

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-160-L930-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-160-L930-CFD2
Description: 16000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS
AND 3000K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

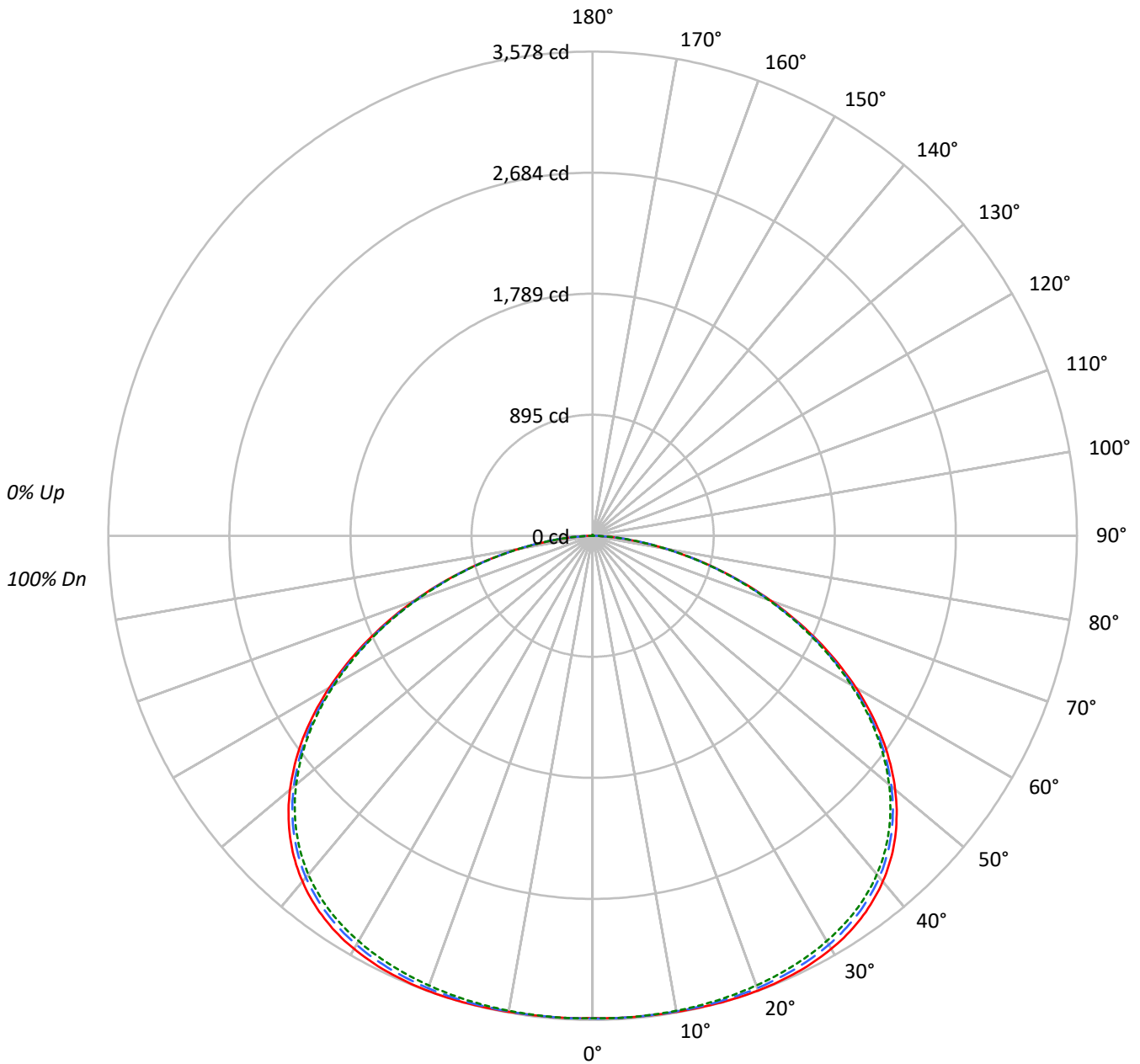
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12910.0 lumens
Efficiency: N/A
Efficacy: 99.8 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): 129.4
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°	2545	2545	2545
5°	2548	2544	2547
10°	2570	2560	2564
15°	2613	2594	2597
20°	2675	2644	2646
25°	2751	2707	2708
30°	2836	2779	2782
35°	2922	2854	2863
40°	3000	2922	2939
45°	3058	2970	2995
50°	3084	2986	3021
55°	3064	2955	3003
60°	2986	2867	2932
65°	2842	2715	2797
70°	2617	2481	2577
75°	2284	2147	2260
80°	1814	1683	1800
85°	1127	1016	1152



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	340.7	2.6
10°-20°	1010.5	7.8
20°-30°	1633.6	12.7
30°-40°	2139.7	16.6
40°-50°	2406.7	18.6
50°-60°	2303.0	17.8
60°-70°	1796.1	13.9
70°-80°	1012.2	7.8
80°-90°	250.5	1.9
90°-100°	0.9	0.0
100°-110°	1.4	0.0
110°-120°	2.6	0.0
120°-130°	4.1	0.0
130°-140°	3.2	0.0
140°-150°	2.0	0.0
150°-160°	1.5	0.0
160°-170°	0.9	0.0
170°-180°	0.4	0.0
0°-30°	2984.8	23.1
0°-40°	5124.4	39.7
0°-60°	9834.1	76.2
0°-90°	12892.9	99.9
90°-120°	5.0	0.0
90°-150°	14.3	0.1
90°-180°	17.0	0.1
0°-180°	12910.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3565	3565	3565	3565	3565	
5°	3569	3570	3569	3569	3568	341
15°	3577	3576	3567	3559	3555	1014
25°	3562	3556	3534	3514	3506	1646
35°	3454	3443	3414	3393	3384	2162
45°	3159	3145	3120	3105	3094	2434
55°	2612	2598	2580	2569	2561	2328
65°	1838	1830	1817	1811	1808	1814
75°	961	961	955	953	950	1018
85°	205	208	210	212	210	238
90°	2	2	2	2	2	10
95°	1	1	1	1	1	1
105°	2	1	1	2	2	2
115°	3	3	2	3	2	3
125°	5	5	5	5	5	4
135°	4	4	4	4	4	3
145°	3	3	3	3	3	2
155°	3	3	3	3	4	2
165°	3	3	3	3	4	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°	3565.4	3565.4	3565.4	3565.4	3565.4
0.5°	3564.5	3567.1	3568.0	3567.1	3565.4
1°	3565.4	3567.1	3568.0	3568.0	3566.2
1.5°	3566.2	3568.0	3568.0	3568.0	3567.1
2°	3566.2	3568.0	3568.0	3568.8	3567.1
2.5°	3567.1	3568.8	3568.8	3568.8	3567.1
3°	3568.0	3568.8	3568.8	3568.8	3568.0
3.5°	3568.0	3568.8	3568.8	3568.8	3568.0
4°	3568.8	3568.8	3568.8	3568.8	3568.0
4.5°	3568.8	3569.7	3568.8	3568.8	3568.0
5°	3568.8	3569.7	3568.8	3568.8	3568.0
5.5°	3568.8	3569.7	3568.8	3568.8	3568.0
6°	3569.7	3569.7	3568.8	3568.8	3567.1
6.5°	3569.7	3570.6	3569.7	3568.8	3567.1
7°	3569.7	3570.6	3568.8	3568.8	3567.1
7.5°	3569.7	3570.6	3568.8	3568.0	3566.2
8°	3570.6	3570.6	3569.7	3568.0	3566.2
8.5°	3570.6	3571.5	3568.8	3568.0	3565.4
9°	3571.5	3571.5	3569.7	3567.1	3565.4
9.5°	3571.5	3572.3	3568.8	3567.1	3564.5
10°	3572.3	3572.3	3568.8	3566.2	3563.6
10.5°	3573.2	3573.2	3568.8	3566.2	3563.6
11°	3573.2	3573.2	3568.8	3565.4	3562.8
11.5°	3574.1	3574.1	3568.8	3564.5	3561.9
12°	3574.1	3574.1	3568.8	3564.5	3561.0
12.5°	3574.9	3574.1	3568.0	3563.6	3560.1
13°	3574.9	3574.1	3568.0	3562.8	3559.3
13.5°	3575.8	3574.9	3568.0	3561.9	3558.4
14°	3575.8	3574.9	3568.0	3561.0	3556.7
14.5°	3576.7	3574.9	3567.1	3560.1	3555.8
15°	3576.7	3575.8	3567.1	3559.3	3554.9
15.5°	3577.5	3575.8	3566.2	3557.5	3553.2
16°	3576.7	3575.8	3565.4	3556.7	3551.5
16.5°	3577.5	3575.8	3565.4	3554.9	3549.7
17°	3577.5	3574.9	3564.5	3553.2	3548.8
17.5°	3577.5	3574.9	3562.8	3552.3	3547.1
18°	3577.5	3574.9	3561.9	3550.6	3544.5
18.5°	3577.5	3574.1	3561.0	3548.8	3542.8
19°	3576.7	3574.1	3560.1	3547.1	3541.0
19.5°	3576.7	3573.2	3558.4	3544.5	3538.4
20°	3575.8	3572.3	3556.7	3542.8	3536.7
20.5°	3574.9	3571.5	3555.8	3541.0	3534.1
21°	3574.9	3570.6	3554.1	3538.4	3531.5



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	3571.5	3566.2	3548.0	3530.6	3522.8
23°	3569.7	3564.5	3545.4	3528.0	3520.1
23.5°	3568.0	3562.8	3542.8	3524.5	3516.7
24°	3566.2	3561.0	3540.1	3521.0	3513.2
24.5°	3564.5	3558.4	3537.5	3517.5	3509.7
25°	3561.9	3555.8	3534.1	3514.1	3506.2
25.5°	3559.3	3553.2	3530.6	3510.6	3501.9
26°	3556.7	3550.6	3527.1	3507.1	3498.4
26.5°	3554.1	3547.1	3523.6	3502.8	3494.1
27°	3550.6	3543.6	3519.3	3498.4	3489.7
27.5°	3547.1	3540.1	3514.9	3494.1	3485.4
28°	3543.6	3535.8	3510.6	3489.7	3481.0
28.5°	3539.3	3531.5	3506.2	3484.5	3475.8
29°	3534.9	3527.1	3501.0	3479.3	3470.6
29.5°	3530.6	3521.9	3495.8	3474.1	3464.5
30°	3525.4	3516.7	3489.7	3468.0	3458.4
30.5°	3520.1	3511.5	3483.6	3461.9	3453.2
31°	3514.1	3505.4	3477.5	3455.8	3446.2
31.5°	3508.8	3499.3	3470.6	3449.7	3440.1
32°	3501.9	3492.3	3464.5	3442.8	3433.2
32.5°	3494.9	3485.4	3456.7	3434.9	3425.4
33°	3488.0	3477.5	3448.8	3428.0	3417.5
33.5°	3480.1	3469.7	3441.0	3420.1	3409.7
34°	3471.5	3461.0	3432.3	3411.4	3401.9
34.5°	3462.8	3452.3	3423.6	3402.8	3393.2
35°	3454.1	3442.8	3414.1	3393.2	3383.6
35.5°	3444.5	3433.2	3404.5	3383.6	3374.1
36°	3434.9	3422.8	3394.1	3374.1	3363.6
36.5°	3423.6	3412.3	3383.6	3363.6	3354.1
37°	3412.3	3401.0	3372.3	3352.3	3342.7
37.5°	3401.0	3388.8	3361.0	3341.0	3330.6
38°	3388.8	3377.5	3348.8	3329.7	3319.3
38.5°	3376.7	3364.5	3335.8	3316.7	3307.1
39°	3363.6	3350.6	3322.7	3304.5	3294.1
39.5°	3349.7	3336.7	3309.7	3290.6	3281.0
40°	3334.9	3322.7	3294.9	3276.7	3267.1
40.5°	3321.0	3308.0	3280.1	3262.7	3252.3
41°	3305.4	3292.3	3265.4	3247.1	3236.7
41.5°	3288.8	3275.8	3248.8	3231.4	3221.0
42°	3272.3	3259.3	3232.3	3215.8	3204.5
42.5°	3254.9	3241.9	3214.9	3198.4	3188.0
43°	3237.5	3223.6	3197.5	3181.0	3170.6
43.5°	3219.3	3205.4	3179.3	3162.7	3152.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	3159.3	3145.3	3120.1	3105.3	3094.0
45.5°	3138.4	3123.6	3099.3	3084.5	3074.0
46°	3116.7	3101.9	3077.5	3062.7	3052.3
46.5°	3094.0	3079.3	3055.8	3041.0	3030.6
47°	3070.6	3056.7	3032.3	3019.3	3008.0
47.5°	3047.1	3032.3	3008.8	2995.8	2984.5
48°	3023.6	3008.0	2985.3	2971.4	2960.1
48.5°	2998.4	2983.6	2961.0	2947.9	2937.5
49°	2971.4	2957.5	2934.9	2921.0	2911.4
49.5°	2945.3	2931.4	2908.8	2895.8	2885.3
50°	2918.4	2903.6	2882.7	2869.7	2859.3
50.5°	2890.6	2875.8	2854.9	2841.9	2832.3
51°	2862.7	2847.9	2827.1	2814.0	2803.6
51.5°	2833.2	2818.4	2797.5	2785.3	2775.8
52°	2803.6	2788.8	2767.9	2756.6	2747.1
52.5°	2774.0	2759.2	2738.4	2726.2	2717.5
53°	2741.9	2727.9	2708.8	2697.5	2687.9
53.5°	2709.7	2695.8	2676.6	2665.3	2656.6
54°	2677.5	2663.6	2644.5	2633.2	2625.3
54.5°	2646.2	2631.4	2613.2	2601.8	2594.0
55°	2612.3	2598.4	2580.1	2568.8	2561.0
55.5°	2578.4	2564.5	2546.2	2534.9	2527.9
56°	2542.7	2529.7	2511.4	2501.8	2494.9
56.5°	2507.1	2494.9	2476.6	2467.1	2460.1
57°	2472.3	2459.2	2441.8	2433.1	2426.2
57.5°	2437.5	2423.6	2406.2	2397.5	2390.5
58°	2399.2	2386.2	2369.7	2361.0	2354.9
58.5°	2361.8	2349.7	2332.3	2324.4	2318.4
59°	2324.4	2312.3	2295.7	2287.9	2281.8
59.5°	2285.3	2274.0	2257.5	2249.7	2243.6
60°	2247.1	2234.9	2219.2	2212.3	2206.2
60.5°	2207.9	2197.5	2181.0	2174.0	2167.9
61°	2167.9	2157.5	2141.8	2134.9	2128.8
61.5°	2127.0	2118.3	2102.7	2095.7	2090.5
62°	2087.0	2078.3	2062.7	2056.6	2051.4
62.5°	2046.2	2037.5	2021.8	2015.7	2010.5
63°	2005.3	1996.6	1981.8	1975.7	1970.5
63.5°	1963.6	1954.9	1941.0	1934.9	1929.6
64°	1921.8	1913.1	1898.3	1894.0	1887.9
64.5°	1880.1	1871.4	1856.6	1852.3	1847.0
65°	1837.5	1830.5	1816.6	1811.4	1807.9
65.5°	1795.7	1787.0	1774.0	1769.6	1764.4
66°	1751.4	1744.4	1731.4	1727.0	1723.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1622.7	1614.9	1603.5	1599.2	1594.8
68°	1578.3	1571.4	1560.1	1556.6	1552.2
68.5°	1534.0	1527.0	1515.7	1513.1	1510.5
69°	1489.6	1482.7	1473.1	1470.5	1467.0
69.5°	1446.1	1439.2	1430.5	1427.9	1423.5
70°	1401.8	1395.7	1387.0	1384.4	1380.1
70.5°	1357.4	1351.4	1343.5	1340.9	1336.6
71°	1313.1	1307.9	1300.9	1297.4	1293.1
71.5°	1269.6	1264.4	1256.6	1254.0	1250.5
72°	1225.3	1220.9	1213.1	1211.4	1207.0
72.5°	1180.9	1177.4	1169.6	1167.9	1164.4
73°	1136.6	1133.1	1125.3	1123.5	1120.9
73.5°	1093.1	1089.6	1082.7	1080.0	1077.4
74°	1049.6	1047.0	1040.0	1038.3	1034.8
74.5°	1005.3	1003.5	997.4	994.8	992.2
75°	960.9	960.9	954.8	953.1	950.5
75.5°	918.3	918.3	912.2	910.5	907.9
76°	875.7	875.7	869.6	867.9	864.5
76.5°	832.6	833.0	827.9	826.0	823.2
77°	791.4	791.8	787.2	784.8	781.9
77.5°	747.3	749.4	745.6	743.5	740.6
78°	706.2	708.8	704.9	703.2	700.8
78.5°	667.4	669.1	666.5	664.5	661.2
79°	626.8	628.1	626.5	624.7	621.4
79.5°	586.8	589.0	587.9	586.3	582.5
80°	548.5	550.0	550.3	547.9	544.4
80.5°	508.1	511.3	511.8	509.5	507.7
81°	470.8	473.8	474.7	473.3	470.9
81.5°	434.1	437.7	438.5	437.7	434.5
82°	397.3	401.7	403.0	402.4	398.9
82.5°	362.2	367.1	368.5	367.9	364.7
83°	328.1	333.4	334.7	335.1	332.2
83.5°	295.1	300.2	301.8	302.4	299.1
84°	263.5	268.0	270.1	271.0	268.3
84.5°	233.4	237.1	239.6	240.7	239.4
85°	205.1	207.7	210.0	211.6	209.7
85.5°	177.6	179.7	181.4	183.8	182.4
86°	152.0	154.1	155.3	157.2	157.2
86.5°	127.7	128.6	129.6	131.8	131.8
87°	104.4	104.4	104.8	107.7	107.7
87.5°	80.5	81.2	81.6	84.1	85.0
88°	56.8	58.8	59.3	61.7	61.5
88.5°	40.2	40.2	40.1	42.4	43.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	1.9	1.8	1.9	2.0	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	0.9
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	1.0
97.5°	1.0	0.9	0.9	0.8	1.0
98°	1.1	1.0	1.0	1.0	1.1
98.5°	1.1	1.0	0.9	0.9	1.0
99°	1.0	1.0	1.0	0.9	1.0
99.5°	1.1	0.9	1.0	1.0	1.0
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°	1.4	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°	1.5	1.3	1.3	1.2	1.1
104.5°	1.3	1.4	1.4	1.4	1.2
105°	1.6	1.4	1.3	1.5	1.5
105.5°	1.5	1.2	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°	1.7	1.7	1.7	1.7	1.7
109.5°	1.8	1.6	1.8	1.7	1.6
110°	1.7	1.7	1.7	1.8	1.7
110.5°	1.8	1.7	1.8	1.8	1.9
111°	1.8	1.9	1.9	1.9	1.8



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L930-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	2.1	2.2	2.3	2.2	2.0
113°	2.3	2.1	2.1	2.2	2.2
113.5°	2.3	2.3	2.3	2.4	2.4
114°	2.4	2.4	2.5	2.5	2.4
114.5°	2.6	2.6	2.5	2.5	2.3
115°	2.6	2.6	2.5	2.6	2.5
115.5°	2.9	2.6	2.8	2.7	2.5
116°	2.8	2.9	2.9	2.8	2.7
116.5°	3.0	3.0	3.0	3.0	2.9
117°	3.1	3.1	3.1	3.1	2.8
117.5°	3.3	3.1	3.2	3.1	3.0
118°	3.3	3.2	3.4	3.2	3.0
118.5°	3.6	3.4	3.4	3.3	3.2
119°	3.6	3.6	3.7	3.4	3.4
119.5°	3.7	3.7	3.7	3.6	3.5
120°	3.8	3.8	3.7	3.7	3.7
120.5°	3.9	3.7	3.9	3.8	3.7
121°	3.9	3.9	3.9	3.9	3.7
121.5°	4.3	4.2	4.1	3.9	3.9
122°	4.1	4.3	4.2	4.1	4.2
122.5°	4.4	4.3	4.3	4.3	4.1
123°	4.5	4.5	4.3	4.3	4.3
123.5°	4.5	4.7	4.4	4.3	4.4
124°	4.6	4.7	4.6	4.4	4.4
124.5°	4.9	4.7	4.6	4.5	4.5
125°	5.0	4.9	4.8	4.7	4.7
125.5°	5.0	5.0	4.8	4.7	4.8
126°	5.0	4.9	4.8	4.8	4.7
126.5°	4.9	5.0	5.0	4.8	4.9
127°	5.0	5.0	4.9	4.8	4.7
127.5°	5.2	5.1	5.0	4.8	4.7
128°	5.2	5.0	5.0	4.8	4.9
128.5°	5.0	5.0	4.9	4.7	4.9
129°	5.0	5.0	4.9	4.8	4.7
129.5°	4.9	5.0	4.9	4.8	4.8
130°	4.9	5.0	4.8	4.6	4.7
130.5°	5.0	4.9	4.9	4.4	4.7
131°	4.8	4.8	4.8	4.5	4.6
131.5°	4.9	4.7	4.5	4.4	4.5
132°	4.8	4.6	4.6	4.4	4.4
132.5°	4.8	4.6	4.5	4.4	4.5
133°	4.6	4.4	4.4	4.2	4.3
133.5°	4.7	4.4	4.3	4.1	4.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L930-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	4.5	4.3	4.1	4.0	4.3
135.5°	4.3	4.3	4.1	3.9	4.2
136°	4.2	4.1	3.9	3.7	4.2
136.5°	4.3	4.1	3.9	3.7	4.1
137°	4.2	4.0	3.9	3.7	4.0
137.5°	4.1	3.9	3.8	3.6	3.8
138°	4.0	3.8	3.7	3.6	3.8
138.5°	4.1	3.8	3.7	3.5	3.7
139°	3.6	3.7	3.7	3.3	3.8
139.5°	3.8	3.6	3.5	3.4	3.7
140°	3.7	3.5	3.6	3.3	3.5
140.5°	3.7	3.5	3.5	3.3	3.5
141°	3.6	3.5	3.4	3.1	3.3
141.5°	3.3	3.5	3.5	3.1	3.3
142°	3.2	3.2	3.4	3.2	3.0
142.5°	3.2	3.4	3.3	3.1	3.0
143°	3.4	3.3	3.3	3.2	3.0
143.5°	3.4	3.3	3.3	3.0	3.0
144°	3.4	3.1	3.4	3.0	3.1
144.5°	3.2	3.1	3.2	3.0	3.1
145°	3.3	3.1	3.2	2.9	3.1
145.5°	3.2	3.0	3.1	2.9	3.3
146°	3.2	3.0	3.0	2.9	3.1
146.5°	3.3	3.0	3.0	2.9	3.1
147°	3.2	3.0	2.9	3.0	3.0
147.5°	3.1	3.0	2.9	3.0	3.2
148°	3.2	3.0	3.0	2.9	3.2
148.5°	3.3	3.1	3.0	2.9	3.2
149°	3.2	3.0	3.0	2.9	3.2
149.5°	3.4	3.0	3.0	2.9	3.3
150°	3.3	3.1	3.0	2.9	3.2
150.5°	3.2	3.0	3.0	3.0	3.2
151°	3.4	3.0	2.9	3.0	3.4
151.5°	3.3	3.1	2.9	3.0	3.4
152°	3.4	3.1	3.0	3.1	3.2
152.5°	3.4	3.2	3.0	3.0	3.4
153°	3.3	3.1	3.0	3.2	3.5
153.5°	3.6	3.2	3.0	3.1	3.4
154°	3.4	3.2	3.1	3.1	3.4
154.5°	3.4	3.1	3.1	3.3	3.5
155°	3.2	3.2	3.2	3.3	3.6
155.5°	3.4	3.1	3.1	3.2	3.5
156°	3.2	3.2	3.2	3.2	3.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L930-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	3.2	3.0	3.1	3.3	3.4
158°	3.5	3.2	3.1	3.2	3.5
158.5°	3.3	3.2	3.0	3.2	3.4
159°	3.4	3.2	3.1	3.2	3.6
159.5°	3.3	3.1	3.1	3.2	3.7
160°	3.3	3.2	3.0	3.2	3.5
160.5°	3.2	3.1	3.1	3.3	3.5
161°	3.2	3.1	3.1	3.3	3.5
161.5°	3.3	3.2	3.1	3.1	3.3
162°	3.2	3.1	3.2	3.3	3.3
162.5°	3.4	3.3	3.2	3.2	3.4
163°	3.4	3.2	3.3	3.3	3.3
163.5°	3.3	3.2	3.3	3.3	3.6
164°	3.2	3.3	3.2	3.5	3.5
164.5°	3.1	3.4	3.3	3.5	3.6
165°	3.2	3.2	3.1	3.4	3.5
165.5°	3.0	3.2	3.1	3.7	3.5
166°	3.3	3.3	3.2	3.5	3.4
166.5°	3.3	3.2	3.1	3.6	3.2
167°	3.2	3.5	3.2	3.7	3.6
167.5°	3.3	3.5	3.3	3.7	3.6
168°	3.4	3.4	3.2	3.7	3.5
168.5°	3.3	3.6	3.4	3.9	3.6
169°	3.6	3.5	3.2	3.9	3.6
169.5°	3.5	3.5	3.3	3.8	3.7
170°	3.6	3.5	3.4	3.9	3.6
170.5°	3.6	3.7	3.4	3.9	3.7
171°	3.6	3.6	3.6	3.9	3.8
171.5°	3.5	3.6	3.6	4.0	3.7
172°	3.5	3.6	3.7	4.0	3.7
172.5°	3.7	3.7	3.7	4.0	3.7
173°	3.5	3.5	3.7	4.0	3.8
173.5°	3.7	3.7	3.8	3.9	3.9
174°	3.8	3.8	4.1	4.0	3.8
174.5°	3.8	4.0	4.0	4.2	4.0
175°	4.1	4.0	4.1	4.2	3.9
175.5°	4.1	4.0	4.3	4.1	4.1
176°	4.3	4.2	4.1	4.0	4.0
176.5°	4.3	4.1	4.2	3.8	4.0
177°	4.2	4.1	3.9	3.8	4.0
177.5°	4.3	4.1	3.8	3.7	4.1
178°	4.0	3.9	3.7	3.7	3.8
178.5°	3.9	3.8	3.7	3.7	3.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L930-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	3.4	3.4	3.4	3.4	3.4



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	3574.1	3569.7	3552.3	3535.8	3528.8
22°	3572.3	3568.0	3549.7	3533.2	3526.2



44°	3199.3	3186.2	3160.1	3144.5	3134.0
44.5°	3179.3	3165.4	3141.0	3124.5	3114.0



66.5°	1708.8	1701.8	1688.8	1684.4	1680.1
67°	1666.2	1658.3	1646.2	1641.8	1638.3



89°	25.4	25.0	24.7	26.0	26.3
89.5°	11.2	11.4	11.1	11.9	11.7



111.5°	2.2	1.9	2.0	2.0	1.9
112°	2.2	2.0	2.0	2.0	2.2



134°	4.4	4.3	4.3	4.2	4.4
134.5°	4.5	4.3	4.3	4.0	4.2



156.5°	3.4	3.1	3.2	3.3	3.4
157°	3.3	3.1	3.2	3.2	3.4



179°	3.7	3.7	3.5	3.6	3.7
179.5°	3.3	3.5	3.4	3.3	3.6



(END OF REPORT)