

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-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-140-L940-CFR2
Description: 14000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS
AND 4000K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

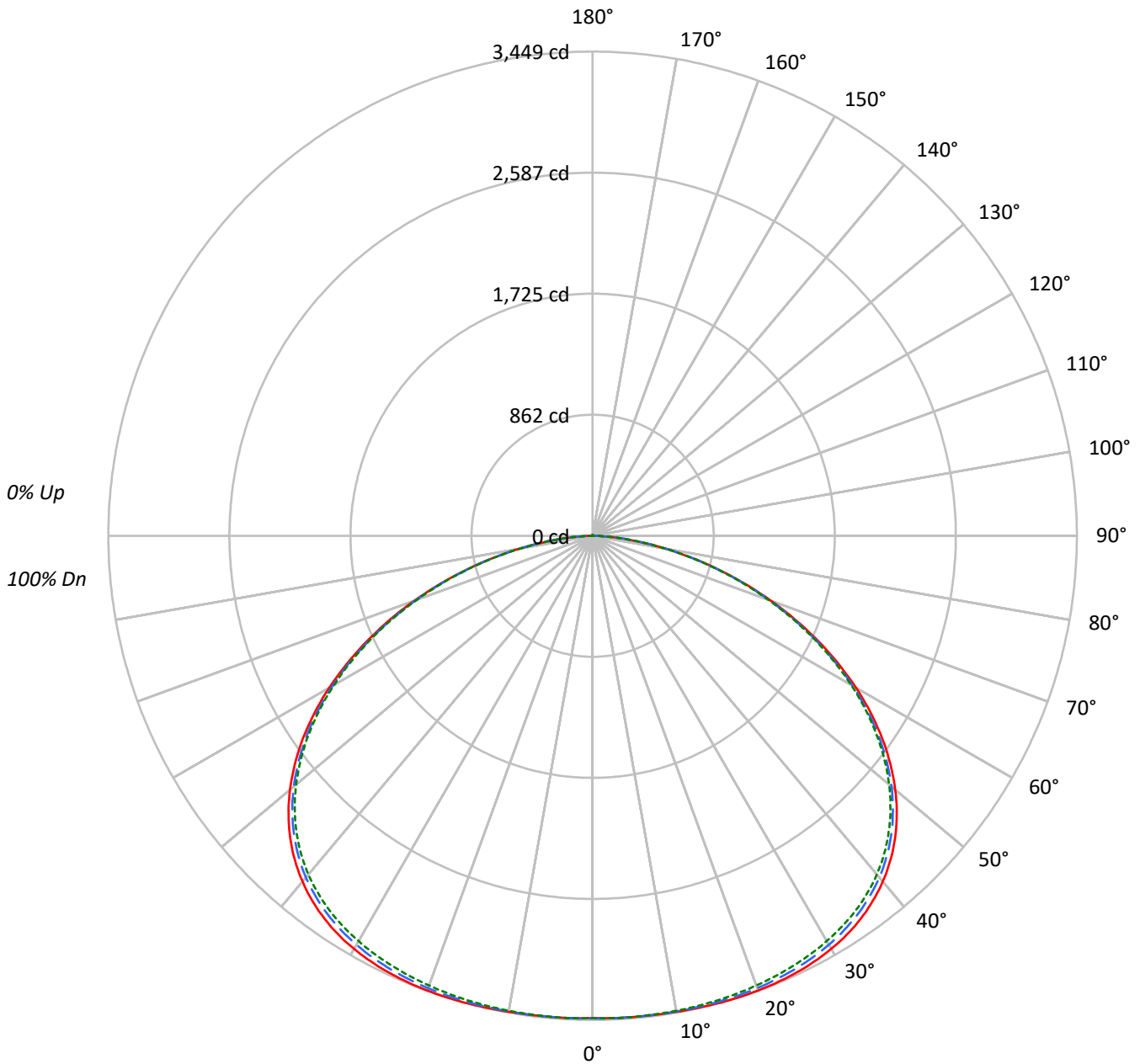
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12445.0 lumens
Efficiency: N/A
Efficacy: 103.7 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): 120
Input Voltage (V):
Input Current (A_{in}): 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°	2454	2454	2454
5°	2465	2465	2465
10°	2496	2494	2490
15°	2548	2541	2533
20°	2619	2605	2590
25°	2705	2684	2662
30°	2801	2773	2748
35°	2902	2868	2843
40°	2996	2960	2935
45°	3075	3037	3011
50°	3125	3086	3061
55°	3134	3096	3073
60°	3093	3054	3036
65°	2992	2958	2944
70°	2821	2791	2777
75°	2555	2539	2527
80°	2174	2181	2158
85°	1619	1658	1656



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	328.4	2.6
10°-20°	974.1	7.8
20°-30°	1574.7	12.7
30°-40°	2062.6	16.6
40°-50°	2320.0	18.6
50°-60°	2220.0	17.8
60°-70°	1731.4	13.9
70°-80°	975.8	7.8
80°-90°	241.5	1.9
90°-100°	0.9	0.0
100°-110°	1.4	0.0
110°-120°	2.5	0.0
120°-130°	3.9	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°	2877.3	23.1
0°-40°	4939.9	39.7
0°-60°	9479.9	76.2
0°-90°	12428.6	99.9
90°-120°	4.8	0.0
90°-150°	13.8	0.1
90°-180°	16.0	0.1
0°-180°	12445.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3437	3437	3437	3437	3437	
5°	3440	3441	3440	3440	3440	328
15°	3448	3447	3439	3431	3427	977
25°	3434	3428	3407	3388	3380	1587
35°	3330	3319	3291	3271	3262	2084
45°	3046	3032	3008	2994	2983	2346
55°	2518	2505	2487	2476	2469	2245
65°	1771	1765	1751	1746	1743	1749
75°	926	926	920	919	916	982
85°	198	200	202	204	202	229
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°	3436.9	3436.9	3436.9	3436.9	3436.9
0.5°	3436.1	3438.6	3439.5	3438.6	3436.9
1°	3436.9	3438.6	3439.5	3439.5	3437.8
1.5°	3437.8	3439.5	3439.5	3439.5	3438.6
2°	3437.8	3439.5	3439.5	3440.3	3438.6
2.5°	3438.6	3440.3	3440.3	3440.3	3438.6
3°	3439.5	3440.3	3440.3	3440.3	3439.5
3.5°	3439.5	3440.3	3440.3	3440.3	3439.5
4°	3440.3	3440.3	3440.3	3440.3	3439.5
4.5°	3440.3	3441.1	3440.3	3440.3	3439.5
5°	3440.3	3441.1	3440.3	3440.3	3439.5
5.5°	3440.3	3441.1	3440.3	3440.3	3439.5
6°	3441.1	3441.1	3440.3	3440.3	3438.6
6.5°	3441.1	3442.0	3441.1	3440.3	3438.6
7°	3441.1	3442.0	3440.3	3440.3	3438.6
7.5°	3441.1	3442.0	3440.3	3439.5	3437.8
8°	3442.0	3442.0	3441.1	3439.5	3437.8
8.5°	3442.0	3442.8	3440.3	3439.5	3436.9
9°	3442.8	3442.8	3441.1	3438.6	3436.9
9.5°	3442.8	3443.7	3440.3	3438.6	3436.1
10°	3443.7	3443.7	3440.3	3437.8	3435.3
10.5°	3444.5	3444.5	3440.3	3437.8	3435.3
11°	3444.5	3444.5	3440.3	3436.9	3434.4
11.5°	3445.3	3445.3	3440.3	3436.1	3433.6
12°	3445.3	3445.3	3440.3	3436.1	3432.8
12.5°	3446.2	3445.3	3439.5	3435.3	3431.9
13°	3446.2	3445.3	3439.5	3434.4	3431.1
13.5°	3447.0	3446.2	3439.5	3433.6	3430.2
14°	3447.0	3446.2	3439.5	3432.8	3428.6
14.5°	3447.8	3446.2	3438.6	3431.9	3427.7
15°	3447.8	3447.0	3438.6	3431.1	3426.9
15.5°	3448.7	3447.0	3437.8	3429.4	3425.2
16°	3447.8	3447.0	3436.9	3428.6	3423.5
16.5°	3448.7	3447.0	3436.9	3426.9	3421.9
17°	3448.7	3446.2	3436.1	3425.2	3421.0
17.5°	3448.7	3446.2	3434.4	3424.4	3419.3
18°	3448.7	3446.2	3433.6	3422.7	3416.8
18.5°	3448.7	3445.3	3432.8	3421.0	3415.2
19°	3447.8	3445.3	3431.9	3419.3	3413.5
19.5°	3447.8	3444.5	3430.2	3416.8	3411.0
20°	3447.0	3443.7	3428.6	3415.2	3409.3
20.5°	3446.2	3442.8	3427.7	3413.5	3406.8
21°	3446.2	3442.0	3426.0	3411.0	3404.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	3442.8	3437.8	3420.2	3403.4	3395.9
23°	3441.1	3436.1	3417.7	3400.9	3393.4
23.5°	3439.5	3434.4	3415.2	3397.5	3390.0
24°	3437.8	3432.8	3412.6	3394.2	3386.7
24.5°	3436.1	3430.2	3410.1	3390.8	3383.3
25°	3433.6	3427.7	3406.8	3387.5	3379.9
25.5°	3431.1	3425.2	3403.4	3384.1	3375.8
26°	3428.6	3422.7	3400.1	3380.8	3372.4
26.5°	3426.0	3419.3	3396.7	3376.6	3368.2
27°	3422.7	3416.0	3392.5	3372.4	3364.0
27.5°	3419.3	3412.6	3388.3	3368.2	3359.8
28°	3416.0	3408.4	3384.1	3364.0	3355.6
28.5°	3411.8	3404.3	3379.9	3359.0	3350.6
29°	3407.6	3400.1	3374.9	3354.0	3345.6
29.5°	3403.4	3395.0	3369.9	3348.9	3339.7
30°	3398.4	3390.0	3364.0	3343.1	3333.8
30.5°	3393.4	3385.0	3358.1	3337.2	3328.8
31°	3387.5	3379.1	3352.3	3331.3	3322.1
31.5°	3382.5	3373.2	3345.6	3325.5	3316.2
32°	3375.8	3366.5	3339.7	3318.8	3309.5
32.5°	3369.0	3359.8	3332.2	3311.2	3302.0
33°	3362.3	3352.3	3324.6	3304.5	3294.4
33.5°	3354.8	3344.7	3317.1	3297.0	3286.9
34°	3346.4	3336.4	3308.7	3288.6	3279.4
34.5°	3338.0	3328.0	3300.3	3280.2	3271.0
35°	3329.6	3318.8	3291.1	3271.0	3261.7
35.5°	3320.4	3309.5	3281.9	3261.7	3252.5
36°	3311.2	3299.5	3271.8	3252.5	3242.5
36.5°	3300.3	3289.4	3261.7	3242.5	3233.2
37°	3289.4	3278.5	3250.8	3231.6	3222.3
37.5°	3278.5	3266.8	3240.0	3220.7	3210.6
38°	3266.8	3255.9	3228.2	3209.8	3199.7
38.5°	3255.0	3243.3	3215.6	3197.2	3188.0
39°	3242.5	3229.9	3203.1	3185.5	3175.4
39.5°	3229.1	3216.5	3190.5	3172.1	3162.8
40°	3214.8	3203.1	3176.2	3158.6	3149.4
40.5°	3201.4	3188.8	3162.0	3145.2	3135.2
41°	3186.3	3173.7	3147.7	3130.1	3120.1
41.5°	3170.4	3157.8	3131.8	3115.0	3105.0
42°	3154.4	3141.9	3115.9	3100.0	3089.1
42.5°	3137.7	3125.1	3099.1	3083.2	3073.1
43°	3120.9	3107.5	3082.4	3066.4	3056.4
43.5°	3103.3	3089.9	3064.8	3048.8	3038.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	3045.5	3032.1	3007.7	2993.5	2982.6
45.5°	3025.4	3011.1	2987.6	2973.4	2963.3
46°	3004.4	2990.1	2966.7	2952.4	2942.4
46.5°	2982.6	2968.3	2945.7	2931.5	2921.4
47°	2960.0	2946.6	2923.1	2910.5	2899.6
47.5°	2937.3	2923.1	2900.4	2887.9	2877.0
48°	2914.7	2899.6	2877.8	2864.4	2853.5
48.5°	2890.4	2876.1	2854.3	2841.8	2831.7
49°	2864.4	2851.0	2829.2	2815.8	2806.6
49.5°	2839.3	2825.8	2804.0	2791.5	2781.4
50°	2813.3	2799.0	2778.9	2766.3	2756.3
50.5°	2786.4	2772.2	2752.1	2739.5	2730.3
51°	2759.6	2745.4	2725.2	2712.7	2702.6
51.5°	2731.1	2716.9	2696.7	2685.0	2675.8
52°	2702.6	2688.4	2668.2	2657.3	2648.1
52.5°	2674.1	2659.9	2639.7	2628.0	2619.6
53°	2643.1	2629.7	2611.2	2600.3	2591.1
53.5°	2612.1	2598.7	2580.2	2569.3	2560.9
54°	2581.1	2567.7	2549.2	2538.3	2530.8
54.5°	2550.9	2536.6	2519.0	2508.1	2500.6
55°	2518.2	2504.8	2487.2	2476.3	2468.7
55.5°	2485.5	2472.1	2454.5	2443.6	2436.9
56°	2451.1	2438.6	2421.0	2411.7	2405.0
56.5°	2416.8	2405.0	2387.4	2378.2	2371.5
57°	2383.2	2370.7	2353.9	2345.5	2338.8
57.5°	2349.7	2336.3	2319.5	2311.1	2304.4
58°	2312.8	2300.2	2284.3	2275.9	2270.1
58.5°	2276.8	2265.0	2248.3	2240.7	2234.9
59°	2240.7	2229.0	2213.1	2205.5	2199.6
59.5°	2203.0	2192.1	2176.2	2168.6	2162.8
60°	2166.1	2154.4	2139.3	2132.6	2126.7
60.5°	2128.4	2118.3	2102.4	2095.7	2089.8
61°	2089.8	2079.8	2064.7	2058.0	2052.1
61.5°	2050.4	2042.0	2027.0	2020.3	2015.2
62°	2011.9	2003.5	1988.4	1982.5	1977.5
62.5°	1972.5	1964.1	1949.0	1943.1	1938.1
63°	1933.1	1924.7	1910.4	1904.6	1899.5
63.5°	1892.8	1884.5	1871.0	1865.2	1860.1
64°	1852.6	1844.2	1830.0	1825.8	1819.9
64.5°	1812.4	1804.0	1789.7	1785.5	1780.5
65°	1771.3	1764.6	1751.2	1746.1	1742.8
65.5°	1731.0	1722.7	1710.1	1705.9	1700.9
66°	1688.3	1681.6	1669.0	1664.8	1661.5



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1564.2	1556.7	1545.8	1541.6	1537.4
68°	1521.5	1514.8	1503.9	1500.5	1496.3
68.5°	1478.7	1472.0	1461.1	1458.6	1456.1
69°	1436.0	1429.3	1420.0	1417.5	1414.2
69.5°	1394.1	1387.4	1379.0	1376.5	1372.3
70°	1351.3	1345.4	1337.1	1334.5	1330.4
70.5°	1308.6	1302.7	1295.1	1292.6	1288.4
71°	1265.8	1260.8	1254.1	1250.7	1246.5
71.5°	1223.9	1218.9	1211.3	1208.8	1205.4
72°	1181.1	1176.9	1169.4	1167.7	1163.5
72.5°	1138.4	1135.0	1127.5	1125.8	1122.5
73°	1095.6	1092.3	1084.7	1083.1	1080.5
73.5°	1053.7	1050.4	1043.7	1041.1	1038.6
74°	1011.8	1009.3	1002.6	1000.9	997.6
74.5°	969.1	967.4	961.5	959.0	956.5
75°	926.3	926.3	920.4	918.8	916.2
75.5°	885.2	885.2	879.4	877.7	875.2
76°	844.1	844.1	838.3	836.7	833.3
76.5°	802.7	803.0	798.0	796.3	793.5
77°	762.9	763.3	758.8	756.5	753.8
77.5°	720.4	722.4	718.7	716.7	714.0
78°	680.8	683.3	679.5	677.9	675.6
78.5°	643.4	645.0	642.5	640.6	637.3
79°	604.2	605.5	603.9	602.2	599.0
79.5°	565.7	567.8	566.7	565.2	561.5
80°	528.7	530.2	530.5	528.2	524.8
80.5°	489.8	492.9	493.4	491.1	489.4
81°	453.8	456.8	457.6	456.3	453.9
81.5°	418.5	421.9	422.7	421.9	418.9
82°	383.0	387.2	388.5	387.9	384.5
82.5°	349.1	353.8	355.2	354.7	351.6
83°	316.3	321.4	322.7	323.1	320.2
83.5°	284.5	289.4	291.0	291.5	288.4
84°	254.0	258.4	260.4	261.2	258.6
84.5°	225.0	228.5	230.9	232.0	230.8
85°	197.7	200.2	202.4	204.0	202.2
85.5°	171.2	173.2	174.9	177.2	175.8
86°	146.5	148.5	149.7	151.6	151.6
86.5°	123.1	124.0	124.9	127.1	127.1
87°	100.6	100.7	101.0	103.8	103.9
87.5°	77.6	78.3	78.6	81.1	81.9
88°	54.7	56.7	57.2	59.4	59.3
88.5°	38.7	38.7	38.6	40.9	41.4



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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-L940-CFR2

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	2.3	2.3
114°	2.3	2.3	2.4	2.4	2.3
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	3.9	3.8	3.8
122°	3.9	4.2	4.0	3.9	4.0
122.5°	4.3	4.2	4.1	4.1	3.9
123°	4.4	4.4	4.2	4.2	4.1
123.5°	4.4	4.5	4.3	4.1	4.3
124°	4.4	4.5	4.4	4.3	4.3
124.5°	4.7	4.5	4.4	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	4.9	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	4.4	4.5
130.5°	4.9	4.7	4.7	4.3	4.5
131°	4.6	4.6	4.6	4.4	4.4
131.5°	4.7	4.5	4.4	4.3	4.4
132°	4.6	4.4	4.4	4.3	4.3
132.5°	4.6	4.4	4.4	4.3	4.4
133°	4.4	4.3	4.3	4.0	4.2
133.5°	4.5	4.3	4.1	3.9	4.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L940-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	4.4	4.1	3.9	3.9	4.2
135.5°	4.1	4.2	3.9	3.8	4.0
136°	4.0	3.9	3.8	3.6	4.0
136.5°	4.1	3.9	3.8	3.6	3.9
137°	4.0	3.9	3.8	3.6	3.9
137.5°	3.9	3.8	3.7	3.4	3.7
138°	3.9	3.7	3.5	3.4	3.7
138.5°	3.9	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-L940-CFR2

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	3.9	3.9	3.7
174.5°	3.7	3.9	3.9	4.0	3.9
175°	3.9	3.9	3.9	4.0	3.8
175.5°	3.9	3.9	4.1	3.9	3.9
176°	4.1	4.0	3.9	3.9	3.9
176.5°	4.2	3.9	4.0	3.7	3.9
177°	4.0	3.9	3.8	3.7	3.9
177.5°	4.1	3.9	3.7	3.6	3.9
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-L940-CFR2

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°	3445.3	3441.1	3424.4	3408.4	3401.7
22°	3443.7	3439.5	3421.9	3405.9	3399.2



44°	3084.0	3071.5	3046.3	3031.2	3021.2
44.5°	3064.8	3051.3	3027.9	3011.9	3001.9



66.5°	1647.2	1640.5	1627.9	1623.7	1619.6
67°	1606.1	1598.6	1586.9	1582.7	1579.3



89°	24.5	24.1	23.8	25.1	25.4
89.5°	10.8	11.0	10.7	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)