

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-L950-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-L950-CFR2
Description: 12000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS
AND 5000K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

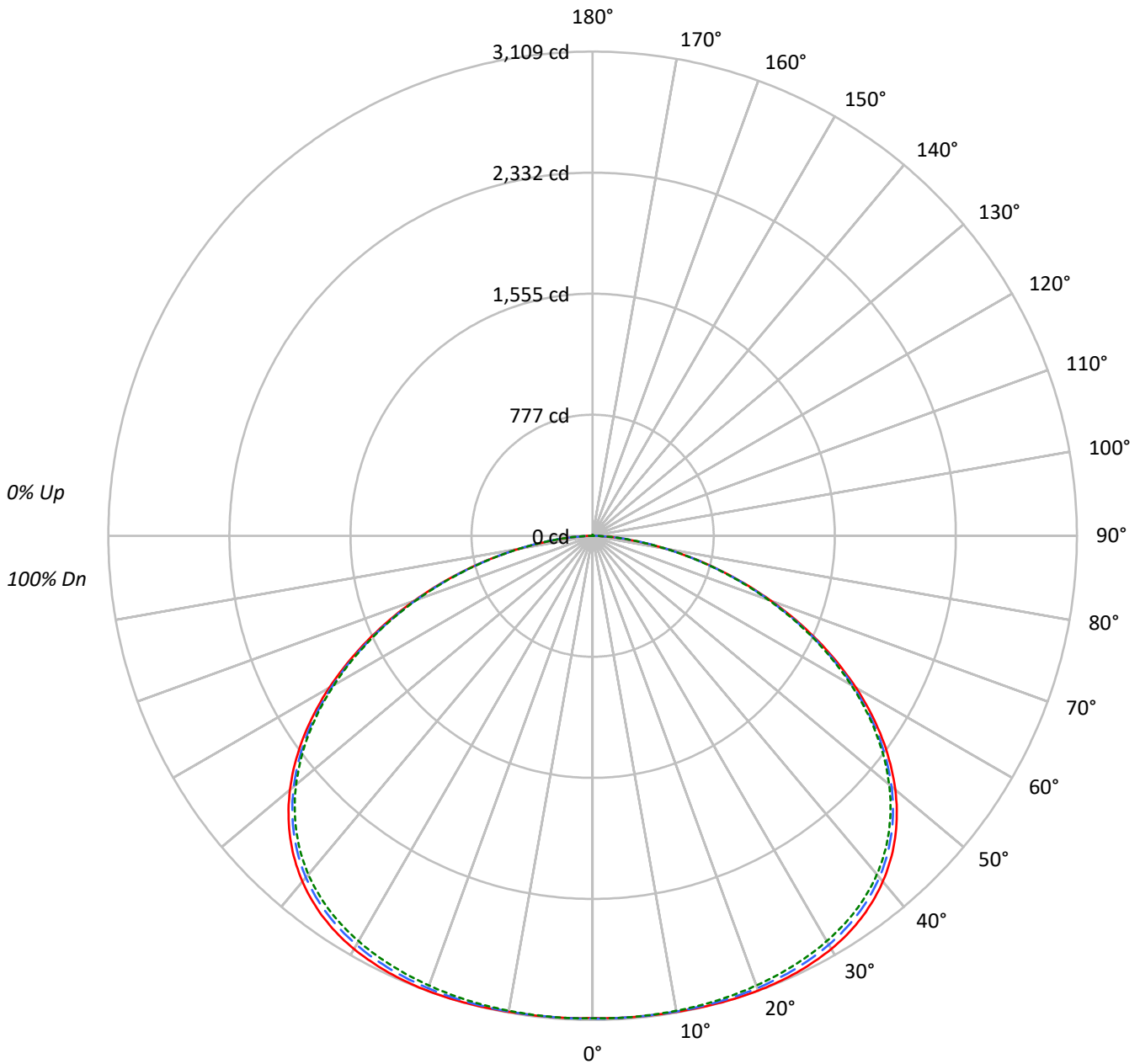
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11219.0 lumens
Efficiency: N/A
Efficacy: 117.4 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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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°	2212	2212	2212
5°	2223	2223	2222
10°	2250	2248	2245
15°	2297	2291	2283
20°	2361	2348	2335
25°	2438	2419	2400
30°	2525	2500	2477
35°	2616	2586	2563
40°	2701	2668	2646
45°	2772	2737	2715
50°	2817	2782	2760
55°	2825	2791	2770
60°	2788	2754	2737
65°	2697	2667	2654
70°	2543	2516	2503
75°	2303	2289	2278
80°	1959	1966	1945
85°	1460	1495	1493



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	296.1	2.6
10°-20°	878.2	7.8
20°-30°	1419.6	12.7
30°-40°	1859.4	16.6
40°-50°	2091.5	18.6
50°-60°	2001.3	17.8
60°-70°	1560.9	13.9
70°-80°	879.6	7.8
80°-90°	217.7	1.9
90°-100°	0.8	0.0
100°-110°	1.3	0.0
110°-120°	2.3	0.0
120°-130°	3.6	0.0
130°-140°	2.8	0.0
140°-150°	1.7	0.0
150°-160°	1.3	0.0
160°-170°	0.8	0.0
170°-180°	0.3	0.0
0°-30°	2593.8	23.1
0°-40°	4453.2	39.7
0°-60°	8546.0	76.2
0°-90°	11204.2	99.9
90°-120°	4.3	0.0
90°-150°	12.4	0.1
90°-180°	15.0	0.1
0°-180°	11219.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3098	3098	3098	3098	3098	
5°	3101	3102	3101	3101	3101	296
15°	3108	3107	3100	3093	3089	881
25°	3095	3090	3071	3054	3047	1431
35°	3002	2992	2967	2949	2940	1879
45°	2746	2733	2711	2699	2689	2115
55°	2270	2258	2242	2232	2226	2023
65°	1597	1591	1579	1574	1571	1576
75°	835	835	830	828	826	885
85°	178	180	182	184	182	207
90°	2	2	2	2	2	9
95°	1	0	1	1	1	1
105°	1	1	1	1	1	1
115°	2	2	2	2	2	2
125°	4	4	4	4	4	4
135°	4	4	4	4	4	3
145°	3	3	3	2	3	2
155°	3	3	3	3	3	1
165°	3	3	3	3	3	1
175°	4	4	4	4	3	0
180°	3	3	3	3	3	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3098.4	3098.4	3098.4	3098.4	3098.4
0.5°	3097.6	3099.9	3100.6	3099.9	3098.4
1°	3098.4	3099.9	3100.6	3100.6	3099.1
1.5°	3099.1	3100.6	3100.6	3100.6	3099.9
2°	3099.1	3100.6	3100.6	3101.4	3099.9
2.5°	3099.9	3101.4	3101.4	3101.4	3099.9
3°	3100.6	3101.4	3101.4	3101.4	3100.6
3.5°	3100.6	3101.4	3101.4	3101.4	3100.6
4°	3101.4	3101.4	3101.4	3101.4	3100.6
4.5°	3101.4	3102.1	3101.4	3101.4	3100.6
5°	3101.4	3102.1	3101.4	3101.4	3100.6
5.5°	3101.4	3102.1	3101.4	3101.4	3100.6
6°	3102.1	3102.1	3101.4	3101.4	3099.9
6.5°	3102.1	3102.9	3102.1	3101.4	3099.9
7°	3102.1	3102.9	3101.4	3101.4	3099.9
7.5°	3102.1	3102.9	3101.4	3100.6	3099.1
8°	3102.9	3102.9	3102.1	3100.6	3099.1
8.5°	3102.9	3103.7	3101.4	3100.6	3098.4
9°	3103.7	3103.7	3102.1	3099.9	3098.4
9.5°	3103.7	3104.4	3101.4	3099.9	3097.6
10°	3104.4	3104.4	3101.4	3099.1	3096.9
10.5°	3105.2	3105.2	3101.4	3099.1	3096.9
11°	3105.2	3105.2	3101.4	3098.4	3096.1
11.5°	3105.9	3105.9	3101.4	3097.6	3095.3
12°	3105.9	3105.9	3101.4	3097.6	3094.6
12.5°	3106.7	3105.9	3100.6	3096.9	3093.8
13°	3106.7	3105.9	3100.6	3096.1	3093.1
13.5°	3107.4	3106.7	3100.6	3095.3	3092.3
14°	3107.4	3106.7	3100.6	3094.6	3090.8
14.5°	3108.2	3106.7	3099.9	3093.8	3090.0
15°	3108.2	3107.4	3099.9	3093.1	3089.3
15.5°	3108.9	3107.4	3099.1	3091.6	3087.8
16°	3108.2	3107.4	3098.4	3090.8	3086.3
16.5°	3108.9	3107.4	3098.4	3089.3	3084.8
17°	3108.9	3106.7	3097.6	3087.8	3084.0
17.5°	3108.9	3106.7	3096.1	3087.0	3082.5
18°	3108.9	3106.7	3095.3	3085.5	3080.2
18.5°	3108.9	3105.9	3094.6	3084.0	3078.7
19°	3108.2	3105.9	3093.8	3082.5	3077.2
19.5°	3108.2	3105.2	3092.3	3080.2	3074.9
20°	3107.4	3104.4	3090.8	3078.7	3073.4
20.5°	3106.7	3103.7	3090.0	3077.2	3071.2
21°	3106.7	3102.9	3088.5	3074.9	3068.9



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	3103.7	3099.1	3083.2	3068.1	3061.3
23°	3102.1	3097.6	3081.0	3065.9	3059.1
23.5°	3100.6	3096.1	3078.7	3062.8	3056.0
24°	3099.1	3094.6	3076.4	3059.8	3053.0
24.5°	3097.6	3092.3	3074.2	3056.8	3050.0
25°	3095.3	3090.0	3071.2	3053.8	3047.0
25.5°	3093.1	3087.8	3068.1	3050.8	3043.2
26°	3090.8	3085.5	3065.1	3047.7	3040.2
26.5°	3088.5	3082.5	3062.1	3044.0	3036.4
27°	3085.5	3079.5	3058.3	3040.2	3032.6
27.5°	3082.5	3076.4	3054.5	3036.4	3028.8
28°	3079.5	3072.7	3050.8	3032.6	3025.1
28.5°	3075.7	3068.9	3047.0	3028.1	3020.5
29°	3071.9	3065.1	3042.4	3023.5	3016.0
29.5°	3068.1	3060.6	3037.9	3019.0	3010.7
30°	3063.6	3056.0	3032.6	3013.7	3005.4
30.5°	3059.1	3051.5	3027.3	3008.4	3000.9
31°	3053.8	3046.2	3022.0	3003.1	2994.8
31.5°	3049.2	3040.9	3016.0	2997.9	2989.5
32°	3043.2	3034.9	3010.7	2991.8	2983.5
32.5°	3037.2	3028.8	3003.9	2985.0	2976.7
33°	3031.1	3022.0	2997.1	2979.0	2969.9
33.5°	3024.3	3015.2	2990.3	2972.2	2963.1
34°	3016.7	3007.7	2982.7	2964.6	2956.3
34.5°	3009.2	3000.1	2975.2	2957.0	2948.7
35°	3001.6	2991.8	2966.9	2948.7	2940.4
35.5°	2993.3	2983.5	2958.6	2940.4	2932.1
36°	2985.0	2974.4	2949.5	2932.1	2923.0
36.5°	2975.2	2965.4	2940.4	2923.0	2914.7
37°	2965.4	2955.5	2930.6	2913.2	2904.9
37.5°	2955.5	2945.0	2920.8	2903.4	2894.3
38°	2945.0	2935.1	2910.2	2893.6	2884.5
38.5°	2934.4	2923.8	2898.9	2882.2	2873.9
39°	2923.0	2911.7	2887.5	2871.7	2862.6
39.5°	2910.9	2899.6	2876.2	2859.6	2851.2
40°	2898.1	2887.5	2863.3	2847.5	2839.2
40.5°	2886.0	2874.7	2850.5	2835.4	2826.3
41°	2872.4	2861.1	2837.6	2821.8	2812.7
41.5°	2858.0	2846.7	2823.3	2808.2	2799.1
42°	2843.7	2832.4	2808.9	2794.6	2784.7
42.5°	2828.6	2817.2	2793.8	2779.5	2770.4
43°	2813.5	2801.4	2778.7	2764.3	2755.3
43.5°	2797.6	2785.5	2762.8	2748.5	2739.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	2745.5	2733.4	2711.4	2698.6	2688.8
45.5°	2727.3	2714.5	2693.3	2680.5	2671.4
46°	2708.4	2695.6	2674.4	2661.6	2652.5
46.5°	2688.8	2675.9	2655.5	2642.7	2633.6
47°	2668.4	2656.3	2635.1	2623.8	2614.0
47.5°	2648.0	2635.1	2614.7	2603.4	2593.6
48°	2627.6	2614.0	2594.3	2582.2	2572.4
48.5°	2605.6	2592.8	2573.2	2561.8	2552.7
49°	2582.2	2570.1	2550.5	2538.4	2530.1
49.5°	2559.5	2547.5	2527.8	2516.5	2507.4
50°	2536.1	2523.3	2505.1	2493.8	2484.7
50.5°	2511.9	2499.1	2481.0	2469.6	2461.3
51°	2487.8	2474.9	2456.8	2445.4	2436.4
51.5°	2462.1	2449.2	2431.1	2420.5	2412.2
52°	2436.4	2423.5	2405.4	2395.6	2387.3
52.5°	2410.7	2397.8	2379.7	2369.1	2361.6
53°	2382.7	2370.6	2354.0	2344.2	2335.9
53.5°	2354.8	2342.7	2326.0	2316.2	2308.7
54°	2326.8	2314.7	2298.1	2288.3	2281.5
54.5°	2299.6	2286.7	2270.9	2261.0	2254.2
55°	2270.1	2258.0	2242.2	2232.3	2225.5
55.5°	2240.6	2228.6	2212.7	2202.9	2196.8
56°	2209.7	2198.3	2182.5	2174.1	2168.1
56.5°	2178.7	2168.1	2152.2	2143.9	2137.9
57°	2148.4	2137.1	2122.0	2114.4	2108.4
57.5°	2118.2	2106.1	2091.0	2083.5	2077.4
58°	2085.0	2073.6	2059.3	2051.7	2046.4
58.5°	2052.5	2041.9	2026.8	2020.0	2014.7
59°	2020.0	2009.4	1995.0	1988.2	1983.0
59.5°	1986.0	1976.2	1961.8	1955.0	1949.7
60°	1952.7	1942.1	1928.5	1922.5	1917.2
60.5°	1918.7	1909.6	1895.3	1889.2	1884.0
61°	1884.0	1874.9	1861.3	1855.2	1849.9
61.5°	1848.4	1840.9	1827.3	1821.2	1816.7
62°	1813.7	1806.1	1792.5	1787.2	1782.7
62.5°	1778.2	1770.6	1757.0	1751.7	1747.2
63°	1742.6	1735.1	1722.2	1716.9	1712.4
63.5°	1706.4	1698.8	1686.7	1681.4	1676.9
64°	1670.1	1662.5	1649.7	1645.9	1640.6
64.5°	1633.8	1626.3	1613.4	1609.6	1605.1
65°	1596.8	1590.7	1578.7	1574.1	1571.1
65.5°	1560.5	1553.0	1541.6	1537.8	1533.3
66°	1522.0	1515.9	1504.6	1500.8	1497.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1410.1	1403.3	1393.5	1389.7	1386.0
68°	1371.6	1365.5	1355.7	1352.7	1348.9
68.5°	1333.1	1327.0	1317.2	1314.9	1312.6
69°	1294.5	1288.5	1280.2	1277.9	1274.9
69.5°	1256.7	1250.7	1243.1	1240.9	1237.1
70°	1218.2	1212.9	1205.3	1203.1	1199.3
70.5°	1179.6	1174.4	1167.6	1165.3	1161.5
71°	1141.1	1136.6	1130.5	1127.5	1123.7
71.5°	1103.3	1098.8	1092.0	1089.7	1086.7
72°	1064.8	1061.0	1054.2	1052.7	1048.9
72.5°	1026.2	1023.2	1016.4	1014.9	1011.9
73°	987.7	984.7	977.9	976.4	974.1
73.5°	949.9	946.9	940.8	938.6	936.3
74°	912.1	909.9	903.8	902.3	899.3
74.5°	873.6	872.1	866.8	864.5	862.3
75°	835.0	835.0	829.8	828.2	826.0
75.5°	798.0	798.0	792.7	791.2	788.9
76°	761.0	761.0	755.7	754.3	751.2
76.5°	723.6	723.9	719.4	717.8	715.3
77°	687.8	688.1	684.1	682.0	679.5
77.5°	649.4	651.3	647.9	646.1	643.6
78°	613.7	616.0	612.6	611.1	609.0
78.5°	580.0	581.4	579.2	577.5	574.6
79°	544.7	545.8	544.4	542.9	540.0
79.5°	509.9	511.8	510.9	509.5	506.2
80°	476.6	478.0	478.2	476.2	473.1
80.5°	441.6	444.4	444.8	442.8	441.2
81°	409.1	411.8	412.5	411.3	409.2
81.5°	377.2	380.3	381.0	380.3	377.6
82°	345.3	349.1	350.2	349.7	346.6
82.5°	314.7	319.0	320.2	319.7	316.9
83°	285.1	289.7	290.9	291.2	288.7
83.5°	256.5	260.9	262.3	262.8	260.0
84°	229.0	232.9	234.7	235.5	233.1
84.5°	202.8	206.0	208.2	209.2	208.0
85°	178.2	180.5	182.5	183.9	182.3
85.5°	154.3	156.1	157.6	159.8	158.5
86°	132.1	133.9	135.0	136.6	136.6
86.5°	110.9	111.8	112.6	114.6	114.6
87°	90.7	90.8	91.1	93.6	93.6
87.5°	70.0	70.6	70.9	73.1	73.8
88°	49.3	51.1	51.5	53.6	53.4
88.5°	34.9	34.9	34.8	36.9	37.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	1.7	1.6	1.7	1.7	1.6
90.5°	0.5	0.5	0.5	0.6	0.5
91°	0.5	0.5	0.5	0.5	0.5
91.5°	0.7	0.5	0.6	0.5	0.4
92°	0.5	0.5	0.5	0.6	0.5
92.5°	0.6	0.5	0.5	0.6	0.5
93°	0.6	0.6	0.6	0.5	0.5
93.5°	0.7	0.5	0.6	0.6	0.7
94°	0.7	0.6	0.7	0.6	0.8
94.5°	0.7	0.7	0.6	0.7	0.7
95°	0.7	0.5	0.7	0.6	0.8
95.5°	0.6	0.7	0.8	0.7	0.8
96°	0.8	0.8	0.7	0.7	0.8
96.5°	0.8	0.8	0.8	0.7	0.8
97°	0.8	0.8	0.8	0.7	0.9
97.5°	0.9	0.8	0.8	0.7	0.9
98°	1.0	0.8	0.8	0.8	1.0
98.5°	1.0	0.8	0.8	0.8	0.9
99°	0.9	0.9	0.8	0.8	0.8
99.5°	1.0	0.8	0.9	0.8	0.8
100°	1.0	0.9	0.9	0.9	1.0
100.5°	1.0	1.0	0.9	1.0	1.0
101°	1.1	0.9	0.9	0.9	0.9
101.5°	1.1	0.9	1.0	1.0	1.1
102°	1.2	1.0	1.1	1.0	1.1
102.5°	1.1	1.0	1.0	1.1	1.1
103°	1.1	0.9	1.1	1.0	1.1
103.5°	1.1	1.1	1.1	1.1	1.0
104°	1.3	1.1	1.1	1.1	1.0
104.5°	1.1	1.2	1.2	1.2	1.1
105°	1.4	1.2	1.1	1.3	1.3
105.5°	1.3	1.1	1.2	1.1	1.1
106°	1.2	1.2	1.3	1.3	1.4
106.5°	1.4	1.2	1.3	1.2	1.1
107°	1.3	1.3	1.4	1.4	1.2
107.5°	1.4	1.3	1.4	1.4	1.4
108°	1.4	1.3	1.2	1.4	1.3
108.5°	1.4	1.4	1.4	1.4	1.3
109°	1.5	1.4	1.4	1.4	1.5
109.5°	1.6	1.4	1.6	1.5	1.4
110°	1.5	1.5	1.5	1.6	1.5
110.5°	1.6	1.5	1.6	1.6	1.7
111°	1.6	1.7	1.7	1.7	1.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L950-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.8	1.9	2.0	1.9	1.7
113°	2.0	1.8	1.8	1.9	1.9
113.5°	2.0	2.0	2.0	2.1	2.1
114°	2.1	2.1	2.2	2.2	2.1
114.5°	2.3	2.3	2.2	2.2	2.0
115°	2.3	2.3	2.2	2.3	2.2
115.5°	2.5	2.3	2.4	2.3	2.2
116°	2.4	2.5	2.5	2.4	2.3
116.5°	2.6	2.6	2.6	2.6	2.5
117°	2.7	2.7	2.7	2.7	2.4
117.5°	2.9	2.7	2.8	2.7	2.6
118°	2.9	2.8	2.9	2.8	2.6
118.5°	3.1	2.9	2.9	2.9	2.8
119°	3.1	3.1	3.2	2.9	2.9
119.5°	3.2	3.2	3.2	3.1	3.0
120°	3.3	3.3	3.2	3.2	3.2
120.5°	3.4	3.2	3.4	3.3	3.2
121°	3.4	3.4	3.4	3.4	3.2
121.5°	3.8	3.6	3.6	3.4	3.4
122°	3.6	3.8	3.6	3.6	3.6
122.5°	3.9	3.8	3.7	3.7	3.6
123°	3.9	3.9	3.8	3.8	3.7
123.5°	3.9	4.1	3.9	3.7	3.9
124°	4.0	4.1	4.0	3.9	3.9
124.5°	4.2	4.1	4.0	3.9	3.9
125°	4.4	4.2	4.2	4.1	4.1
125.5°	4.4	4.3	4.2	4.1	4.2
126°	4.4	4.2	4.2	4.2	4.1
126.5°	4.2	4.3	4.4	4.2	4.2
127°	4.4	4.4	4.2	4.2	4.1
127.5°	4.5	4.5	4.4	4.2	4.1
128°	4.5	4.3	4.3	4.2	4.2
128.5°	4.4	4.4	4.2	4.1	4.2
129°	4.3	4.3	4.2	4.2	4.1
129.5°	4.2	4.3	4.2	4.2	4.2
130°	4.2	4.3	4.2	4.0	4.1
130.5°	4.4	4.2	4.2	3.9	4.1
131°	4.2	4.2	4.2	3.9	4.0
131.5°	4.2	4.1	3.9	3.9	3.9
132°	4.2	4.0	4.0	3.9	3.9
132.5°	4.2	4.0	3.9	3.9	3.9
133°	4.0	3.9	3.9	3.6	3.8
133.5°	4.1	3.9	3.7	3.6	3.8



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L950-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	3.9	3.7	3.6	3.5	3.8
135.5°	3.7	3.8	3.6	3.4	3.6
136°	3.6	3.6	3.4	3.2	3.6
136.5°	3.7	3.6	3.4	3.2	3.6
137°	3.6	3.5	3.4	3.2	3.5
137.5°	3.6	3.4	3.3	3.1	3.3
138°	3.5	3.3	3.2	3.1	3.3
138.5°	3.6	3.3	3.2	3.0	3.2
139°	3.1	3.2	3.2	2.9	3.3
139.5°	3.3	3.1	3.0	2.9	3.2
140°	3.2	3.0	3.1	2.9	3.0
140.5°	3.2	3.0	3.0	2.9	3.0
141°	3.1	3.0	2.9	2.7	2.9
141.5°	2.9	3.0	3.0	2.7	2.9
142°	2.8	2.8	2.9	2.8	2.6
142.5°	2.8	2.9	2.9	2.7	2.6
143°	2.9	2.9	2.9	2.8	2.6
143.5°	2.9	2.9	2.9	2.6	2.6
144°	2.9	2.7	2.9	2.6	2.7
144.5°	2.8	2.7	2.8	2.6	2.7
145°	2.9	2.7	2.8	2.5	2.7
145.5°	2.8	2.6	2.7	2.5	2.9
146°	2.8	2.6	2.6	2.5	2.7
146.5°	2.9	2.6	2.6	2.5	2.7
147°	2.8	2.6	2.5	2.6	2.6
147.5°	2.7	2.6	2.5	2.6	2.8
148°	2.8	2.6	2.6	2.5	2.8
148.5°	2.9	2.7	2.6	2.5	2.8
149°	2.8	2.6	2.6	2.5	2.8
149.5°	2.9	2.6	2.6	2.5	2.9
150°	2.9	2.7	2.6	2.5	2.8
150.5°	2.8	2.6	2.6	2.6	2.8
151°	2.9	2.6	2.5	2.6	2.9
151.5°	2.9	2.7	2.5	2.6	2.9
152°	2.9	2.7	2.6	2.7	2.8
152.5°	2.9	2.8	2.6	2.6	2.9
153°	2.9	2.7	2.6	2.8	3.0
153.5°	3.1	2.8	2.6	2.7	2.9
154°	2.9	2.8	2.7	2.7	2.9
154.5°	2.9	2.7	2.7	2.9	3.0
155°	2.8	2.8	2.8	2.9	3.1
155.5°	2.9	2.7	2.7	2.8	3.0
156°	2.8	2.8	2.8	2.8	3.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L950-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	2.8	2.6	2.7	2.9	2.9
158°	3.0	2.8	2.7	2.8	3.0
158.5°	2.9	2.8	2.6	2.8	2.9
159°	2.9	2.8	2.7	2.8	3.1
159.5°	2.9	2.7	2.7	2.8	3.2
160°	2.9	2.8	2.6	2.8	3.0
160.5°	2.8	2.7	2.7	2.9	3.0
161°	2.8	2.7	2.7	2.9	3.0
161.5°	2.9	2.8	2.7	2.7	2.9
162°	2.8	2.7	2.8	2.9	2.9
162.5°	2.9	2.9	2.8	2.8	2.9
163°	2.9	2.8	2.9	2.9	2.9
163.5°	2.9	2.8	2.9	2.9	3.1
164°	2.8	2.9	2.8	3.0	3.0
164.5°	2.7	2.9	2.9	3.0	3.1
165°	2.8	2.8	2.7	2.9	3.0
165.5°	2.6	2.8	2.7	3.2	3.0
166°	2.9	2.9	2.8	3.0	2.9
166.5°	2.9	2.8	2.7	3.1	2.8
167°	2.8	3.0	2.8	3.2	3.1
167.5°	2.9	3.0	2.9	3.2	3.1
168°	2.9	2.9	2.8	3.2	3.0
168.5°	2.9	3.1	2.9	3.4	3.1
169°	3.1	3.0	2.8	3.4	3.1
169.5°	3.0	3.0	2.9	3.3	3.2
170°	3.1	3.0	2.9	3.4	3.1
170.5°	3.1	3.2	2.9	3.4	3.2
171°	3.1	3.1	3.1	3.4	3.3
171.5°	3.0	3.1	3.1	3.5	3.2
172°	3.0	3.1	3.2	3.5	3.2
172.5°	3.2	3.2	3.2	3.5	3.2
173°	3.0	3.0	3.2	3.5	3.3
173.5°	3.2	3.2	3.3	3.4	3.4
174°	3.3	3.3	3.6	3.5	3.3
174.5°	3.3	3.5	3.5	3.6	3.5
175°	3.6	3.5	3.6	3.6	3.4
175.5°	3.6	3.5	3.7	3.6	3.6
176°	3.7	3.6	3.6	3.5	3.5
176.5°	3.8	3.6	3.6	3.3	3.5
177°	3.6	3.6	3.4	3.3	3.5
177.5°	3.7	3.6	3.3	3.2	3.6
178°	3.5	3.4	3.2	3.2	3.3
178.5°	3.4	3.3	3.2	3.2	3.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L950-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	2.9	2.9	2.9	2.9	2.9



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	3105.9	3102.1	3087.0	3072.7	3066.6
22°	3104.4	3100.6	3084.8	3070.4	3064.4



44°	2780.2	2768.9	2746.2	2732.6	2723.5
44.5°	2762.8	2750.7	2729.6	2715.2	2706.2



66.5°	1484.9	1478.9	1467.6	1463.8	1460.0
67°	1447.9	1441.1	1430.5	1426.8	1423.7



89°	22.1	21.7	21.5	22.6	22.9
89.5°	9.7	9.9	9.7	10.4	10.2



111.5°	1.9	1.7	1.7	1.7	1.7
112°	1.9	1.7	1.7	1.7	1.9



134°	3.9	3.8	3.7	3.6	3.9
134.5°	3.9	3.7	3.7	3.5	3.6



156.5°	2.9	2.7	2.8	2.9	2.9
157°	2.9	2.7	2.8	2.8	2.9



179°	3.2	3.2	3.0	3.1	3.2
179.5°	2.9	3.0	2.9	2.9	3.1



(END OF REPORT)