

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-L940-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-L940-CFD2
Description: 14000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS
AND 4000K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

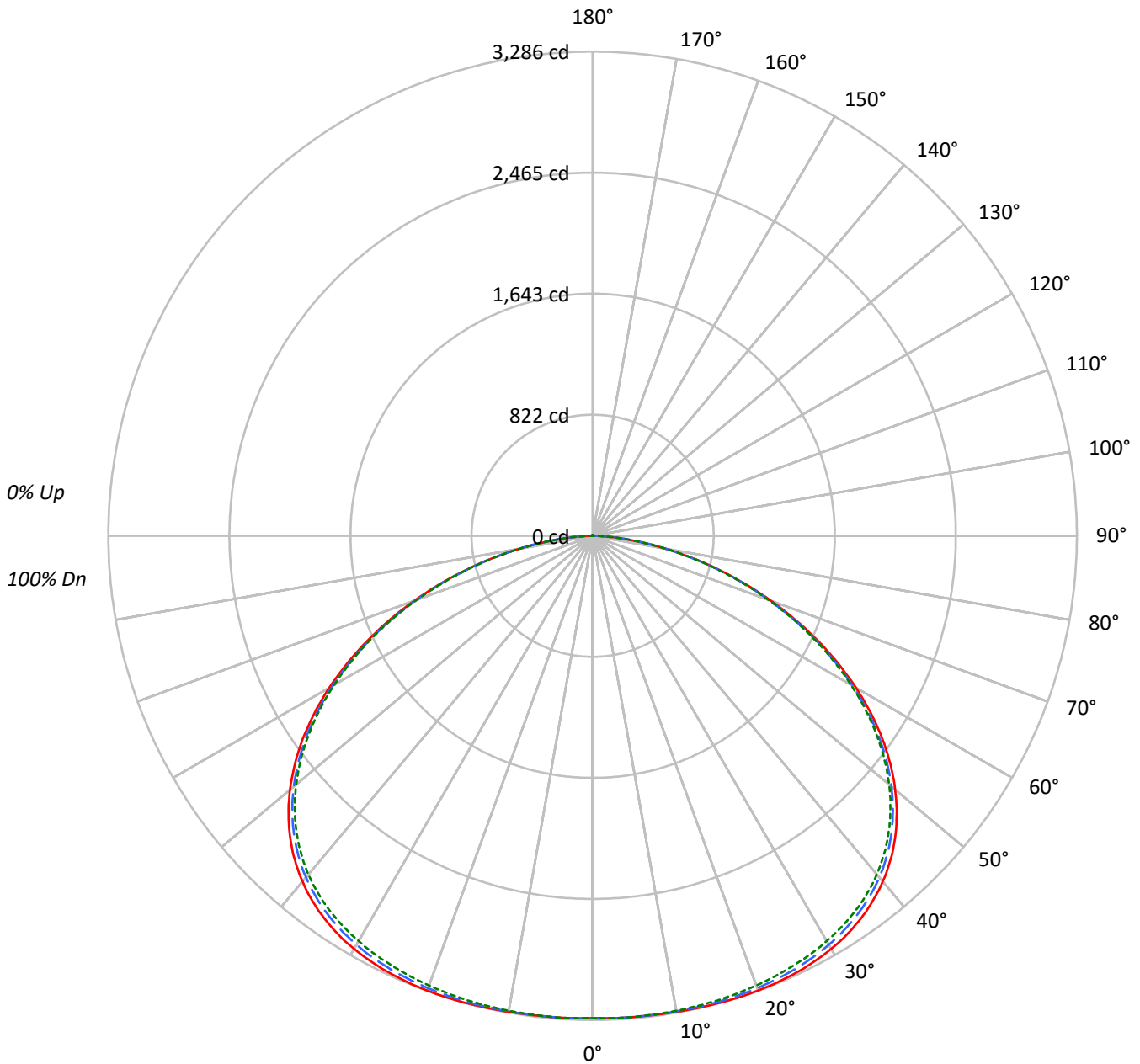
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11856.0 lumens
Efficiency: N/A
Efficacy: 98.8 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									
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°	2338	2338	2338
5°	2340	2336	2339
10°	2360	2351	2355
15°	2400	2382	2385
20°	2456	2428	2430
25°	2526	2486	2487
30°	2604	2552	2555
35°	2684	2621	2629
40°	2755	2683	2699
45°	2809	2727	2751
50°	2832	2742	2774
55°	2813	2714	2758
60°	2743	2633	2693
65°	2610	2494	2568
70°	2404	2279	2366
75°	2098	1972	2075
80°	1665	1546	1653
85°	1035	933	1058



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	312.9	2.6
10°-20°	928.0	7.8
20°-30°	1500.2	12.7
30°-40°	1965.0	16.6
40°-50°	2210.2	18.6
50°-60°	2114.9	17.8
60°-70°	1649.5	13.9
70°-80°	929.6	7.8
80°-90°	230.0	1.9
90°-100°	0.8	0.0
100°-110°	1.3	0.0
110°-120°	2.4	0.0
120°-130°	3.8	0.0
130°-140°	3.0	0.0
140°-150°	1.8	0.0
150°-160°	1.4	0.0
160°-170°	0.9	0.0
170°-180°	0.3	0.0
0°-30°	2741.1	23.1
0°-40°	4706.1	39.7
0°-60°	9031.2	76.2
0°-90°	11840.3	99.9
90°-120°	4.6	0.0
90°-150°	13.1	0.1
90°-180°	16.0	0.1
0°-180°	11856.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3274	3274	3274	3274	3274	
5°	3278	3278	3278	3278	3277	313
15°	3285	3284	3276	3269	3265	931
25°	3271	3266	3246	3227	3220	1512
35°	3172	3162	3135	3116	3107	1986
45°	2901	2889	2865	2852	2841	2235
55°	2399	2386	2370	2359	2352	2138
65°	1688	1681	1668	1664	1660	1666
75°	882	882	877	875	873	935
85°	188	191	193	194	193	218
90°	2	2	2	2	2	9
95°	1	1	1	1	1	1
105°	1	1	1	1	1	1
115°	2	2	2	2	2	2
125°	5	4	4	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°	3274.3	3274.3	3274.3	3274.3	3274.3
0.5°	3273.5	3275.9	3276.7	3275.9	3274.3
1°	3274.3	3275.9	3276.7	3276.7	3275.1
1.5°	3275.1	3276.7	3276.7	3276.7	3275.9
2°	3275.1	3276.7	3276.7	3277.5	3275.9
2.5°	3275.9	3277.5	3277.5	3277.5	3275.9
3°	3276.7	3277.5	3277.5	3277.5	3276.7
3.5°	3276.7	3277.5	3277.5	3277.5	3276.7
4°	3277.5	3277.5	3277.5	3277.5	3276.7
4.5°	3277.5	3278.3	3277.5	3277.5	3276.7
5°	3277.5	3278.3	3277.5	3277.5	3276.7
5.5°	3277.5	3278.3	3277.5	3277.5	3276.7
6°	3278.3	3278.3	3277.5	3277.5	3275.9
6.5°	3278.3	3279.1	3278.3	3277.5	3275.9
7°	3278.3	3279.1	3277.5	3277.5	3275.9
7.5°	3278.3	3279.1	3277.5	3276.7	3275.1
8°	3279.1	3279.1	3278.3	3276.7	3275.1
8.5°	3279.1	3279.9	3277.5	3276.7	3274.3
9°	3279.9	3279.9	3278.3	3275.9	3274.3
9.5°	3279.9	3280.7	3277.5	3275.9	3273.5
10°	3280.7	3280.7	3277.5	3275.1	3272.7
10.5°	3281.5	3281.5	3277.5	3275.1	3272.7
11°	3281.5	3281.5	3277.5	3274.3	3271.9
11.5°	3282.3	3282.3	3277.5	3273.5	3271.1
12°	3282.3	3282.3	3277.5	3273.5	3270.3
12.5°	3283.1	3282.3	3276.7	3272.7	3269.5
13°	3283.1	3282.3	3276.7	3271.9	3268.7
13.5°	3283.9	3283.1	3276.7	3271.1	3267.9
14°	3283.9	3283.1	3276.7	3270.3	3266.3
14.5°	3284.7	3283.1	3275.9	3269.5	3265.5
15°	3284.7	3283.9	3275.9	3268.7	3264.7
15.5°	3285.5	3283.9	3275.1	3267.1	3263.1
16°	3284.7	3283.9	3274.3	3266.3	3261.5
16.5°	3285.5	3283.9	3274.3	3264.7	3259.9
17°	3285.5	3283.1	3273.5	3263.1	3259.1
17.5°	3285.5	3283.1	3271.9	3262.3	3257.5
18°	3285.5	3283.1	3271.1	3260.7	3255.1
18.5°	3285.5	3282.3	3270.3	3259.1	3253.5
19°	3284.7	3282.3	3269.5	3257.5	3251.9
19.5°	3284.7	3281.5	3267.9	3255.1	3249.5
20°	3283.9	3280.7	3266.3	3253.5	3247.9
20.5°	3283.1	3279.9	3265.5	3251.9	3245.5
21°	3283.1	3279.1	3263.9	3249.5	3243.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	3279.9	3275.1	3258.3	3242.3	3235.2
23°	3278.3	3273.5	3255.9	3239.9	3232.8
23.5°	3276.7	3271.9	3253.5	3236.7	3229.6
24°	3275.1	3270.3	3251.1	3233.6	3226.4
24.5°	3273.5	3267.9	3248.7	3230.4	3223.2
25°	3271.1	3265.5	3245.5	3227.2	3220.0
25.5°	3268.7	3263.1	3242.3	3224.0	3216.0
26°	3266.3	3260.7	3239.1	3220.8	3212.8
26.5°	3263.9	3257.5	3235.9	3216.8	3208.8
27°	3260.7	3254.3	3232.0	3212.8	3204.8
27.5°	3257.5	3251.1	3228.0	3208.8	3200.8
28°	3254.3	3247.1	3224.0	3204.8	3196.8
28.5°	3250.3	3243.1	3220.0	3200.0	3192.0
29°	3246.3	3239.1	3215.2	3195.2	3187.2
29.5°	3242.3	3234.4	3210.4	3190.4	3181.6
30°	3237.5	3229.6	3204.8	3184.8	3176.1
30.5°	3232.8	3224.8	3199.2	3179.2	3171.3
31°	3227.2	3219.2	3193.6	3173.7	3164.9
31.5°	3222.4	3213.6	3187.2	3168.1	3159.3
32°	3216.0	3207.2	3181.6	3161.7	3152.9
32.5°	3209.6	3200.8	3174.5	3154.5	3145.7
33°	3203.2	3193.6	3167.3	3148.1	3138.5
33.5°	3196.0	3186.4	3160.1	3140.9	3131.3
34°	3188.0	3178.5	3152.1	3132.9	3124.1
34.5°	3180.0	3170.5	3144.1	3124.9	3116.2
35°	3172.1	3161.7	3135.3	3116.2	3107.4
35.5°	3163.3	3152.9	3126.5	3107.4	3098.6
36°	3154.5	3143.3	3117.0	3098.6	3089.0
36.5°	3144.1	3133.7	3107.4	3089.0	3080.2
37°	3133.7	3123.3	3097.0	3078.6	3069.8
37.5°	3123.3	3112.2	3086.6	3068.2	3058.7
38°	3112.2	3101.8	3075.4	3057.9	3048.3
38.5°	3101.0	3089.8	3063.5	3045.9	3037.1
39°	3089.0	3077.0	3051.5	3034.7	3025.1
39.5°	3076.2	3064.2	3039.5	3021.9	3013.1
40°	3062.7	3051.5	3025.9	3009.1	3000.4
40.5°	3049.9	3037.9	3012.3	2996.4	2986.8
41°	3035.5	3023.5	2998.8	2982.0	2972.4
41.5°	3020.3	3008.3	2983.6	2967.6	2958.0
42°	3005.2	2993.2	2968.4	2953.2	2942.9
42.5°	2989.2	2977.2	2952.4	2937.3	2927.7
43°	2973.2	2960.4	2936.5	2921.3	2911.7
43.5°	2956.4	2943.7	2919.7	2904.5	2894.9



TEST NUMBER: P#

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	2901.3	2888.6	2865.4	2851.8	2841.4
45.5°	2882.2	2868.6	2846.2	2832.7	2823.1
46°	2862.2	2848.6	2826.3	2812.7	2803.1
46.5°	2841.4	2827.9	2806.3	2792.7	2783.1
47°	2819.9	2807.1	2784.7	2772.8	2762.4
47.5°	2798.3	2784.7	2763.2	2751.2	2740.8
48°	2776.8	2762.4	2741.6	2728.8	2718.5
48.5°	2753.6	2740.0	2719.3	2707.3	2697.7
49°	2728.8	2716.1	2695.3	2682.5	2673.7
49.5°	2704.9	2692.1	2671.3	2659.4	2649.8
50°	2680.1	2666.5	2647.4	2635.4	2625.8
50.5°	2654.6	2641.0	2621.8	2609.8	2601.1
51°	2629.0	2615.4	2596.3	2584.3	2574.7
51.5°	2601.9	2588.3	2569.1	2557.9	2549.1
52°	2574.7	2561.1	2542.0	2531.6	2522.8
52.5°	2547.6	2534.0	2514.8	2503.6	2495.6
53°	2518.0	2505.2	2487.7	2477.3	2468.5
53.5°	2488.5	2475.7	2458.1	2447.7	2439.7
54°	2458.9	2446.1	2428.6	2418.2	2411.0
54.5°	2430.2	2416.6	2399.8	2389.4	2382.2
55°	2399.0	2386.2	2369.5	2359.1	2351.9
55.5°	2367.9	2355.1	2338.3	2327.9	2321.5
56°	2335.1	2323.1	2306.4	2297.6	2291.2
56.5°	2302.4	2291.2	2274.4	2265.6	2259.3
57°	2270.4	2258.5	2242.5	2234.5	2228.1
57.5°	2238.5	2225.7	2209.7	2201.8	2195.4
58°	2203.4	2191.4	2176.2	2168.2	2162.6
58.5°	2169.0	2157.8	2141.9	2134.7	2129.1
59°	2134.7	2123.5	2108.3	2101.1	2095.5
59.5°	2098.7	2088.4	2073.2	2066.0	2060.4
60°	2063.6	2052.4	2038.0	2031.7	2026.1
60.5°	2027.7	2018.1	2002.9	1996.5	1990.9
61°	1990.9	1981.3	1967.0	1960.6	1955.0
61.5°	1953.4	1945.4	1931.0	1924.6	1919.8
62°	1916.7	1908.7	1894.3	1888.7	1883.9
62.5°	1879.1	1871.1	1856.8	1851.2	1846.4
63°	1841.6	1833.6	1820.0	1814.4	1809.6
63.5°	1803.3	1795.3	1782.5	1776.9	1772.1
64°	1764.9	1756.9	1743.4	1739.4	1733.8
64.5°	1726.6	1718.6	1705.0	1701.0	1696.2
65°	1687.5	1681.1	1668.3	1663.5	1660.3
65.5°	1649.1	1641.1	1629.2	1625.2	1620.4
66°	1608.4	1602.0	1590.0	1586.0	1582.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1490.2	1483.0	1472.6	1468.6	1464.6
68°	1449.5	1443.1	1432.7	1429.5	1425.5
68.5°	1408.7	1402.4	1392.0	1389.6	1387.2
69°	1368.0	1361.6	1352.8	1350.4	1347.2
69.5°	1328.1	1321.7	1313.7	1311.3	1307.3
70°	1287.4	1281.8	1273.8	1271.4	1267.4
70.5°	1246.6	1241.0	1233.8	1231.4	1227.5
71°	1205.9	1201.1	1194.7	1191.5	1187.5
71.5°	1166.0	1161.2	1154.0	1151.6	1148.4
72°	1125.2	1121.2	1114.1	1112.5	1108.5
72.5°	1084.5	1081.3	1074.1	1072.5	1069.3
73°	1043.8	1040.6	1033.4	1031.8	1029.4
73.5°	1003.8	1000.7	994.3	991.9	989.5
74°	963.9	961.5	955.1	953.5	950.3
74.5°	923.2	921.6	916.0	913.6	911.2
75°	882.5	882.5	876.9	875.3	872.9
75.5°	843.3	843.3	837.7	836.1	833.7
76°	804.2	804.2	798.6	797.1	793.9
76.5°	764.7	765.0	760.3	758.6	756.0
77°	726.8	727.1	722.9	720.7	718.1
77.5°	686.3	688.2	684.7	682.8	680.2
78°	648.5	650.9	647.3	645.8	643.6
78.5°	612.9	614.4	612.1	610.3	607.2
79°	575.6	576.8	575.3	573.7	570.7
79.5°	538.9	540.9	539.9	538.4	534.9
80°	503.7	505.1	505.4	503.2	499.9
80.5°	466.6	469.6	470.1	467.9	466.2
81°	432.4	435.2	436.0	434.7	432.4
81.5°	398.7	401.9	402.7	401.9	399.1
82°	364.9	368.9	370.1	369.5	366.3
82.5°	332.6	337.1	338.4	337.9	334.9
83°	301.3	306.2	307.4	307.8	305.1
83.5°	271.0	275.7	277.2	277.7	274.7
84°	242.0	246.1	248.0	248.8	246.4
84.5°	214.3	217.7	220.0	221.1	219.9
85°	188.3	190.7	192.9	194.3	192.6
85.5°	163.1	165.0	166.6	168.8	167.5
86°	139.6	141.5	142.6	144.4	144.4
86.5°	117.2	118.1	119.0	121.1	121.1
87°	95.8	95.9	96.2	98.9	98.9
87.5°	74.0	74.6	74.9	77.2	78.0
88°	52.1	54.0	54.5	56.6	56.5
88.5°	36.9	36.9	36.8	39.0	39.5



TEST NUMBER: P#

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	1.8	1.7	1.8	1.8	1.7
90.5°	0.6	0.5	0.6	0.6	0.6
91°	0.6	0.5	0.5	0.6	0.5
91.5°	0.7	0.6	0.6	0.5	0.4
92°	0.6	0.6	0.6	0.6	0.6
92.5°	0.6	0.6	0.6	0.6	0.6
93°	0.6	0.6	0.6	0.6	0.5
93.5°	0.7	0.6	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	0.6	0.7	0.6	0.8
95.5°	0.6	0.7	0.8	0.7	0.8
96°	0.9	0.9	0.7	0.7	0.8
96.5°	0.9	0.8	0.8	0.7	0.8
97°	0.9	0.8	0.9	0.7	1.0
97.5°	1.0	0.8	0.8	0.7	1.0
98°	1.0	0.9	0.9	0.9	1.0
98.5°	1.0	0.9	0.8	0.8	1.0
99°	1.0	1.0	0.9	0.8	0.9
99.5°	1.0	0.8	1.0	0.9	0.9
100°	1.0	1.0	1.0	1.0	1.0
100.5°	1.0	1.0	1.0	1.0	1.0
101°	1.1	1.0	1.0	1.0	1.0
101.5°	1.2	1.0	1.0	1.0	1.1
102°	1.3	1.0	1.1	1.0	1.1
102.5°	1.1	1.0	1.0	1.1	1.1
103°	1.1	1.0	1.1	1.0	1.1
103.5°	1.2	1.2	1.1	1.1	1.0
104°	1.4	1.2	1.2	1.1	1.0
104.5°	1.2	1.3	1.3	1.3	1.1
105°	1.4	1.3	1.2	1.4	1.4
105.5°	1.4	1.1	1.3	1.2	1.2
106°	1.3	1.3	1.4	1.4	1.4
106.5°	1.4	1.3	1.4	1.3	1.2
107°	1.4	1.4	1.4	1.4	1.3
107.5°	1.5	1.4	1.4	1.5	1.4
108°	1.5	1.4	1.3	1.5	1.4
108.5°	1.5	1.5	1.5	1.4	1.4
109°	1.6	1.5	1.5	1.5	1.6
109.5°	1.7	1.4	1.7	1.6	1.4
110°	1.6	1.6	1.6	1.7	1.6
110.5°	1.7	1.6	1.7	1.7	1.8
111°	1.7	1.8	1.8	1.8	1.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L940-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.9	2.0	2.1	2.0	1.8
113°	2.2	1.9	1.9	2.0	2.0
113.5°	2.2	2.2	2.2	2.2	2.2
114°	2.2	2.2	2.3	2.3	2.2
114.5°	2.4	2.4	2.3	2.3	2.2
115°	2.4	2.4	2.3	2.4	2.3
115.5°	2.6	2.4	2.6	2.5	2.3
116°	2.6	2.6	2.6	2.6	2.5
116.5°	2.7	2.7	2.7	2.7	2.6
117°	2.9	2.9	2.9	2.9	2.6
117.5°	3.0	2.9	3.0	2.9	2.7
118°	3.0	3.0	3.1	3.0	2.8
118.5°	3.3	3.1	3.1	3.0	3.0
119°	3.3	3.3	3.4	3.1	3.1
119.5°	3.4	3.4	3.4	3.3	3.2
120°	3.5	3.5	3.4	3.4	3.4
120.5°	3.6	3.4	3.6	3.5	3.4
121°	3.6	3.6	3.6	3.6	3.4
121.5°	4.0	3.8	3.8	3.6	3.6
122°	3.8	4.0	3.8	3.8	3.8
122.5°	4.1	4.0	3.9	3.9	3.8
123°	4.2	4.2	4.0	4.0	3.9
123.5°	4.2	4.3	4.1	3.9	4.1
124°	4.2	4.3	4.2	4.1	4.1
124.5°	4.5	4.3	4.2	4.2	4.2
125°	4.6	4.5	4.4	4.3	4.3
125.5°	4.6	4.6	4.4	4.3	4.4
126°	4.6	4.5	4.4	4.4	4.3
126.5°	4.5	4.6	4.6	4.4	4.5
127°	4.6	4.6	4.5	4.4	4.3
127.5°	4.8	4.7	4.6	4.4	4.3
128°	4.8	4.6	4.6	4.4	4.5
128.5°	4.6	4.6	4.5	4.3	4.5
129°	4.6	4.6	4.5	4.4	4.3
129.5°	4.5	4.6	4.5	4.4	4.4
130°	4.5	4.6	4.4	4.2	4.3
130.5°	4.6	4.5	4.5	4.1	4.3
131°	4.4	4.4	4.4	4.2	4.2
131.5°	4.5	4.3	4.2	4.1	4.2
132°	4.4	4.2	4.2	4.1	4.1
132.5°	4.4	4.2	4.2	4.1	4.2
133°	4.2	4.1	4.1	3.8	4.0
133.5°	4.3	4.1	3.9	3.8	4.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L940-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	4.2	3.9	3.8	3.7	4.0
135.5°	3.9	4.0	3.8	3.6	3.8
136°	3.8	3.8	3.6	3.4	3.8
136.5°	3.9	3.8	3.6	3.4	3.8
137°	3.8	3.7	3.6	3.4	3.7
137.5°	3.8	3.6	3.5	3.3	3.5
138°	3.7	3.5	3.4	3.3	3.5
138.5°	3.8	3.5	3.4	3.2	3.4
139°	3.3	3.4	3.4	3.0	3.5
139.5°	3.5	3.3	3.2	3.1	3.4
140°	3.4	3.2	3.3	3.0	3.2
140.5°	3.4	3.2	3.2	3.0	3.2
141°	3.3	3.2	3.1	2.9	3.0
141.5°	3.0	3.2	3.2	2.9	3.0
142°	3.0	3.0	3.1	3.0	2.8
142.5°	3.0	3.1	3.0	2.9	2.8
143°	3.1	3.0	3.0	3.0	2.8
143.5°	3.1	3.0	3.0	2.8	2.8
144°	3.1	2.9	3.1	2.7	2.9
144.5°	3.0	2.9	3.0	2.8	2.9
145°	3.0	2.9	3.0	2.6	2.9
145.5°	3.0	2.8	2.9	2.6	3.0
146°	3.0	2.8	2.7	2.6	2.9
146.5°	3.0	2.8	2.7	2.6	2.9
147°	3.0	2.8	2.6	2.7	2.7
147.5°	2.9	2.8	2.6	2.7	3.0
148°	3.0	2.8	2.7	2.6	3.0
148.5°	3.0	2.9	2.7	2.6	3.0
149°	3.0	2.8	2.7	2.6	3.0
149.5°	3.1	2.7	2.7	2.6	3.0
150°	3.0	2.9	2.7	2.6	3.0
150.5°	3.0	2.8	2.7	2.7	3.0
151°	3.1	2.8	2.6	2.7	3.1
151.5°	3.0	2.9	2.6	2.7	3.1
152°	3.1	2.9	2.8	2.9	3.0
152.5°	3.1	3.0	2.7	2.8	3.1
153°	3.0	2.9	2.8	3.0	3.2
153.5°	3.3	3.0	2.7	2.9	3.1
154°	3.1	3.0	2.9	2.9	3.1
154.5°	3.1	2.9	2.9	3.0	3.2
155°	3.0	3.0	3.0	3.0	3.3
155.5°	3.1	2.9	2.9	3.0	3.2
156°	3.0	3.0	3.0	3.0	3.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L940-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	3.0	2.8	2.9	3.0	3.1
158°	3.2	3.0	2.9	3.0	3.2
158.5°	3.0	3.0	2.8	3.0	3.1
159°	3.1	3.0	2.9	3.0	3.3
159.5°	3.0	2.9	2.9	3.0	3.4
160°	3.0	3.0	2.8	3.0	3.2
160.5°	3.0	2.9	2.9	3.0	3.2
161°	3.0	2.9	2.9	3.0	3.2
161.5°	3.0	3.0	2.9	2.9	3.0
162°	3.0	2.9	3.0	3.0	3.0
162.5°	3.1	3.0	3.0	3.0	3.1
163°	3.1	3.0	3.0	3.0	3.0
163.5°	3.0	3.0	3.0	3.0	3.3
164°	3.0	3.0	3.0	3.2	3.2
164.5°	2.9	3.1	3.0	3.2	3.3
165°	3.0	3.0	2.9	3.1	3.2
165.5°	2.8	3.0	2.9	3.4	3.2
166°	3.0	3.0	3.0	3.2	3.1
166.5°	3.0	3.0	2.9	3.3	3.0
167°	3.0	3.2	3.0	3.4	3.3
167.5°	3.0	3.2	3.0	3.4	3.3
168°	3.1	3.1	3.0	3.4	3.2
168.5°	3.0	3.3	3.1	3.6	3.3
169°	3.3	3.2	3.0	3.6	3.3
169.5°	3.2	3.2	3.0	3.5	3.4
170°	3.3	3.2	3.1	3.6	3.3
170.5°	3.3	3.4	3.1	3.6	3.4
171°	3.3	3.3	3.3	3.6	3.5
171.5°	3.2	3.3	3.3	3.7	3.4
172°	3.2	3.3	3.4	3.7	3.4
172.5°	3.4	3.4	3.4	3.7	3.4
173°	3.2	3.2	3.4	3.7	3.5
173.5°	3.4	3.4	3.5	3.6	3.6
174°	3.5	3.5	3.8	3.7	3.5
174.5°	3.5	3.7	3.7	3.8	3.7
175°	3.8	3.7	3.8	3.8	3.6
175.5°	3.8	3.7	3.9	3.8	3.8
176°	3.9	3.8	3.8	3.7	3.7
176.5°	4.0	3.8	3.8	3.5	3.7
177°	3.8	3.8	3.6	3.5	3.7
177.5°	3.9	3.8	3.5	3.4	3.8
178°	3.7	3.6	3.4	3.4	3.5
178.5°	3.6	3.5	3.4	3.4	3.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L940-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	3.1	3.1	3.1	3.1	3.1



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	3282.3	3278.3	3262.3	3247.1	3240.7
22°	3280.7	3276.7	3259.9	3244.7	3238.3



44°	2938.1	2926.1	2902.1	2887.8	2878.2
44.5°	2919.7	2906.9	2884.6	2869.4	2859.8



66.5°	1569.3	1562.9	1550.9	1546.9	1542.9
67°	1530.1	1522.9	1511.8	1507.8	1504.6



89°	23.3	22.9	22.7	23.9	24.2
89.5°	10.3	10.5	10.2	10.9	10.8



111.5°	2.0	1.8	1.8	1.8	1.8
112°	2.0	1.8	1.8	1.8	2.0



134°	4.1	4.0	3.9	3.8	4.1
134.5°	4.2	3.9	3.9	3.7	3.8



156.5°	3.1	2.9	3.0	3.0	3.1
157°	3.0	2.9	3.0	3.0	3.1



179°	3.4	3.4	3.2	3.3	3.4
179.5°	3.0	3.2	3.1	3.0	3.3



(END OF REPORT)