

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-L840-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-120-L840-CFD2
Description: 12000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS
AND 4000K CCT, 80CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

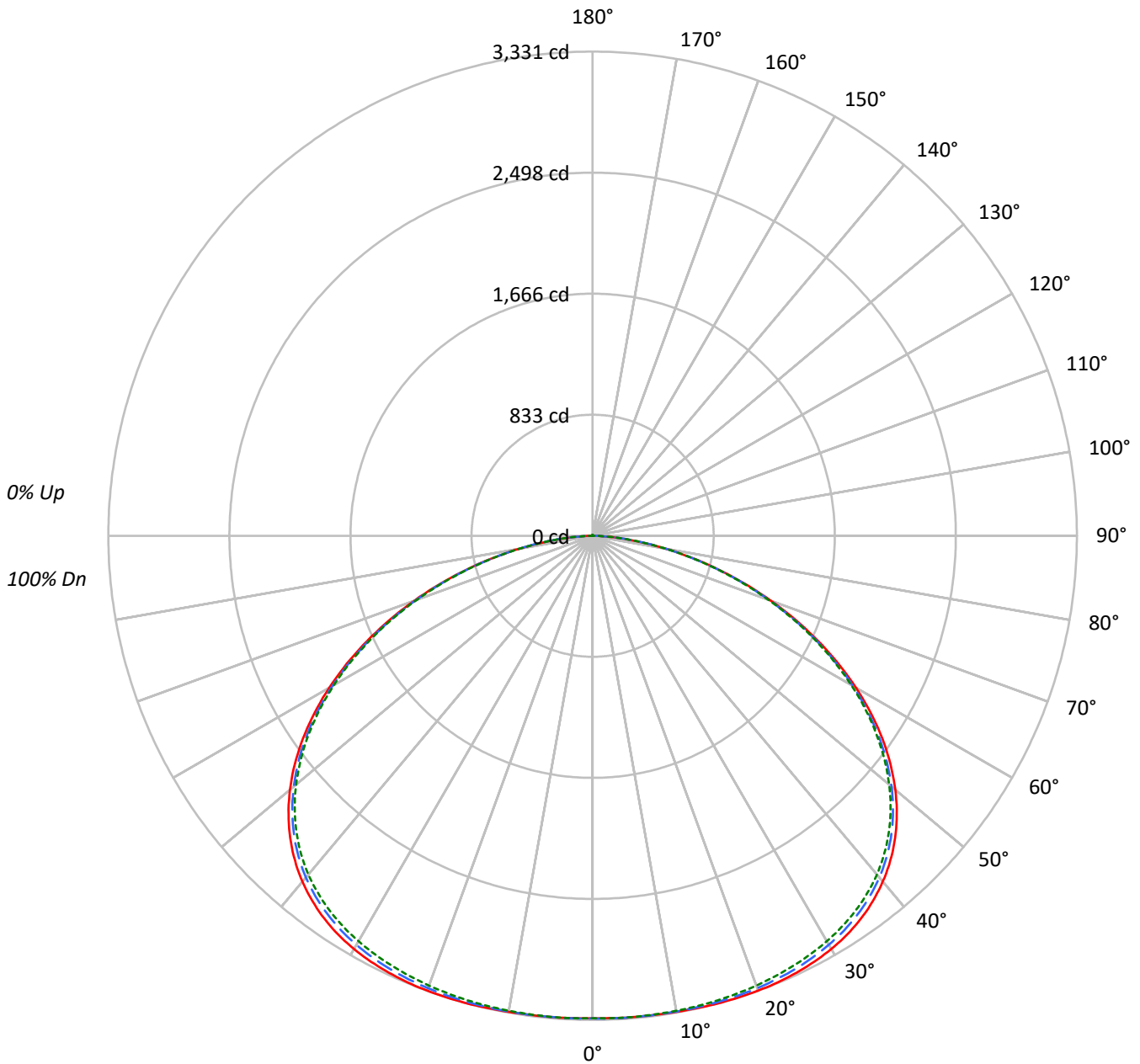
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12021.0 lumens
Efficiency: N/A
Efficacy: 125.7 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): 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

TEST NUMBER: P#
CATALOG NUMBER: 44ID-120-L840-CFD2

Luminous Intensity Polar Plot





TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L840-CFD2

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°	2370	2370	2370
5°	2373	2369	2372
10°	2393	2383	2387
15°	2433	2416	2419
20°	2491	2462	2463
25°	2561	2521	2521
30°	2641	2588	2590
35°	2721	2658	2666
40°	2793	2721	2736
45°	2848	2765	2789
50°	2871	2780	2813
55°	2853	2752	2797
60°	2781	2670	2730
65°	2646	2528	2604
70°	2437	2310	2399
75°	2127	1999	2104
80°	1689	1567	1676
85°	1049	945	1073



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L840-CFD2

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	317.2	2.6
10°-20°	940.9	7.8
20°-30°	1521.1	12.7
30°-40°	1992.3	16.6
40°-50°	2241.0	18.6
50°-60°	2144.4	17.8
60°-70°	1672.5	13.9
70°-80°	942.5	7.8
80°-90°	233.2	1.9
90°-100°	0.8	0.0
100°-110°	1.4	0.0
110°-120°	2.4	0.0
120°-130°	3.8	0.0
130°-140°	3.0	0.0
140°-150°	1.9	0.0
150°-160°	1.4	0.0
160°-170°	0.9	0.0
170°-180°	0.3	0.0
0°-30°	2779.2	23.1
0°-40°	4771.6	39.7
0°-60°	9156.9	76.2
0°-90°	12005.1	99.9
90°-120°	4.6	0.0
90°-150°	13.3	0.1
90°-180°	16.0	0.1
0°-180°	12021.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3320	3320	3320	3320	3320	
5°	3323	3324	3323	3323	3322	317
15°	3330	3330	3322	3314	3310	944
25°	3317	3311	3291	3272	3265	1533
35°	3216	3206	3179	3160	3151	2013
45°	2942	2929	2905	2892	2881	2266
55°	2432	2419	2402	2392	2385	2168
65°	1711	1704	1692	1687	1683	1689
75°	895	895	889	888	885	948
85°	191	193	196	197	195	221
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	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	



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L840-CFD2

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3319.9	3319.9	3319.9	3319.9	3319.9
0.5°	3319.0	3321.5	3322.3	3321.5	3319.9
1°	3319.9	3321.5	3322.3	3322.3	3320.7
1.5°	3320.7	3322.3	3322.3	3322.3	3321.5
2°	3320.7	3322.3	3322.3	3323.1	3321.5
2.5°	3321.5	3323.1	3323.1	3323.1	3321.5
3°	3322.3	3323.1	3323.1	3323.1	3322.3
3.5°	3322.3	3323.1	3323.1	3323.1	3322.3
4°	3323.1	3323.1	3323.1	3323.1	3322.3
4.5°	3323.1	3323.9	3323.1	3323.1	3322.3
5°	3323.1	3323.9	3323.1	3323.1	3322.3
5.5°	3323.1	3323.9	3323.1	3323.1	3322.3
6°	3323.9	3323.9	3323.1	3323.1	3321.5
6.5°	3323.9	3324.7	3323.9	3323.1	3321.5
7°	3323.9	3324.7	3323.1	3323.1	3321.5
7.5°	3323.9	3324.7	3323.1	3322.3	3320.7
8°	3324.7	3324.7	3323.9	3322.3	3320.7
8.5°	3324.7	3325.5	3323.1	3322.3	3319.9
9°	3325.5	3325.5	3323.9	3321.5	3319.9
9.5°	3325.5	3326.3	3323.1	3321.5	3319.0
10°	3326.3	3326.3	3323.1	3320.7	3318.2
10.5°	3327.1	3327.1	3323.1	3320.7	3318.2
11°	3327.1	3327.1	3323.1	3319.9	3317.4
11.5°	3327.9	3327.9	3323.1	3319.0	3316.6
12°	3327.9	3327.9	3323.1	3319.0	3315.8
12.5°	3328.8	3327.9	3322.3	3318.2	3315.0
13°	3328.8	3327.9	3322.3	3317.4	3314.2
13.5°	3329.6	3328.8	3322.3	3316.6	3313.4
14°	3329.6	3328.8	3322.3	3315.8	3311.8
14.5°	3330.4	3328.8	3321.5	3315.0	3310.9
15°	3330.4	3329.6	3321.5	3314.2	3310.1
15.5°	3331.2	3329.6	3320.7	3312.6	3308.5
16°	3330.4	3329.6	3319.9	3311.8	3306.9
16.5°	3331.2	3329.6	3319.9	3310.1	3305.3
17°	3331.2	3328.8	3319.0	3308.5	3304.5
17.5°	3331.2	3328.8	3317.4	3307.7	3302.8
18°	3331.2	3328.8	3316.6	3306.1	3300.4
18.5°	3331.2	3327.9	3315.8	3304.5	3298.8
19°	3330.4	3327.9	3315.0	3302.8	3297.2
19.5°	3330.4	3327.1	3313.4	3300.4	3294.7
20°	3329.6	3326.3	3311.8	3298.8	3293.1
20.5°	3328.8	3325.5	3310.9	3297.2	3290.7
21°	3328.8	3324.7	3309.3	3294.7	3288.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L840-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	3325.5	3320.7	3303.7	3287.5	3280.2
23°	3323.9	3319.0	3301.2	3285.0	3277.7
23.5°	3322.3	3317.4	3298.8	3281.8	3274.5
24°	3320.7	3315.8	3296.4	3278.6	3271.3
24.5°	3319.0	3313.4	3293.9	3275.3	3268.0
25°	3316.6	3310.9	3290.7	3272.1	3264.8
25.5°	3314.2	3308.5	3287.5	3268.8	3260.7
26°	3311.8	3306.1	3284.2	3265.6	3257.5
26.5°	3309.3	3302.8	3281.0	3261.6	3253.5
27°	3306.1	3299.6	3276.9	3257.5	3249.4
27.5°	3302.8	3296.4	3272.9	3253.5	3245.4
28°	3299.6	3292.3	3268.8	3249.4	3241.3
28.5°	3295.6	3288.3	3264.8	3244.5	3236.4
29°	3291.5	3284.2	3259.9	3239.7	3231.6
29.5°	3287.5	3279.4	3255.1	3234.8	3225.9
30°	3282.6	3274.5	3249.4	3229.2	3220.3
30.5°	3277.7	3269.6	3243.7	3223.5	3215.4
31°	3272.1	3264.0	3238.1	3217.8	3208.9
31.5°	3267.2	3258.3	3231.6	3212.2	3203.3
32°	3260.7	3251.8	3225.9	3205.7	3196.8
32.5°	3254.3	3245.4	3218.6	3198.4	3189.5
33°	3247.8	3238.1	3211.3	3191.9	3182.2
33.5°	3240.5	3230.8	3204.1	3184.6	3174.9
34°	3232.4	3222.7	3196.0	3176.5	3167.6
34.5°	3224.3	3214.6	3187.9	3168.4	3159.5
35°	3216.2	3205.7	3179.0	3159.5	3150.6
35.5°	3207.3	3196.8	3170.1	3150.6	3141.7
36°	3198.4	3187.1	3160.3	3141.7	3132.0
36.5°	3187.9	3177.3	3150.6	3132.0	3123.1
37°	3177.3	3166.8	3140.1	3121.5	3112.6
37.5°	3166.8	3155.5	3129.6	3110.9	3101.2
38°	3155.5	3145.0	3118.2	3100.4	3090.7
38.5°	3144.1	3132.8	3106.1	3088.3	3079.4
39°	3132.0	3119.9	3093.9	3076.9	3067.2
39.5°	3119.0	3106.9	3081.8	3064.0	3055.1
40°	3105.3	3093.9	3068.0	3051.0	3042.1
40.5°	3092.3	3080.2	3054.3	3038.1	3028.4
41°	3077.7	3065.6	3040.5	3023.5	3013.8
41.5°	3062.4	3050.2	3025.1	3008.9	2999.2
42°	3047.0	3034.8	3009.7	2994.3	2983.8
42.5°	3030.8	3018.6	2993.5	2978.1	2968.4
43°	3014.6	3001.6	2977.3	2962.0	2952.2
43.5°	2997.6	2984.6	2960.3	2945.0	2935.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L840-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	2941.7	2928.8	2905.3	2891.5	2881.0
45.5°	2922.3	2908.5	2885.8	2872.1	2862.4
46°	2902.0	2888.3	2865.6	2851.8	2842.1
46.5°	2881.0	2867.2	2845.4	2831.6	2821.9
47°	2859.1	2846.2	2823.5	2811.3	2800.8
47.5°	2837.3	2823.5	2801.6	2789.5	2779.0
48°	2815.4	2800.8	2779.8	2766.8	2756.3
48.5°	2791.9	2778.1	2757.1	2745.0	2735.2
49°	2766.8	2753.9	2732.8	2719.8	2710.9
49.5°	2742.5	2729.6	2708.5	2696.4	2686.7
50°	2717.4	2703.7	2684.2	2672.1	2662.4
50.5°	2691.5	2677.7	2658.3	2646.2	2637.3
51°	2665.6	2651.8	2632.4	2620.3	2610.5
51.5°	2638.1	2624.3	2604.9	2593.5	2584.6
52°	2610.5	2596.8	2577.3	2566.8	2557.9
52.5°	2583.0	2569.2	2549.8	2538.5	2530.4
53°	2553.0	2540.1	2522.3	2511.8	2502.8
53.5°	2523.1	2510.1	2492.3	2481.8	2473.7
54°	2493.1	2480.2	2462.4	2451.8	2444.5
54.5°	2464.0	2450.2	2433.2	2422.7	2415.4
55°	2432.4	2419.4	2402.4	2391.9	2384.6
55.5°	2400.8	2387.9	2370.9	2360.3	2353.9
56°	2367.6	2355.5	2338.5	2329.6	2323.1
56.5°	2334.4	2323.1	2306.1	2297.2	2290.7
57°	2302.0	2289.9	2273.7	2265.6	2259.1
57.5°	2269.6	2256.7	2240.5	2232.4	2225.9
58°	2234.0	2221.9	2206.5	2198.4	2192.7
58.5°	2199.2	2187.9	2171.7	2164.4	2158.7
59°	2164.4	2153.0	2137.7	2130.4	2124.7
59.5°	2127.9	2117.4	2102.0	2094.7	2089.1
60°	2092.3	2081.0	2066.4	2059.9	2054.3
60.5°	2055.9	2046.2	2030.8	2024.3	2018.6
61°	2018.6	2008.9	1994.3	1987.9	1982.2
61.5°	1980.6	1972.5	1957.9	1951.4	1946.6
62°	1943.3	1935.2	1920.7	1915.0	1910.1
62.5°	1905.3	1897.2	1882.6	1876.9	1872.1
63°	1867.2	1859.1	1845.4	1839.7	1834.8
63.5°	1828.3	1820.3	1807.3	1801.6	1796.8
64°	1789.5	1781.4	1767.6	1763.6	1757.9
64.5°	1750.6	1742.5	1728.8	1724.7	1719.8
65°	1710.9	1704.5	1691.5	1686.6	1683.4
65.5°	1672.1	1664.0	1651.8	1647.8	1642.9
66°	1630.8	1624.3	1612.2	1608.1	1604.9



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L840-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1510.9	1503.6	1493.1	1489.1	1485.0
68°	1469.6	1463.2	1452.6	1449.4	1445.3
68.5°	1428.3	1421.9	1411.3	1408.9	1406.5
69°	1387.0	1380.6	1371.7	1369.2	1366.0
69.5°	1346.6	1340.1	1332.0	1329.6	1325.5
70°	1305.3	1299.6	1291.5	1289.1	1285.0
70.5°	1264.0	1258.3	1251.0	1248.6	1244.5
71°	1222.7	1217.8	1211.3	1208.1	1204.1
71.5°	1182.2	1177.3	1170.0	1167.6	1164.4
72°	1140.9	1136.8	1129.6	1127.9	1123.9
72.5°	1099.6	1096.4	1089.1	1087.5	1084.2
73°	1058.3	1055.1	1047.8	1046.2	1043.7
73.5°	1017.8	1014.6	1008.1	1005.7	1003.2
74°	977.3	974.9	968.4	966.8	963.6
74.5°	936.0	934.4	928.7	926.3	923.9
75°	894.7	894.7	889.1	887.5	885.0
75.5°	855.1	855.1	849.4	847.8	845.3
76°	815.4	815.4	809.7	808.2	804.9
76.5°	775.3	775.6	770.9	769.2	766.5
77°	736.9	737.2	733.0	730.8	728.1
77.5°	695.9	697.8	694.3	692.3	689.6
78°	657.6	660.0	656.4	654.8	652.6
78.5°	621.5	623.0	620.7	618.8	615.6
79°	583.6	584.9	583.3	581.7	578.6
79.5°	546.4	548.4	547.4	545.9	542.4
80°	510.7	512.1	512.4	510.2	506.9
80.5°	473.1	476.1	476.6	474.4	472.7
81°	438.4	441.2	442.0	440.7	438.5
81.5°	404.2	407.5	408.3	407.5	404.6
82°	370.0	374.0	375.2	374.7	371.4
82.5°	337.2	341.8	343.1	342.6	339.6
83°	305.5	310.4	311.7	312.1	309.3
83.5°	274.8	279.5	281.1	281.5	278.5
84°	245.3	249.6	251.5	252.3	249.8
84.5°	217.3	220.7	223.1	224.1	222.9
85°	190.9	193.4	195.5	197.0	195.3
85.5°	165.3	167.3	168.9	171.2	169.8
86°	141.5	143.5	144.6	146.4	146.4
86.5°	118.9	119.8	120.6	122.8	122.8
87°	97.2	97.2	97.6	100.2	100.3
87.5°	75.0	75.6	76.0	78.3	79.1
88°	52.9	54.7	55.2	57.4	57.2
88.5°	37.4	37.4	37.3	39.5	40.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L840-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	1.8	1.7	1.8	1.9	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°	1.1	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°	1.1	1.0	1.0	1.0	1.0
101.5°	1.2	1.0	1.1	1.1	1.1
102°	1.3	1.1	1.1	1.1	1.1
102.5°	1.1	1.1	1.1	1.1	1.1
103°	1.1	1.0	1.1	1.1	1.1
103.5°	1.2	1.2	1.1	1.1	1.1
104°	1.4	1.2	1.2	1.1	1.1
104.5°	1.2	1.3	1.3	1.3	1.1
105°	1.5	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	1.5
106.5°	1.5	1.3	1.4	1.3	1.2
107°	1.4	1.4	1.5	1.5	1.3
107.5°	1.5	1.4	1.5	1.5	1.5
108°	1.5	1.4	1.3	1.5	1.4
108.5°	1.5	1.5	1.5	1.5	1.4
109°	1.6	1.5	1.5	1.5	1.6
109.5°	1.7	1.5	1.7	1.6	1.5
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-120-L840-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.9	2.0	2.1	2.0	1.9
113°	2.2	1.9	1.9	2.0	2.0
113.5°	2.2	2.2	2.2	2.3	2.3
114°	2.3	2.3	2.3	2.3	2.3
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°	2.7	2.4	2.6	2.5	2.3
116°	2.6	2.7	2.7	2.6	2.5
116.5°	2.8	2.8	2.8	2.8	2.7
117°	2.9	2.9	2.9	2.9	2.6
117.5°	3.1	2.9	3.0	2.9	2.8
118°	3.1	3.0	3.2	3.0	2.8
118.5°	3.3	3.2	3.2	3.1	3.0
119°	3.3	3.3	3.4	3.2	3.2
119.5°	3.4	3.4	3.4	3.3	3.2
120°	3.6	3.6	3.5	3.4	3.5
120.5°	3.6	3.5	3.6	3.6	3.5
121°	3.6	3.6	3.6	3.6	3.5
121.5°	4.0	3.9	3.8	3.6	3.6
122°	3.8	4.0	3.9	3.8	3.9
122.5°	4.1	4.0	4.0	4.0	3.8
123°	4.2	4.2	4.0	4.0	4.0
123.5°	4.2	4.4	4.1	4.0	4.1
124°	4.3	4.4	4.3	4.1	4.1
124.5°	4.5	4.4	4.3	4.2	4.2
125°	4.7	4.5	4.5	4.4	4.4
125.5°	4.7	4.6	4.5	4.4	4.5
126°	4.7	4.5	4.5	4.5	4.4
126.5°	4.5	4.6	4.7	4.5	4.5
127°	4.7	4.7	4.5	4.5	4.4
127.5°	4.9	4.8	4.7	4.5	4.4
128°	4.9	4.6	4.6	4.5	4.5
128.5°	4.7	4.7	4.5	4.4	4.5
129°	4.6	4.6	4.5	4.5	4.4
129.5°	4.5	4.6	4.5	4.5	4.5
130°	4.5	4.6	4.5	4.3	4.4
130.5°	4.7	4.5	4.5	4.1	4.4
131°	4.5	4.5	4.5	4.2	4.3
131.5°	4.5	4.4	4.2	4.1	4.2
132°	4.5	4.3	4.3	4.1	4.1
132.5°	4.5	4.3	4.2	4.1	4.2
133°	4.3	4.1	4.1	3.9	4.0
133.5°	4.4	4.1	4.0	3.8	4.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L840-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	4.2	4.0	3.8	3.7	4.0
135.5°	4.0	4.0	3.8	3.6	3.9
136°	3.9	3.8	3.6	3.5	3.9
136.5°	4.0	3.8	3.6	3.5	3.8
137°	3.9	3.7	3.6	3.5	3.7
137.5°	3.8	3.6	3.6	3.3	3.6
138°	3.7	3.6	3.4	3.3	3.6
138.5°	3.8	3.6	3.5	3.2	3.5
139°	3.3	3.5	3.4	3.1	3.6
139.5°	3.6	3.3	3.2	3.2	3.5
140°	3.5	3.2	3.3	3.1	3.2
140.5°	3.5	3.2	3.2	3.1	3.2
141°	3.3	3.2	3.2	2.9	3.1
141.5°	3.1	3.2	3.2	2.9	3.1
142°	3.0	3.0	3.2	3.0	2.8
142.5°	3.0	3.2	3.1	2.9	2.8
143°	3.2	3.1	3.1	3.0	2.8
143.5°	3.2	3.1	3.1	2.8	2.8
144°	3.2	2.9	3.2	2.8	2.9
144.5°	3.0	2.9	3.0	2.8	2.9
145°	3.1	2.9	3.0	2.7	2.9
145.5°	3.0	2.8	2.9	2.7	3.1
146°	3.0	2.8	2.8	2.7	2.9
146.5°	3.1	2.8	2.8	2.7	2.9
147°	3.0	2.8	2.7	2.8	2.8
147.5°	2.9	2.8	2.7	2.8	3.0
148°	3.0	2.8	2.8	2.7	3.0
148.5°	3.1	2.9	2.8	2.7	3.0
149°	3.0	2.8	2.8	2.7	3.0
149.5°	3.2	2.8	2.8	2.7	3.1
150°	3.1	2.9	2.8	2.7	3.0
150.5°	3.0	2.8	2.8	2.8	3.0
151°	3.2	2.8	2.7	2.8	3.2
151.5°	3.1	2.9	2.7	2.8	3.2
152°	3.2	2.9	2.8	2.9	3.0
152.5°	3.2	3.0	2.8	2.8	3.2
153°	3.1	2.9	2.8	3.0	3.2
153.5°	3.3	3.0	2.8	2.9	3.2
154°	3.2	3.0	2.9	2.9	3.2
154.5°	3.2	2.9	2.9	3.1	3.2
155°	3.0	3.0	3.0	3.1	3.3
155.5°	3.2	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-120-L840-CFD2

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L840-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	3.2	3.2	3.2	3.2	3.2



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	3327.9	3323.9	3307.7	3292.3	3285.8
22°	3326.3	3322.3	3305.3	3289.9	3283.4



44°	2979.0	2966.8	2942.5	2927.9	2918.2
44.5°	2960.3	2947.4	2924.7	2909.3	2899.6



66.5°	1591.1	1584.6	1572.5	1568.4	1564.4
67°	1551.4	1544.1	1532.8	1528.8	1525.5



89°	23.6	23.2	23.0	24.2	24.5
89.5°	10.4	10.6	10.4	11.1	10.9



111.5°	2.0	1.8	1.9	1.9	1.8
112°	2.0	1.9	1.9	1.9	2.0



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



156.5°	3.2	2.9	3.0	3.1	3.2
157°	3.1	2.9	3.0	3.0	3.2



179°	3.5	3.4	3.2	3.3	3.5
179.5°	3.1	3.2	3.2	3.1	3.3



(END OF REPORT)