

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-L830-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-L830-CFD2
Description: 14000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS
AND 3000K CCT, 80CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

Summary

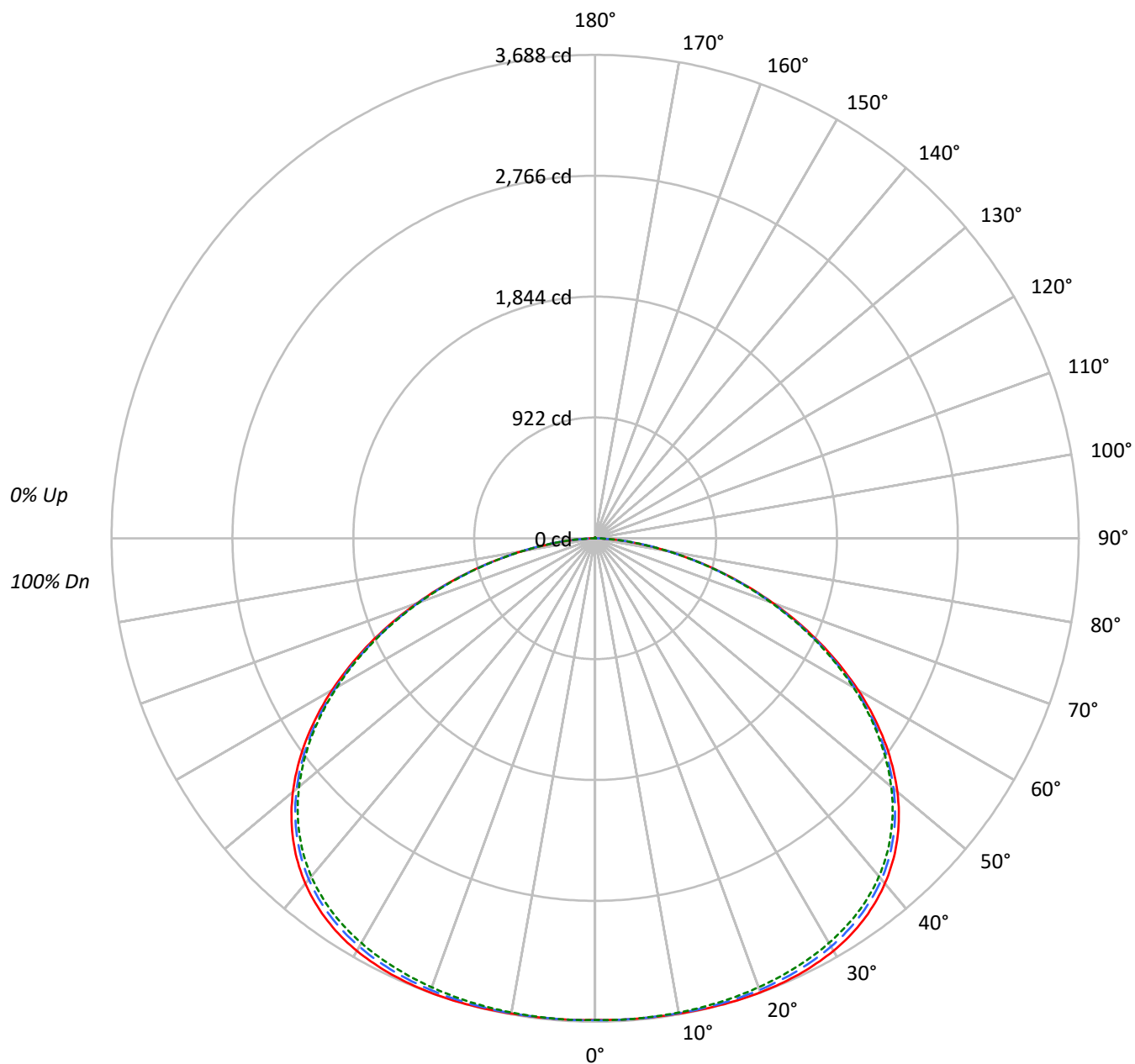
Lumens per Lamp: N/A
Luminaire Lumens: 13308.0 lumens
Efficiency: N/A
Efficacy: 110.9 lumens/watt
Spacing Criteria (0/90/45): 1.48 / 1.45 / 1.57
Luminous Opening: Rectangular w/ Sides (W: 3.88' x L: 3.88' x H: 0.17')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
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°	2624	2624	2624
5°	2627	2622	2626
10°	2649	2639	2643
15°	2694	2674	2678
20°	2757	2725	2727
25°	2835	2791	2791
30°	2923	2865	2868
35°	3012	2942	2951
40°	3092	3012	3029
45°	3153	3061	3088
50°	3179	3078	3114
55°	3158	3046	3096
60°	3078	2955	3022
65°	2930	2799	2883
70°	2698	2558	2656
75°	2355	2214	2329
80°	1869	1735	1856
85°	1162	1047	1188



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	351.2	2.6
10°-20°	1041.7	7.8
20°-30°	1683.9	12.7
30°-40°	2205.6	16.6
40°-50°	2480.9	18.6
50°-60°	2374.0	17.8
60°-70°	1851.5	13.9
70°-80°	1043.4	7.8
80°-90°	258.2	1.9
90°-100°	0.9	0.0
100°-110°	1.5	0.0
110°-120°	2.7	0.0
120°-130°	4.2	0.0
130°-140°	3.3	0.0
140°-150°	2.0	0.0
150°-160°	1.5	0.0
160°-170°	1.0	0.0
170°-180°	0.4	0.0
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0°-30°	3076.8	23.1
0°-40°	5282.4	39.7
0°-60°	10137.3	76.2
0°-90°	13290.4	99.9
90°-120°	5.1	0.0
90°-150°	14.7	0.1
90°-180°	18.0	0.1
0°-180°	13308.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3675	3675	3675	3675	3675	
5°	3679	3680	3679	3679	3678	351
15°	3687	3686	3677	3669	3664	1045
25°	3672	3665	3643	3622	3614	1697
35°	3560	3549	3519	3498	3488	2229
45°	3257	3242	3216	3201	3189	2509
55°	2693	2678	2660	2648	2640	2400
65°	1894	1887	1873	1867	1864	1870
75°	990	990	984	982	980	1050
85°	211	214	216	218	216	245
90°	2	2	2	2	2	10
95°	1	1	1	1	1	1
105°	2	1	1	2	2	2
115°	3	3	3	3	3	3
125°	5	5	5	5	5	4
135°	5	4	4	4	4	4
145°	3	3	3	3	3	2
155°	3	3	3	3	4	2
165°	3	3	3	4	4	1
175°	4	4	4	4	4	0
180°	4	4	4	4	4	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3675.3	3675.3	3675.3	3675.3	3675.3
0.5°	3674.4	3677.1	3678.0	3677.1	3675.3
1°	3675.3	3677.1	3678.0	3678.0	3676.2
1.5°	3676.2	3678.0	3678.0	3678.0	3677.1
2°	3676.2	3678.0	3678.0	3678.9	3677.1
2.5°	3677.1	3678.9	3678.9	3678.9	3677.1
3°	3678.0	3678.9	3678.9	3678.9	3678.0
3.5°	3678.0	3678.9	3678.9	3678.9	3678.0
4°	3678.9	3678.9	3678.9	3678.9	3678.0
4.5°	3678.9	3679.8	3678.9	3678.9	3678.0
5°	3678.9	3679.8	3678.9	3678.9	3678.0
5.5°	3678.9	3679.8	3678.9	3678.9	3678.0
6°	3679.8	3679.8	3678.9	3678.9	3677.1
6.5°	3679.8	3680.7	3679.8	3678.9	3677.1
7°	3679.8	3680.7	3678.9	3678.9	3677.1
7.5°	3679.8	3680.7	3678.9	3678.0	3676.2
8°	3680.7	3680.7	3679.8	3678.0	3676.2
8.5°	3680.7	3681.6	3678.9	3678.0	3675.3
9°	3681.6	3681.6	3679.8	3677.1	3675.3
9.5°	3681.6	3682.5	3678.9	3677.1	3674.4
10°	3682.5	3682.5	3678.9	3676.2	3673.5
10.5°	3683.4	3683.4	3678.9	3676.2	3673.5
11°	3683.4	3683.4	3678.9	3675.3	3672.6
11.5°	3684.2	3684.2	3678.9	3674.4	3671.7
12°	3684.2	3684.2	3678.9	3674.4	3670.8
12.5°	3685.1	3684.2	3678.0	3673.5	3669.9
13°	3685.1	3684.2	3678.0	3672.6	3669.0
13.5°	3686.0	3685.1	3678.0	3671.7	3668.1
14°	3686.0	3685.1	3678.0	3670.8	3666.3
14.5°	3686.9	3685.1	3677.1	3669.9	3665.4
15°	3686.9	3686.0	3677.1	3669.0	3664.5
15.5°	3687.8	3686.0	3676.2	3667.2	3662.7
16°	3686.9	3686.0	3675.3	3666.3	3660.9
16.5°	3687.8	3686.0	3675.3	3664.5	3659.1
17°	3687.8	3685.1	3674.4	3662.7	3658.3
17.5°	3687.8	3685.1	3672.6	3661.8	3656.5
18°	3687.8	3685.1	3671.7	3660.0	3653.8
18.5°	3687.8	3684.2	3670.8	3658.3	3652.0
19°	3686.9	3684.2	3669.9	3656.5	3650.2
19.5°	3686.9	3683.4	3668.1	3653.8	3647.5
20°	3686.0	3682.5	3666.3	3652.0	3645.7
20.5°	3685.1	3681.6	3665.4	3650.2	3643.0
21°	3685.1	3680.7	3663.6	3647.5	3640.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	3681.6	3676.2	3657.4	3639.4	3631.4
23°	3679.8	3674.4	3654.7	3636.7	3628.7
23.5°	3678.0	3672.6	3652.0	3633.2	3625.1
24°	3676.2	3670.8	3649.3	3629.6	3621.5
24.5°	3674.4	3668.1	3646.6	3626.0	3617.9
25°	3671.7	3665.4	3643.0	3622.4	3614.3
25.5°	3669.0	3662.7	3639.4	3618.8	3609.8
26°	3666.3	3660.0	3635.8	3615.2	3606.3
26.5°	3663.6	3656.5	3632.3	3610.7	3601.8
27°	3660.0	3652.9	3627.8	3606.3	3597.3
27.5°	3656.5	3649.3	3623.3	3601.8	3592.8
28°	3652.9	3644.8	3618.8	3597.3	3588.3
28.5°	3648.4	3640.3	3614.3	3591.9	3583.0
29°	3643.9	3635.8	3608.9	3586.5	3577.6
29.5°	3639.4	3630.5	3603.6	3581.2	3571.3
30°	3634.0	3625.1	3597.3	3574.9	3565.0
30.5°	3628.7	3619.7	3591.0	3568.6	3559.6
31°	3622.4	3613.4	3584.7	3562.3	3552.5
31.5°	3617.0	3607.2	3577.6	3556.1	3546.2
32°	3609.8	3600.0	3571.3	3548.9	3539.0
32.5°	3602.7	3592.8	3563.2	3540.8	3531.0
33°	3595.5	3584.7	3555.2	3533.7	3522.9
33.5°	3587.4	3576.7	3547.1	3525.6	3514.8
34°	3578.5	3567.7	3538.1	3516.6	3506.8
34.5°	3569.5	3558.7	3529.2	3507.7	3497.8
35°	3560.5	3548.9	3519.3	3497.8	3487.9
35.5°	3550.7	3539.0	3509.4	3487.9	3478.1
36°	3540.8	3528.3	3498.7	3478.1	3467.3
36.5°	3529.2	3517.5	3487.9	3467.3	3457.5
37°	3517.5	3505.9	3476.3	3455.7	3445.8
37.5°	3505.9	3493.3	3464.6	3444.0	3433.3
38°	3493.3	3481.7	3452.1	3432.4	3421.6
38.5°	3480.8	3468.2	3438.6	3418.9	3409.0
39°	3467.3	3453.9	3425.2	3406.4	3395.6
39.5°	3453.0	3439.5	3411.7	3392.0	3382.2
40°	3437.7	3425.2	3396.5	3377.7	3367.8
40.5°	3423.4	3409.9	3381.3	3363.3	3352.6
41°	3407.3	3393.8	3366.0	3347.2	3336.4
41.5°	3390.2	3376.8	3349.0	3331.1	3320.3
42°	3373.2	3359.7	3332.0	3314.9	3303.3
42.5°	3355.3	3341.8	3314.0	3297.0	3286.2
43°	3337.3	3323.0	3296.1	3279.1	3268.3
43.5°	3318.5	3304.2	3277.3	3260.2	3249.5



TEST NUMBER: P#

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	3256.7	3242.3	3216.3	3201.1	3189.4
45.5°	3235.1	3219.9	3194.8	3179.6	3168.8
46°	3212.7	3197.5	3172.4	3157.2	3146.4
46.5°	3189.4	3174.2	3150.0	3134.7	3124.0
47°	3165.2	3150.9	3125.8	3112.3	3100.7
47.5°	3141.0	3125.8	3101.6	3088.1	3076.5
48°	3116.8	3100.7	3077.4	3063.0	3051.4
48.5°	3090.8	3075.6	3052.3	3038.8	3028.1
49°	3063.0	3048.7	3025.4	3011.0	3001.2
49.5°	3036.1	3021.8	2998.5	2985.0	2974.3
50°	3008.4	2993.1	2971.6	2958.2	2947.4
50.5°	2979.7	2964.4	2942.9	2929.5	2919.6
51°	2951.0	2935.7	2914.2	2900.8	2890.0
51.5°	2920.5	2905.3	2883.8	2871.2	2861.3
52°	2890.0	2874.8	2853.3	2841.6	2831.8
52.5°	2859.5	2844.3	2822.8	2810.2	2801.3
53°	2826.4	2812.0	2792.3	2780.7	2770.8
53.5°	2793.2	2778.9	2759.2	2747.5	2738.5
54°	2760.0	2745.7	2726.0	2714.3	2706.3
54.5°	2727.8	2712.5	2693.7	2682.1	2674.0
55°	2692.8	2678.5	2659.6	2648.0	2639.9
55.5°	2657.9	2643.5	2624.7	2613.0	2605.9
56°	2621.1	2607.7	2588.8	2579.0	2571.8
56.5°	2584.4	2571.8	2553.0	2543.1	2535.9
57°	2548.5	2535.0	2517.1	2508.2	2501.0
57.5°	2512.6	2498.3	2480.4	2471.4	2464.2
58°	2473.2	2459.8	2442.7	2433.8	2427.5
58.5°	2434.7	2422.1	2404.2	2396.1	2389.8
59°	2396.1	2383.6	2366.5	2358.5	2352.2
59.5°	2355.8	2344.1	2327.1	2319.0	2312.7
60°	2316.3	2303.8	2287.6	2280.5	2274.2
60.5°	2276.0	2265.2	2248.2	2241.0	2234.8
61°	2234.8	2224.0	2207.9	2200.7	2194.4
61.5°	2192.6	2183.7	2167.5	2160.3	2155.0
62°	2151.4	2142.4	2126.3	2120.0	2114.6
62.5°	2109.3	2100.3	2084.2	2077.9	2072.5
63°	2067.1	2058.2	2042.9	2036.6	2031.3
63.5°	2024.1	2015.1	2000.8	1994.5	1989.1
64°	1981.1	1972.1	1956.9	1952.4	1946.1
64.5°	1938.0	1929.1	1913.8	1909.4	1904.0
65°	1894.1	1886.9	1872.6	1867.2	1863.6
65.5°	1851.1	1842.1	1828.7	1824.2	1818.8
66°	1805.4	1798.2	1784.8	1780.3	1776.7



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1672.7	1664.6	1653.0	1648.5	1644.0
68°	1627.0	1619.8	1608.2	1604.6	1600.1
68.5°	1581.3	1574.1	1562.4	1559.8	1557.1
69°	1535.6	1528.4	1518.5	1515.8	1512.2
69.5°	1490.7	1483.6	1474.6	1471.9	1467.4
70°	1445.0	1438.7	1429.8	1427.1	1422.6
70.5°	1399.3	1393.0	1385.0	1382.3	1377.8
71°	1353.6	1348.2	1341.0	1337.4	1333.0
71.5°	1308.8	1303.4	1295.3	1292.6	1289.0
72°	1263.0	1258.6	1250.5	1248.7	1244.2
72.5°	1217.3	1213.7	1205.7	1203.9	1200.3
73°	1171.6	1168.0	1160.0	1158.2	1155.5
73.5°	1126.8	1123.2	1116.0	1113.3	1110.7
74°	1082.0	1079.3	1072.1	1070.3	1066.7
74.5°	1036.3	1034.5	1028.2	1025.5	1022.8
75°	990.5	990.5	984.3	982.5	979.8
75.5°	946.6	946.6	940.3	938.5	935.9
76°	902.7	902.7	896.4	894.7	891.1
76.5°	858.3	858.7	853.4	851.5	848.5
77°	815.8	816.2	811.4	809.0	806.1
77.5°	770.4	772.5	768.6	766.4	763.5
78°	728.0	730.7	726.6	724.9	722.4
78.5°	688.0	689.7	687.1	685.0	681.5
79°	646.1	647.5	645.8	644.0	640.6
79.5°	604.9	607.1	606.0	604.4	600.4
80°	565.4	567.0	567.2	564.8	561.2
80.5°	523.8	527.1	527.6	525.2	523.3
81°	485.3	488.5	489.4	487.9	485.4
81.5°	447.5	451.2	452.0	451.2	447.9
82°	409.6	414.1	415.4	414.8	411.2
82.5°	373.4	378.4	379.8	379.3	376.0
83°	338.2	343.7	345.0	345.5	342.4
83.5°	304.2	309.4	311.1	311.7	308.4
84°	271.6	276.3	278.4	279.3	276.5
84.5°	240.6	244.4	247.0	248.1	246.8
85°	211.4	214.1	216.5	218.1	216.2
85.5°	183.0	185.2	187.0	189.5	188.0
86°	156.7	158.8	160.1	162.1	162.1
86.5°	131.6	132.6	133.6	135.9	135.9
87°	107.6	107.7	108.0	111.0	111.1
87.5°	83.0	83.7	84.1	86.7	87.6
88°	58.5	60.6	61.1	63.6	63.4
88.5°	41.4	41.4	41.3	43.7	44.3



TEST NUMBER: P#

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	2.0	1.9	2.0	2.1	1.9
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	0.9
94.5°	0.8	0.8	0.7	0.8	0.8
95°	0.8	0.6	0.8	0.7	0.9
95.5°	0.7	0.8	0.9	0.8	0.9
96°	1.0	1.0	0.8	0.8	0.9
96.5°	1.0	0.9	0.9	0.8	0.9
97°	1.0	0.9	1.0	0.8	1.1
97.5°	1.1	0.9	0.9	0.8	1.1
98°	1.2	1.0	1.0	1.0	1.2
98.5°	1.2	1.0	0.9	0.9	1.1
99°	1.1	1.1	1.0	0.9	1.0
99.5°	1.2	0.9	1.1	1.0	1.0
100°	1.2	1.1	1.1	1.1	1.2
100.5°	1.2	1.2	1.1	1.2	1.2
101°	1.3	1.1	1.1	1.1	1.1
101.5°	1.3	1.1	1.2	1.2	1.3
102°	1.4	1.2	1.3	1.2	1.3
102.5°	1.3	1.2	1.2	1.3	1.3
103°	1.3	1.1	1.3	1.2	1.3
103.5°	1.3	1.3	1.3	1.3	1.2
104°	1.5	1.3	1.3	1.3	1.2
104.5°	1.3	1.4	1.4	1.4	1.3
105°	1.6	1.4	1.3	1.5	1.5
105.5°	1.5	1.3	1.4	1.3	1.3
106°	1.4	1.4	1.5	1.5	1.6
106.5°	1.6	1.4	1.5	1.4	1.3
107°	1.5	1.5	1.6	1.6	1.4
107.5°	1.7	1.5	1.6	1.7	1.6
108°	1.7	1.5	1.4	1.7	1.5
108.5°	1.7	1.7	1.7	1.6	1.5
109°	1.8	1.7	1.7	1.7	1.8
109.5°	1.9	1.6	1.9	1.8	1.6
110°	1.8	1.8	1.8	1.9	1.8
110.5°	1.9	1.8	1.9	1.9	2.0
111°	1.9	2.0	2.0	2.0	1.9



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L830-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	2.2	2.2	2.3	2.2	2.1
113°	2.4	2.2	2.2	2.2	2.2
113.5°	2.4	2.4	2.4	2.5	2.5
114°	2.5	2.5	2.6	2.6	2.5
114.5°	2.7	2.7	2.6	2.6	2.4
115°	2.7	2.7	2.6	2.7	2.6
115.5°	3.0	2.7	2.9	2.8	2.6
116°	2.9	3.0	3.0	2.9	2.8
116.5°	3.0	3.0	3.0	3.0	3.0
117°	3.2	3.2	3.2	3.2	2.9
117.5°	3.4	3.2	3.3	3.2	3.0
118°	3.4	3.3	3.5	3.3	3.1
118.5°	3.7	3.5	3.5	3.4	3.3
119°	3.7	3.7	3.8	3.5	3.5
119.5°	3.8	3.8	3.8	3.7	3.6
120°	3.9	3.9	3.9	3.8	3.9
120.5°	4.0	3.9	4.0	3.9	3.9
121°	4.0	4.0	4.0	4.0	3.9
121.5°	4.5	4.3	4.2	4.0	4.0
122°	4.2	4.5	4.3	4.2	4.3
122.5°	4.6	4.5	4.4	4.4	4.2
123°	4.7	4.7	4.5	4.5	4.4
123.5°	4.7	4.8	4.6	4.4	4.6
124°	4.8	4.8	4.8	4.6	4.6
124.5°	5.0	4.8	4.8	4.7	4.7
125°	5.2	5.0	4.9	4.8	4.8
125.5°	5.2	5.1	4.9	4.8	4.9
126°	5.2	5.0	4.9	4.9	4.8
126.5°	5.0	5.1	5.2	4.9	5.0
127°	5.2	5.2	5.0	4.9	4.8
127.5°	5.4	5.3	5.2	4.9	4.8
128°	5.4	5.1	5.1	4.9	5.0
128.5°	5.2	5.2	5.0	4.8	5.0
129°	5.1	5.1	5.0	4.9	4.8
129.5°	5.0	5.1	5.0	4.9	4.9
130°	5.0	5.1	4.9	4.8	4.8
130.5°	5.2	5.0	5.0	4.6	4.8
131°	4.9	4.9	4.9	4.7	4.8
131.5°	5.0	4.8	4.7	4.6	4.7
132°	4.9	4.8	4.8	4.6	4.6
132.5°	4.9	4.8	4.7	4.6	4.7
133°	4.8	4.6	4.6	4.3	4.5
133.5°	4.8	4.6	4.4	4.2	4.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L830-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	4.7	4.4	4.2	4.1	4.5
135.5°	4.4	4.5	4.2	4.0	4.3
136°	4.3	4.2	4.0	3.9	4.3
136.5°	4.4	4.2	4.0	3.9	4.2
137°	4.3	4.1	4.0	3.9	4.1
137.5°	4.2	4.0	3.9	3.7	3.9
138°	4.1	3.9	3.8	3.7	3.9
138.5°	4.2	3.9	3.9	3.6	3.9
139°	3.7	3.9	3.8	3.4	3.9
139.5°	3.9	3.7	3.6	3.5	3.9
140°	3.9	3.6	3.7	3.4	3.6
140.5°	3.9	3.6	3.6	3.4	3.6
141°	3.7	3.6	3.5	3.2	3.4
141.5°	3.4	3.6	3.6	3.2	3.4
142°	3.3	3.3	3.5	3.3	3.1
142.5°	3.3	3.5	3.4	3.2	3.1
143°	3.5	3.4	3.4	3.3	3.1
143.5°	3.5	3.4	3.4	3.1	3.1
144°	3.5	3.2	3.5	3.0	3.2
144.5°	3.3	3.2	3.3	3.1	3.2
145°	3.4	3.2	3.3	3.0	3.2
145.5°	3.3	3.1	3.2	3.0	3.4
146°	3.3	3.1	3.0	3.0	3.2
146.5°	3.4	3.1	3.0	3.0	3.2
147°	3.3	3.1	3.0	3.0	3.0
147.5°	3.2	3.1	3.0	3.0	3.3
148°	3.3	3.1	3.0	3.0	3.3
148.5°	3.4	3.2	3.0	3.0	3.3
149°	3.3	3.1	3.0	3.0	3.3
149.5°	3.5	3.0	3.0	3.0	3.4
150°	3.4	3.2	3.0	3.0	3.3
150.5°	3.3	3.1	3.0	3.0	3.3
151°	3.5	3.1	3.0	3.0	3.5
151.5°	3.4	3.2	3.0	3.0	3.5
152°	3.5	3.2	3.1	3.2	3.3
152.5°	3.5	3.3	3.0	3.1	3.5
153°	3.4	3.2	3.1	3.3	3.6
153.5°	3.7	3.3	3.0	3.2	3.5
154°	3.5	3.3	3.2	3.2	3.5
154.5°	3.5	3.2	3.2	3.4	3.6
155°	3.3	3.3	3.3	3.4	3.7
155.5°	3.5	3.2	3.2	3.3	3.6
156°	3.3	3.3	3.3	3.3	3.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L830-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	3.3	3.1	3.2	3.4	3.5
158°	3.6	3.3	3.2	3.3	3.6
158.5°	3.4	3.3	3.1	3.3	3.5
159°	3.5	3.3	3.2	3.3	3.7
159.5°	3.4	3.2	3.2	3.3	3.8
160°	3.4	3.3	3.1	3.3	3.6
160.5°	3.3	3.2	3.2	3.4	3.6
161°	3.3	3.2	3.2	3.4	3.6
161.5°	3.4	3.3	3.2	3.2	3.4
162°	3.3	3.2	3.3	3.4	3.4
162.5°	3.5	3.4	3.3	3.3	3.5
163°	3.5	3.3	3.4	3.4	3.4
163.5°	3.4	3.3	3.4	3.4	3.7
164°	3.3	3.4	3.3	3.6	3.6
164.5°	3.2	3.5	3.4	3.6	3.7
165°	3.3	3.3	3.2	3.5	3.6
165.5°	3.1	3.3	3.2	3.8	3.6
166°	3.4	3.4	3.3	3.6	3.5
166.5°	3.4	3.3	3.2	3.7	3.3
167°	3.3	3.6	3.3	3.8	3.7
167.5°	3.4	3.6	3.4	3.9	3.7
168°	3.5	3.5	3.3	3.8	3.6
168.5°	3.4	3.7	3.5	4.0	3.7
169°	3.7	3.6	3.3	4.0	3.7
169.5°	3.6	3.6	3.4	3.9	3.8
170°	3.7	3.6	3.5	4.0	3.7
170.5°	3.7	3.8	3.5	4.0	3.9
171°	3.7	3.7	3.7	4.0	3.9
171.5°	3.6	3.7	3.7	4.1	3.8
172°	3.6	3.7	3.8	4.1	3.9
172.5°	3.8	3.8	3.9	4.1	3.9
173°	3.6	3.6	3.9	4.1	3.9
173.5°	3.9	3.8	3.9	4.0	4.0
174°	3.9	3.9	4.2	4.1	3.9
174.5°	3.9	4.1	4.1	4.3	4.1
175°	4.2	4.1	4.2	4.3	4.0
175.5°	4.2	4.1	4.4	4.2	4.2
176°	4.4	4.3	4.2	4.1	4.1
176.5°	4.5	4.2	4.3	3.9	4.1
177°	4.3	4.2	4.0	3.9	4.1
177.5°	4.4	4.2	3.9	3.9	4.2
178°	4.1	4.0	3.9	3.9	3.9
178.5°	4.0	3.9	3.8	3.8	3.8



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L830-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	3.5	3.5	3.5	3.5	3.5



Report Generated By 670246072 / DESKTOP-MV3F9LC





— 0°-180° - - 45°-225° - - - 90°-270°







21.5°	3684.2	3679.8	3661.8	3644.8	3637.6
22°	3682.5	3678.0	3659.1	3642.1	3634.9



44°	3297.9	3284.4	3257.6	3241.4	3230.7
44.5°	3277.3	3262.9	3237.8	3220.8	3210.0



66.5°	1761.4	1754.3	1740.8	1736.3	1731.9
67°	1717.5	1709.5	1696.9	1692.4	1688.8



89°	26.2	25.7	25.5	26.8	27.2
89.5°	11.6	11.7	11.5	12.3	12.1



111.5°	2.2	2.0	2.1	2.1	2.0
112°	2.2	2.1	2.1	2.1	2.2



134°	4.6	4.5	4.4	4.3	4.6
134.5°	4.7	4.4	4.4	4.1	4.3



156.5°	3.5	3.2	3.3	3.4	3.5
157°	3.4	3.2	3.3	3.3	3.5



179°	3.9	3.8	3.6	3.7	3.9
179.5°	3.4	3.6	3.5	3.4	3.7



(END OF REPORT)