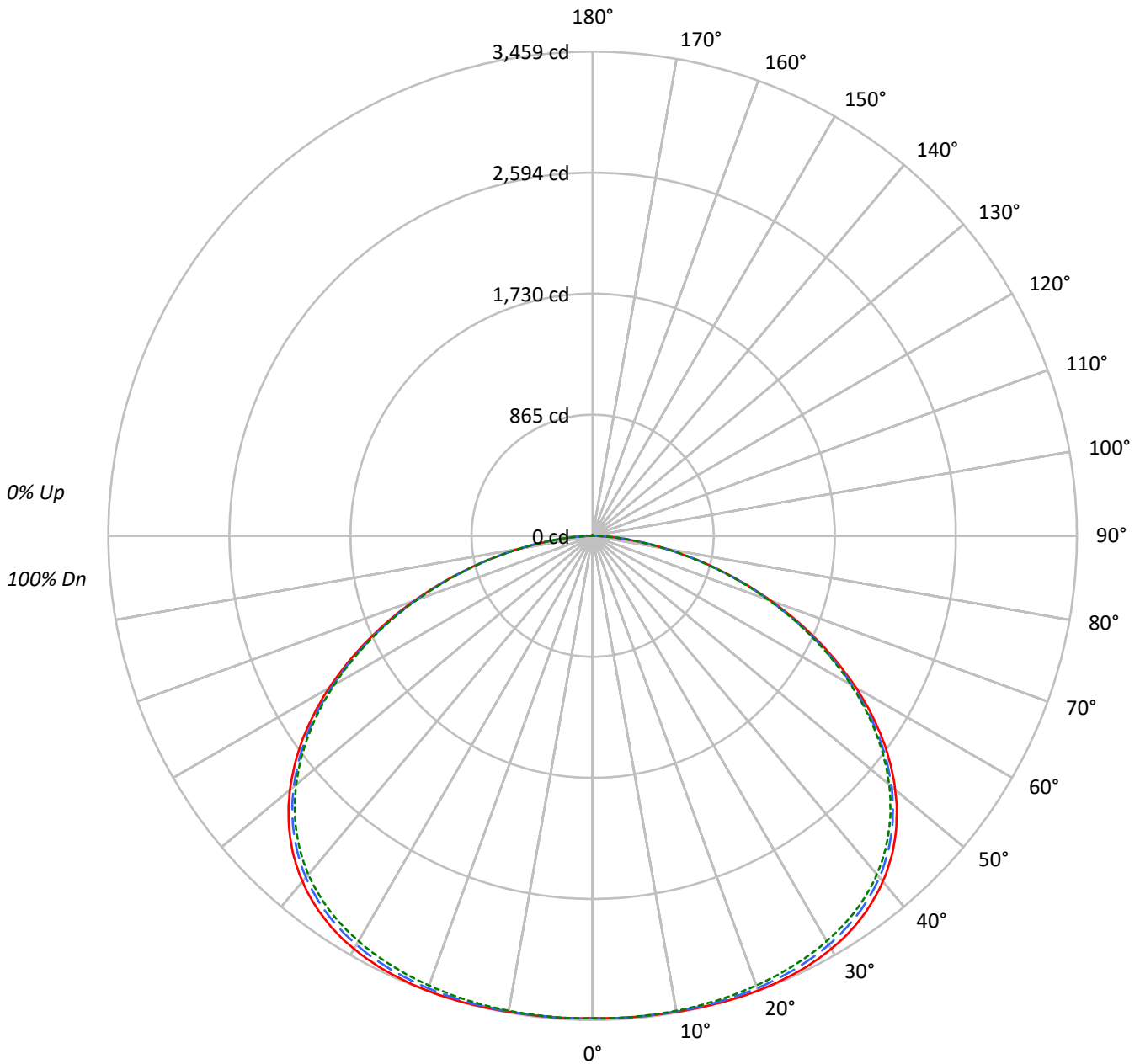
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12481.0 lumens
Efficiency: N/A
Efficacy: 104.0 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 (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					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°	2461	2461	2461
5°	2463	2460	2463
10°	2485	2475	2479
15°	2527	2508	2511
20°	2586	2556	2558
25°	2659	2617	2618
30°	2742	2687	2690
35°	2825	2759	2768
40°	2900	2825	2841
45°	2957	2871	2896
50°	2981	2886	2921
55°	2962	2857	2904
60°	2887	2772	2835
65°	2748	2625	2704
70°	2530	2399	2491
75°	2209	2076	2185
80°	1753	1627	1740
85°	1089	982	1114



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	329.4	2.6
10°-20°	976.9	7.8
20°-30°	1579.3	12.7
30°-40°	2068.6	16.6
40°-50°	2326.7	18.6
50°-60°	2226.4	17.8
60°-70°	1736.5	13.9
70°-80°	978.6	7.8
80°-90°	242.1	1.9
90°-100°	0.9	0.0
100°-110°	1.4	0.0
110°-120°	2.5	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°	2885.6	23.1
0°-40°	4954.2	39.7
0°-60°	9507.3	76.2
0°-90°	12464.5	99.9
90°-120°	4.8	0.0
90°-150°	13.8	0.1
90°-180°	16.0	0.1
0°-180°	12481.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3447	3447	3447	3447	3447	
5°	3450	3451	3450	3450	3449	329
15°	3458	3457	3449	3441	3437	980
25°	3444	3438	3417	3397	3390	1592
35°	3339	3328	3301	3280	3271	2091
45°	3054	3041	3016	3002	2991	2353
55°	2526	2512	2494	2483	2476	2251
65°	1776	1770	1756	1751	1748	1754
75°	929	929	923	921	919	985
85°	198	201	203	204	203	230
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	3
125°	5	5	5	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°	3446.9	3446.9	3446.9	3446.9	3446.9
0.5°	3446.0	3448.6	3449.4	3448.6	3446.9
1°	3446.9	3448.6	3449.4	3449.4	3447.7
1.5°	3447.7	3449.4	3449.4	3449.4	3448.6
2°	3447.7	3449.4	3449.4	3450.3	3448.6
2.5°	3448.6	3450.3	3450.3	3450.3	3448.6
3°	3449.4	3450.3	3450.3	3450.3	3449.4
3.5°	3449.4	3450.3	3450.3	3450.3	3449.4
4°	3450.3	3450.3	3450.3	3450.3	3449.4
4.5°	3450.3	3451.1	3450.3	3450.3	3449.4
5°	3450.3	3451.1	3450.3	3450.3	3449.4
5.5°	3450.3	3451.1	3450.3	3450.3	3449.4
6°	3451.1	3451.1	3450.3	3450.3	3448.6
6.5°	3451.1	3451.9	3451.1	3450.3	3448.6
7°	3451.1	3451.9	3450.3	3450.3	3448.6
7.5°	3451.1	3451.9	3450.3	3449.4	3447.7
8°	3451.9	3451.9	3451.1	3449.4	3447.7
8.5°	3451.9	3452.8	3450.3	3449.4	3446.9
9°	3452.8	3452.8	3451.1	3448.6	3446.9
9.5°	3452.8	3453.6	3450.3	3448.6	3446.0
10°	3453.6	3453.6	3450.3	3447.7	3445.2
10.5°	3454.5	3454.5	3450.3	3447.7	3445.2
11°	3454.5	3454.5	3450.3	3446.9	3444.4
11.5°	3455.3	3455.3	3450.3	3446.0	3443.5
12°	3455.3	3455.3	3450.3	3446.0	3442.7
12.5°	3456.1	3455.3	3449.4	3445.2	3441.8
13°	3456.1	3455.3	3449.4	3444.4	3441.0
13.5°	3457.0	3456.1	3449.4	3443.5	3440.2
14°	3457.0	3456.1	3449.4	3442.7	3438.5
14.5°	3457.8	3456.1	3448.6	3441.8	3437.6
15°	3457.8	3457.0	3448.6	3441.0	3436.8
15.5°	3458.7	3457.0	3447.7	3439.3	3435.1
16°	3457.8	3457.0	3446.9	3438.5	3433.4
16.5°	3458.7	3457.0	3446.9	3436.8	3431.8
17°	3458.7	3456.1	3446.0	3435.1	3430.9
17.5°	3458.7	3456.1	3444.4	3434.3	3429.2
18°	3458.7	3456.1	3443.5	3432.6	3426.7
18.5°	3458.7	3455.3	3442.7	3430.9	3425.0
19°	3457.8	3455.3	3441.8	3429.2	3423.3
19.5°	3457.8	3454.5	3440.2	3426.7	3420.8
20°	3457.0	3453.6	3438.5	3425.0	3419.1
20.5°	3456.1	3452.8	3437.6	3423.3	3416.6
21°	3456.1	3451.9	3436.0	3420.8	3414.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	3452.8	3447.7	3430.1	3413.3	3405.7
23°	3451.1	3446.0	3427.6	3410.7	3403.2
23.5°	3449.4	3444.4	3425.0	3407.4	3399.8
24°	3447.7	3442.7	3422.5	3404.0	3396.4
24.5°	3446.0	3440.2	3420.0	3400.7	3393.1
25°	3443.5	3437.6	3416.6	3397.3	3389.7
25.5°	3441.0	3435.1	3413.3	3393.9	3385.5
26°	3438.5	3432.6	3409.9	3390.6	3382.2
26.5°	3436.0	3429.2	3406.5	3386.4	3378.0
27°	3432.6	3425.9	3402.3	3382.2	3373.7
27.5°	3429.2	3422.5	3398.1	3378.0	3369.5
28°	3425.9	3418.3	3393.9	3373.7	3365.3
28.5°	3421.7	3414.1	3389.7	3368.7	3360.3
29°	3417.5	3409.9	3384.7	3363.7	3355.3
29.5°	3413.3	3404.9	3379.6	3358.6	3349.4
30°	3408.2	3399.8	3373.7	3352.7	3343.5
30.5°	3403.2	3394.8	3367.9	3346.8	3338.4
31°	3397.3	3388.9	3362.0	3341.0	3331.7
31.5°	3392.2	3383.0	3355.3	3335.1	3325.8
32°	3385.5	3376.3	3349.4	3328.4	3319.1
32.5°	3378.8	3369.5	3341.8	3320.8	3311.5
33°	3372.1	3362.0	3334.2	3314.1	3304.0
33.5°	3364.5	3354.4	3326.7	3306.5	3296.4
34°	3356.1	3346.0	3318.3	3298.1	3288.8
34.5°	3347.7	3337.6	3309.9	3289.7	3280.4
35°	3339.3	3328.4	3300.6	3280.4	3271.2
35.5°	3330.0	3319.1	3291.4	3271.2	3261.9
36°	3320.8	3309.0	3281.3	3261.9	3251.8
36.5°	3309.9	3298.9	3271.2	3251.8	3242.6
37°	3298.9	3288.0	3260.3	3240.9	3231.7
37.5°	3288.0	3276.2	3249.3	3230.0	3219.9
38°	3276.2	3265.3	3237.6	3219.1	3209.0
38.5°	3264.5	3252.7	3224.9	3206.4	3197.2
39°	3251.8	3239.2	3212.3	3194.7	3184.6
39.5°	3238.4	3225.8	3199.7	3181.2	3172.0
40°	3224.1	3212.3	3185.4	3167.8	3158.5
40.5°	3210.7	3198.0	3171.1	3154.3	3144.2
41°	3195.5	3182.9	3156.8	3139.2	3129.1
41.5°	3179.5	3166.9	3140.9	3124.1	3114.0
42°	3163.6	3151.0	3124.9	3108.9	3098.0
42.5°	3146.8	3134.1	3108.1	3092.1	3082.0
43°	3129.9	3116.5	3091.3	3075.3	3065.2
43.5°	3112.3	3098.8	3073.6	3057.6	3047.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	3054.3	3040.8	3016.4	3002.2	2991.2
45.5°	3034.1	3019.8	2996.3	2982.0	2971.9
46°	3013.1	2998.8	2975.3	2961.0	2950.9
46.5°	2991.2	2976.9	2954.2	2939.9	2929.9
47°	2968.5	2955.1	2931.5	2918.9	2908.0
47.5°	2945.8	2931.5	2908.8	2896.2	2885.3
48°	2923.1	2908.0	2886.1	2872.7	2861.8
48.5°	2898.8	2884.5	2862.6	2850.0	2839.9
49°	2872.7	2859.2	2837.4	2823.9	2814.7
49.5°	2847.5	2834.0	2812.2	2799.5	2789.5
50°	2821.4	2807.1	2786.9	2774.3	2764.2
50.5°	2794.5	2780.2	2760.0	2747.4	2738.2
51°	2767.6	2753.3	2733.1	2720.5	2710.4
51.5°	2739.0	2724.7	2704.5	2692.8	2683.5
52°	2710.4	2696.1	2676.0	2665.0	2655.8
52.5°	2681.8	2667.6	2647.4	2635.6	2627.2
53°	2650.7	2637.3	2618.8	2607.9	2598.6
53.5°	2619.6	2606.2	2587.7	2576.8	2568.4
54°	2588.5	2575.1	2556.6	2545.7	2538.1
54.5°	2558.3	2544.0	2526.3	2515.4	2507.8
55°	2525.5	2512.0	2494.4	2483.4	2475.9
55.5°	2492.7	2479.2	2461.6	2450.7	2443.9
56°	2458.2	2445.6	2428.0	2418.7	2412.0
56.5°	2423.8	2412.0	2394.3	2385.1	2378.4
57°	2390.1	2377.5	2360.7	2352.3	2345.6
57.5°	2356.5	2343.0	2326.2	2317.8	2311.1
58°	2319.5	2306.9	2290.9	2282.5	2276.6
58.5°	2283.4	2271.6	2254.8	2247.2	2241.3
59°	2247.2	2235.4	2219.5	2211.9	2206.0
59.5°	2209.4	2198.4	2182.5	2174.9	2169.0
60°	2172.4	2160.6	2145.5	2138.8	2132.9
60.5°	2134.5	2124.5	2108.5	2101.8	2095.9
61°	2095.9	2085.8	2070.7	2063.9	2058.0
61.5°	2056.4	2048.0	2032.8	2026.1	2021.1
62°	2017.7	2009.3	1994.2	1988.3	1983.2
62.5°	1978.2	1969.8	1954.6	1948.8	1943.7
63°	1938.7	1930.3	1916.0	1910.1	1905.0
63.5°	1898.3	1889.9	1876.5	1870.6	1865.5
64°	1858.0	1849.6	1835.3	1831.1	1825.2
64.5°	1817.6	1809.2	1794.9	1790.7	1785.7
65°	1776.4	1769.7	1756.2	1751.2	1747.8
65.5°	1736.1	1727.6	1715.0	1710.8	1705.8
66°	1693.2	1686.5	1673.8	1669.6	1666.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1568.8	1561.2	1550.3	1546.1	1541.9
68°	1525.9	1519.2	1508.2	1504.9	1500.7
68.5°	1483.0	1476.3	1465.3	1462.8	1460.3
69°	1440.1	1433.4	1424.2	1421.6	1418.3
69.5°	1398.1	1391.4	1383.0	1380.4	1376.2
70°	1355.2	1349.3	1340.9	1338.4	1334.2
70.5°	1312.3	1306.5	1298.9	1296.4	1292.2
71°	1269.5	1264.4	1257.7	1254.3	1250.1
71.5°	1227.4	1222.4	1214.8	1212.3	1208.9
72°	1184.6	1180.3	1172.8	1171.1	1166.9
72.5°	1141.7	1138.3	1130.7	1129.1	1125.7
73°	1098.8	1095.4	1087.9	1086.2	1083.7
73.5°	1056.8	1053.4	1046.7	1044.2	1041.6
74°	1014.7	1012.2	1005.5	1003.8	1000.4
74.5°	971.9	970.2	964.3	961.8	959.2
75°	929.0	929.0	923.1	921.4	918.9
75.5°	887.8	887.8	881.9	880.2	877.7
76°	846.6	846.6	840.7	839.1	835.7
76.5°	805.0	805.3	800.4	798.6	795.8
77°	765.1	765.5	761.0	758.7	756.0
77.5°	722.5	724.5	720.8	718.8	716.0
78°	682.7	685.3	681.5	679.9	677.5
78.5°	645.2	646.8	644.4	642.5	639.2
79°	606.0	607.2	605.6	604.0	600.8
79.5°	567.3	569.4	568.3	566.8	563.1
80°	530.2	531.7	532.0	529.7	526.3
80.5°	491.2	494.3	494.8	492.6	490.8
81°	455.2	458.1	458.9	457.6	455.2
81.5°	419.7	423.1	423.9	423.1	420.1
82°	384.1	388.3	389.6	389.0	385.6
82.5°	350.2	354.9	356.2	355.7	352.6
83°	317.2	322.3	323.6	324.0	321.1
83.5°	285.3	290.2	291.8	292.3	289.2
84°	254.7	259.1	261.1	262.0	259.4
84.5°	225.6	229.2	231.6	232.7	231.4
85°	198.2	200.8	203.0	204.5	202.8
85.5°	171.7	173.7	175.4	177.7	176.3
86°	147.0	149.0	150.1	152.0	152.0
86.5°	123.4	124.3	125.3	127.5	127.5
87°	100.9	101.0	101.3	104.1	104.2
87.5°	77.8	78.5	78.9	81.3	82.1
88°	54.9	56.8	57.3	59.6	59.4
88.5°	38.8	38.8	38.8	41.0	41.5



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	1.8	1.8	1.8	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°	1.3	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	1.3	1.3	1.3	1.2
105°	1.5	1.3	1.3	1.4	1.4
105.5°	1.4	1.2	1.3	1.3	1.3
106°	1.3	1.3	1.4	1.4	1.5
106.5°	1.5	1.3	1.4	1.3	1.3
107°	1.4	1.4	1.5	1.5	1.3
107.5°	1.6	1.4	1.5	1.6	1.5
108°	1.6	1.4	1.3	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	1.8
111°	1.8	1.8	1.8	1.8	1.8



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L950-CFD2

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	2.4	2.4	2.4
114.5°	2.5	2.5	2.4	2.4	2.3
115°	2.5	2.5	2.4	2.5	2.4
115.5°	2.8	2.5	2.7	2.6	2.4
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	2.9
118.5°	3.4	3.3	3.3	3.2	3.1
119°	3.4	3.4	3.5	3.3	3.3
119.5°	3.5	3.5	3.5	3.4	3.4
120°	3.7	3.7	3.6	3.5	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	4.0	4.0	3.8	3.8
122°	4.0	4.2	4.0	4.0	4.0
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	4.5	4.3	4.1	4.3
124°	4.5	4.5	4.5	4.3	4.3
124.5°	4.7	4.5	4.5	4.4	4.4
125°	4.9	4.7	4.6	4.5	4.5
125.5°	4.9	4.8	4.6	4.5	4.6
126°	4.9	4.7	4.6	4.6	4.5
126.5°	4.7	4.8	4.9	4.6	4.7
127°	4.9	4.9	4.7	4.6	4.5
127.5°	5.0	5.0	4.9	4.6	4.5
128°	5.0	4.8	4.8	4.6	4.7
128.5°	4.9	4.9	4.7	4.5	4.7
129°	4.8	4.8	4.7	4.6	4.5
129.5°	4.7	4.8	4.7	4.6	4.6
130°	4.7	4.8	4.6	4.5	4.5
130.5°	4.9	4.7	4.7	4.3	4.5
131°	4.6	4.6	4.6	4.4	4.5
131.5°	4.7	4.5	4.4	4.3	4.4
132°	4.6	4.5	4.5	4.3	4.3
132.5°	4.6	4.5	4.4	4.3	4.4
133°	4.5	4.3	4.3	4.0	4.2
133.5°	4.5	4.3	4.1	4.0	4.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L950-CFD2

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	4.0
136°	4.0	4.0	3.8	3.6	4.0
136.5°	4.1	4.0	3.8	3.6	4.0
137°	4.0	3.9	3.8	3.6	3.9
137.5°	4.0	3.8	3.7	3.4	3.7
138°	3.9	3.7	3.5	3.4	3.7
138.5°	4.0	3.7	3.6	3.4	3.6
139°	3.4	3.6	3.5	3.2	3.7
139.5°	3.7	3.4	3.4	3.3	3.6
140°	3.6	3.4	3.4	3.2	3.4
140.5°	3.6	3.4	3.4	3.2	3.4
141°	3.4	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	2.9
142.5°	3.1	3.3	3.2	3.0	2.9
143°	3.3	3.2	3.2	3.1	2.9
143.5°	3.3	3.2	3.2	2.9	2.9
144°	3.3	3.0	3.3	2.9	3.0
144.5°	3.1	3.0	3.1	2.9	3.0
145°	3.2	3.0	3.1	2.8	3.0
145.5°	3.1	2.9	3.0	2.8	3.2
146°	3.1	2.9	2.9	2.8	3.0
146.5°	3.2	2.9	2.9	2.8	3.0
147°	3.1	2.9	2.8	2.9	2.9
147.5°	3.0	2.9	2.8	2.9	3.1
148°	3.1	2.9	2.9	2.8	3.1
148.5°	3.2	3.0	2.9	2.8	3.1
149°	3.1	2.9	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	2.9	2.9	2.9	3.1
151°	3.3	2.9	2.8	2.9	3.3
151.5°	3.2	3.0	2.8	2.9	3.3
152°	3.3	3.0	2.9	3.0	3.1
152.5°	3.3	3.1	2.9	2.9	3.3
153°	3.2	3.0	2.9	3.1	3.4
153.5°	3.4	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	3.4
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-140-L950-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	3.1	2.9	3.0	3.2	3.3
158°	3.4	3.1	3.0	3.1	3.4
158.5°	3.2	3.1	2.9	3.1	3.3
159°	3.3	3.1	3.0	3.1	3.4
159.5°	3.2	3.0	3.0	3.1	3.5
160°	3.2	3.1	2.9	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	3.4
164°	3.1	3.2	3.1	3.4	3.4
164.5°	3.0	3.3	3.2	3.4	3.4
165°	3.1	3.1	3.0	3.3	3.4
165.5°	2.9	3.1	3.0	3.5	3.4
166°	3.2	3.2	3.1	3.4	3.3
166.5°	3.2	3.1	3.0	3.4	3.1
167°	3.1	3.4	3.1	3.5	3.4
167.5°	3.2	3.4	3.2	3.6	3.4
168°	3.3	3.3	3.1	3.5	3.4
168.5°	3.2	3.4	3.3	3.8	3.4
169°	3.4	3.4	3.1	3.8	3.4
169.5°	3.4	3.4	3.2	3.7	3.5
170°	3.4	3.4	3.3	3.8	3.4
170.5°	3.4	3.5	3.3	3.8	3.6
171°	3.4	3.4	3.4	3.8	3.7
171.5°	3.4	3.4	3.4	3.9	3.5
172°	3.4	3.4	3.5	3.9	3.6
172.5°	3.5	3.5	3.6	3.9	3.6
173°	3.4	3.4	3.6	3.9	3.7
173.5°	3.6	3.5	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	4.0	3.9
175°	4.0	3.9	4.0	4.0	3.8
175.5°	4.0	3.9	4.1	4.0	4.0
176°	4.1	4.0	4.0	3.9	3.9
176.5°	4.2	4.0	4.0	3.7	3.9
177°	4.0	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	3.5	3.5	3.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L950-CFD2

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°	3455.3	3451.1	3434.3	3418.3	3411.6
22°	3453.6	3449.4	3431.8	3415.8	3409.1



44°	3093.0	3080.3	3055.1	3040.0	3029.9
44.5°	3073.6	3060.2	3036.6	3020.7	3010.6



66.5°	1652.0	1645.3	1632.6	1628.4	1624.2
67°	1610.8	1603.2	1591.5	1587.3	1583.9



89°	24.5	24.1	23.9	25.1	25.5
89.5°	10.8	11.0	10.8	11.5	11.3



111.5°	2.1	1.8	1.9	1.9	1.8
112°	2.1	1.9	1.9	1.9	2.1



134°	4.3	4.2	4.1	4.0	4.3
134.5°	4.4	4.1	4.1	3.9	4.0



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	3.5	3.4	3.4	3.6
179.5°	3.2	3.4	3.3	3.2	3.4



(END OF REPORT)