

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-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-160-L930-CFR2
Description: 16000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS
AND 3000K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

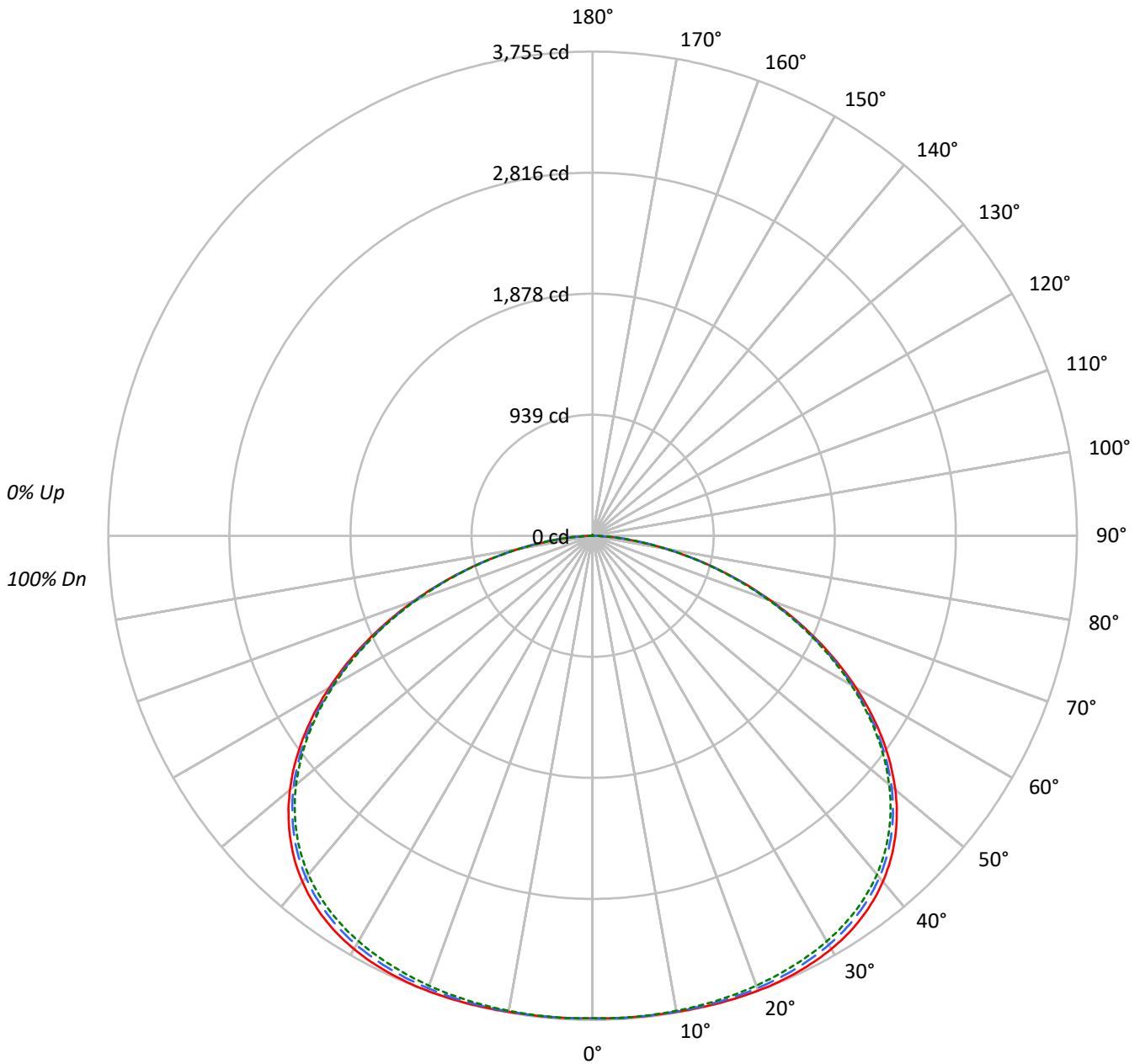
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13552.0 lumens
Efficiency: N/A
Efficacy: 104.7 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): 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									
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°	2672	2672	2672
5°	2685	2685	2684
10°	2718	2716	2712
15°	2775	2767	2758
20°	2852	2836	2820
25°	2945	2922	2899
30°	3051	3020	2993
35°	3160	3123	3096
40°	3262	3223	3196
45°	3348	3307	3279
50°	3402	3361	3333
55°	3413	3371	3346
60°	3368	3326	3307
65°	3258	3221	3206
70°	3071	3039	3024
75°	2782	2765	2752
80°	2367	2375	2349
85°	1763	1806	1804



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	357.6	2.6
10°-20°	1060.8	7.8
20°-30°	1714.8	12.7
30°-40°	2246.1	16.6
40°-50°	2526.4	18.6
50°-60°	2417.5	17.8
60°-70°	1885.5	13.9
70°-80°	1062.6	7.8
80°-90°	262.9	1.9
90°-100°	0.9	0.0
100°-110°	1.5	0.0
110°-120°	2.8	0.0
120°-130°	4.3	0.0
130°-140°	3.4	0.0
140°-150°	2.1	0.0
150°-160°	1.6	0.0
160°-170°	1.0	0.0
170°-180°	0.4	0.0
0°-30°	3133.2	23.1
0°-40°	5379.3	39.7
0°-60°	10323.1	76.2
0°-90°	13534.1	99.9
90°-120°	5.2	0.0
90°-150°	15.0	0.1
90°-180°	18.0	0.1
0°-180°	13552.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3743	3743	3743	3743	3743	
5°	3746	3747	3746	3746	3745	358
15°	3754	3754	3744	3736	3732	1064
25°	3739	3733	3710	3689	3681	1728
35°	3626	3614	3584	3562	3552	2270
45°	3316	3302	3275	3260	3248	2555
55°	2742	2728	2708	2696	2688	2444
65°	1929	1922	1907	1902	1898	1904
75°	1009	1009	1002	1000	998	1069
85°	215	218	220	222	220	250
90°	2	2	2	2	2	10
95°	1	1	1	1	1	1
105°	2	2	1	2	2	2
115°	3	3	3	3	3	3
125°	5	5	5	5	5	4
135°	5	4	4	4	5	4
145°	4	3	3	3	3	2
155°	3	3	3	4	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°	3742.7	3742.7	3742.7	3742.7	3742.7
0.5°	3741.8	3744.5	3745.4	3744.5	3742.7
1°	3742.7	3744.5	3745.4	3745.4	3743.6
1.5°	3743.6	3745.4	3745.4	3745.4	3744.5
2°	3743.6	3745.4	3745.4	3746.3	3744.5
2.5°	3744.5	3746.3	3746.3	3746.3	3744.5
3°	3745.4	3746.3	3746.3	3746.3	3745.4
3.5°	3745.4	3746.3	3746.3	3746.3	3745.4
4°	3746.3	3746.3	3746.3	3746.3	3745.4
4.5°	3746.3	3747.2	3746.3	3746.3	3745.4
5°	3746.3	3747.2	3746.3	3746.3	3745.4
5.5°	3746.3	3747.2	3746.3	3746.3	3745.4
6°	3747.2	3747.2	3746.3	3746.3	3744.5
6.5°	3747.2	3748.1	3747.2	3746.3	3744.5
7°	3747.2	3748.1	3746.3	3746.3	3744.5
7.5°	3747.2	3748.1	3746.3	3745.4	3743.6
8°	3748.1	3748.1	3747.2	3745.4	3743.6
8.5°	3748.1	3749.1	3746.3	3745.4	3742.7
9°	3749.1	3749.1	3747.2	3744.5	3742.7
9.5°	3749.1	3750.0	3746.3	3744.5	3741.8
10°	3750.0	3750.0	3746.3	3743.6	3740.8
10.5°	3750.9	3750.9	3746.3	3743.6	3740.8
11°	3750.9	3750.9	3746.3	3742.7	3739.9
11.5°	3751.8	3751.8	3746.3	3741.8	3739.0
12°	3751.8	3751.8	3746.3	3741.8	3738.1
12.5°	3752.7	3751.8	3745.4	3740.8	3737.2
13°	3752.7	3751.8	3745.4	3739.9	3736.3
13.5°	3753.6	3752.7	3745.4	3739.0	3735.4
14°	3753.6	3752.7	3745.4	3738.1	3733.5
14.5°	3754.5	3752.7	3744.5	3737.2	3732.6
15°	3754.5	3753.6	3744.5	3736.3	3731.7
15.5°	3755.4	3753.6	3743.6	3734.5	3729.9
16°	3754.5	3753.6	3742.7	3733.5	3728.1
16.5°	3755.4	3753.6	3742.7	3731.7	3726.2
17°	3755.4	3752.7	3741.8	3729.9	3725.3
17.5°	3755.4	3752.7	3739.9	3729.0	3723.5
18°	3755.4	3752.7	3739.0	3727.2	3720.8
18.5°	3755.4	3751.8	3738.1	3725.3	3718.9
19°	3754.5	3751.8	3737.2	3723.5	3717.1
19.5°	3754.5	3750.9	3735.4	3720.8	3714.4
20°	3753.6	3750.0	3733.5	3718.9	3712.5
20.5°	3752.7	3749.1	3732.6	3717.1	3709.8
21°	3752.7	3748.1	3730.8	3714.4	3707.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	3749.1	3743.6	3724.4	3706.2	3697.9
23°	3747.2	3741.8	3721.7	3703.4	3695.2
23.5°	3745.4	3739.9	3718.9	3699.8	3691.5
24°	3743.6	3738.1	3716.2	3696.1	3687.9
24.5°	3741.8	3735.4	3713.5	3692.5	3684.2
25°	3739.0	3732.6	3709.8	3688.8	3680.6
25.5°	3736.3	3729.9	3706.2	3685.2	3676.0
26°	3733.5	3727.2	3702.5	3681.5	3672.4
26.5°	3730.8	3723.5	3698.9	3676.9	3667.8
27°	3727.2	3719.8	3694.3	3672.4	3663.3
27.5°	3723.5	3716.2	3689.7	3667.8	3658.7
28°	3719.8	3711.6	3685.2	3663.3	3654.1
28.5°	3715.3	3707.1	3680.6	3657.8	3648.6
29°	3710.7	3702.5	3675.1	3652.3	3643.2
29.5°	3706.2	3697.0	3669.6	3646.8	3636.8
30°	3700.7	3691.5	3663.3	3640.4	3630.4
30.5°	3695.2	3686.1	3656.9	3634.0	3624.9
31°	3688.8	3679.7	3650.5	3627.7	3617.6
31.5°	3683.3	3673.3	3643.2	3621.3	3611.2
32°	3676.0	3666.0	3636.8	3614.0	3603.9
32.5°	3668.7	3658.7	3628.6	3605.7	3595.7
33°	3661.4	3650.5	3620.3	3598.4	3587.5
33.5°	3653.2	3642.3	3612.1	3590.2	3579.3
34°	3644.1	3633.1	3603.0	3581.1	3571.1
34.5°	3635.0	3624.0	3593.9	3572.0	3561.9
35°	3625.8	3614.0	3583.8	3561.9	3551.9
35.5°	3615.8	3603.9	3573.8	3551.9	3541.8
36°	3605.7	3593.0	3562.8	3541.8	3530.9
36.5°	3593.9	3582.0	3551.9	3530.9	3520.8
37°	3582.0	3570.1	3540.0	3519.0	3509.0
37.5°	3570.1	3557.4	3528.1	3507.2	3496.2
38°	3557.4	3545.5	3515.4	3495.3	3484.3
38.5°	3544.6	3531.8	3501.7	3481.6	3471.6
39°	3530.9	3517.2	3488.0	3468.8	3457.9
39.5°	3516.3	3502.6	3474.3	3454.2	3444.2
40°	3500.8	3488.0	3458.8	3439.6	3429.6
40.5°	3486.2	3472.5	3443.3	3425.0	3414.0
41°	3469.7	3456.0	3427.7	3408.6	3397.6
41.5°	3452.4	3438.7	3410.4	3392.1	3381.2
42°	3435.0	3421.3	3393.0	3375.7	3363.8
42.5°	3416.8	3403.1	3374.8	3357.4	3346.5
43°	3398.5	3383.9	3356.5	3339.2	3328.2
43.5°	3379.4	3364.8	3337.4	3320.0	3309.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	3316.4	3301.8	3275.3	3259.8	3247.9
45.5°	3294.5	3278.9	3253.4	3237.9	3226.9
46°	3271.6	3256.1	3230.6	3215.0	3204.1
46.5°	3247.9	3232.4	3207.7	3192.2	3181.3
47°	3223.3	3208.7	3183.1	3169.4	3157.5
47.5°	3198.6	3183.1	3158.4	3144.8	3132.9
48°	3174.0	3157.5	3133.8	3119.2	3107.3
48.5°	3147.5	3132.0	3108.2	3094.5	3083.6
49°	3119.2	3104.6	3080.9	3066.2	3056.2
49.5°	3091.8	3077.2	3053.5	3039.8	3028.8
50°	3063.5	3048.0	3026.1	3012.4	3001.4
50.5°	3034.3	3018.8	2996.9	2983.2	2973.1
51°	3005.1	2989.6	2967.7	2954.0	2943.0
51.5°	2974.1	2958.5	2936.6	2923.8	2913.8
52°	2943.0	2927.5	2905.6	2893.7	2883.7
52.5°	2912.0	2896.5	2874.6	2861.8	2852.6
53°	2878.2	2863.6	2843.5	2831.6	2821.6
53.5°	2844.4	2829.8	2809.7	2797.9	2788.7
54°	2810.7	2796.0	2776.0	2764.1	2755.9
54.5°	2777.8	2762.3	2743.1	2731.2	2723.0
55°	2742.2	2727.6	2708.4	2696.5	2688.3
55.5°	2706.6	2692.0	2672.8	2660.9	2653.6
56°	2669.2	2655.5	2636.3	2626.3	2619.0
56.5°	2631.7	2619.0	2599.8	2589.7	2582.4
57°	2595.2	2581.5	2563.3	2554.1	2546.8
57.5°	2558.7	2544.1	2525.8	2516.7	2509.4
58°	2518.5	2504.8	2487.5	2478.4	2472.0
58.5°	2479.3	2466.5	2448.3	2440.0	2433.6
59°	2440.0	2427.3	2409.9	2401.7	2395.3
59.5°	2399.0	2387.1	2369.7	2361.5	2355.1
60°	2358.8	2346.0	2329.6	2322.3	2315.9
60.5°	2317.7	2306.8	2289.4	2282.1	2275.7
61°	2275.7	2264.8	2248.3	2241.0	2234.6
61.5°	2232.8	2223.7	2207.3	2200.0	2194.5
62°	2190.8	2181.7	2165.3	2158.9	2153.4
62.5°	2147.9	2138.8	2122.4	2116.0	2110.5
63°	2105.0	2095.9	2080.4	2074.0	2068.5
63.5°	2061.2	2052.1	2037.5	2031.1	2025.6
64°	2017.4	2008.3	1992.7	1988.2	1981.8
64.5°	1973.6	1964.4	1948.9	1944.4	1938.9
65°	1928.8	1921.5	1906.9	1901.5	1897.8
65.5°	1885.0	1875.9	1862.2	1857.6	1852.2
66°	1838.5	1831.2	1817.5	1812.9	1809.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1703.4	1695.2	1683.3	1678.7	1674.2
68°	1656.8	1649.5	1637.6	1634.0	1629.4
68.5°	1610.3	1603.0	1591.1	1588.4	1585.6
69°	1563.7	1556.4	1546.4	1543.6	1540.0
69.5°	1518.1	1510.8	1501.6	1498.9	1494.3
70°	1471.5	1465.1	1456.0	1453.3	1448.7
70.5°	1425.0	1418.6	1410.3	1407.6	1403.0
71°	1378.4	1372.9	1365.6	1362.0	1357.4
71.5°	1332.8	1327.3	1319.1	1316.3	1312.7
72°	1286.2	1281.6	1273.4	1271.6	1267.0
72.5°	1239.6	1236.0	1227.8	1226.0	1222.3
73°	1193.1	1189.4	1181.2	1179.4	1176.7
73.5°	1147.4	1143.8	1136.5	1133.8	1131.0
74°	1101.8	1099.1	1091.8	1089.9	1086.3
74.5°	1055.3	1053.4	1047.0	1044.3	1041.6
75°	1008.7	1008.7	1002.3	1000.5	997.7
75.5°	964.0	964.0	957.6	955.7	953.0
76°	919.2	919.2	912.8	911.1	907.5
76.5°	874.1	874.4	869.0	867.1	864.1
77°	830.8	831.1	826.3	823.8	820.8
77.5°	784.5	786.7	782.7	780.5	777.5
78°	741.3	744.1	740.0	738.2	735.7
78.5°	700.6	702.3	699.7	697.6	694.0
79°	658.0	659.3	657.6	655.8	652.3
79.5°	616.0	618.3	617.1	615.4	611.4
80°	575.7	577.4	577.6	575.2	571.4
80.5°	533.4	536.8	537.3	534.8	532.9
81°	494.2	497.4	498.3	496.9	494.3
81.5°	455.7	459.4	460.3	459.4	456.1
82°	417.1	421.6	423.0	422.4	418.7
82.5°	380.2	385.3	386.8	386.2	382.8
83°	344.4	350.0	351.4	351.8	348.7
83.5°	309.8	315.1	316.8	317.4	314.0
84°	276.6	281.3	283.5	284.4	281.6
84.5°	245.0	248.8	251.5	252.7	251.3
85°	215.2	218.0	220.5	222.1	220.2
85.5°	186.4	188.6	190.4	193.0	191.4
86°	159.6	161.8	163.0	165.0	165.0
86.5°	134.0	135.0	136.0	138.4	138.4
87°	109.5	109.6	110.0	113.0	113.1
87.5°	84.5	85.3	85.6	88.3	89.2
88°	59.6	61.7	62.3	64.7	64.5
88.5°	42.2	42.2	42.1	44.5	45.1



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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	0.5
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°	1.4	1.1	1.2	1.2	1.3
102°	1.5	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°	1.4	1.4	1.3	1.3	1.2
104°	1.6	1.4	1.4	1.3	1.2
104.5°	1.4	1.5	1.5	1.5	1.3
105°	1.6	1.5	1.4	1.6	1.6
105.5°	1.6	1.3	1.5	1.4	1.4
106°	1.5	1.5	1.6	1.6	1.6
106.5°	1.6	1.5	1.6	1.5	1.4
107°	1.6	1.6	1.6	1.6	1.5
107.5°	1.7	1.6	1.6	1.7	1.6
108°	1.7	1.6	1.5	1.7	1.6
108.5°	1.7	1.7	1.7	1.6	1.6
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-160-L930-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	2.2	2.3	2.4	2.3	2.1
113°	2.5	2.2	2.2	2.3	2.3
113.5°	2.5	2.5	2.5	2.6	2.6
114°	2.6	2.6	2.6	2.6	2.6
114.5°	2.7	2.7	2.6	2.6	2.5
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°	3.1	3.1	3.1	3.1	3.0
117°	3.3	3.3	3.3	3.3	2.9
117.5°	3.5	3.3	3.4	3.3	3.1
118°	3.5	3.4	3.6	3.4	3.2
118.5°	3.7	3.6	3.6	3.5	3.4
119°	3.7	3.7	3.8	3.6	3.6
119.5°	3.8	3.8	3.8	3.7	3.7
120°	4.0	4.0	3.9	3.8	3.9
120.5°	4.1	3.9	4.1	4.0	3.9
121°	4.1	4.1	4.1	4.1	3.9
121.5°	4.6	4.4	4.3	4.1	4.1
122°	4.3	4.6	4.4	4.3	4.4
122.5°	4.7	4.6	4.5	4.5	4.3
123°	4.7	4.7	4.6	4.6	4.5
123.5°	4.7	4.9	4.7	4.5	4.7
124°	4.8	4.9	4.8	4.7	4.7
124.5°	5.1	4.9	4.8	4.7	4.7
125°	5.3	5.1	5.0	4.9	4.9
125.5°	5.3	5.2	5.0	4.9	5.0
126°	5.3	5.1	5.0	5.0	4.9
126.5°	5.1	5.2	5.3	5.0	5.1
127°	5.3	5.3	5.1	5.0	4.9
127.5°	5.5	5.4	5.3	5.0	4.9
128°	5.5	5.2	5.2	5.0	5.1
128.5°	5.3	5.3	5.1	4.9	5.1
129°	5.2	5.2	5.1	5.0	4.9
129.5°	5.1	5.2	5.1	5.0	5.0
130°	5.1	5.2	5.0	4.8	4.9
130.5°	5.3	5.1	5.1	4.7	4.9
131°	5.0	5.0	5.0	4.7	4.8
131.5°	5.1	4.9	4.7	4.7	4.7
132°	5.0	4.8	4.8	4.7	4.7
132.5°	5.0	4.8	4.7	4.7	4.7
133°	4.8	4.7	4.7	4.4	4.6
133.5°	4.9	4.7	4.5	4.3	4.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L930-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	4.7	4.5	4.3	4.2	4.6
135.5°	4.5	4.6	4.3	4.1	4.4
136°	4.4	4.3	4.1	3.9	4.4
136.5°	4.5	4.3	4.1	3.9	4.3
137°	4.4	4.2	4.1	3.9	4.2
137.5°	4.3	4.1	4.0	3.7	4.0
138°	4.2	4.0	3.8	3.7	4.0
138.5°	4.3	4.0	3.9	3.7	3.9
139°	3.7	3.9	3.8	3.5	4.0
139.5°	4.0	3.7	3.7	3.6	3.9
140°	3.9	3.7	3.7	3.5	3.7
140.5°	3.9	3.7	3.7	3.5	3.7
141°	3.7	3.7	3.6	3.3	3.5
141.5°	3.5	3.7	3.7	3.3	3.5
142°	3.4	3.4	3.6	3.4	3.2
142.5°	3.4	3.6	3.5	3.3	3.2
143°	3.6	3.5	3.5	3.4	3.2
143.5°	3.6	3.5	3.5	3.2	3.2
144°	3.6	3.3	3.6	3.1	3.3
144.5°	3.4	3.3	3.4	3.2	3.3
145°	3.5	3.3	3.4	3.0	3.3
145.5°	3.4	3.2	3.3	3.0	3.5
146°	3.4	3.2	3.1	3.0	3.3
146.5°	3.5	3.2	3.1	3.0	3.3
147°	3.4	3.2	3.0	3.1	3.1
147.5°	3.3	3.2	3.0	3.1	3.4
148°	3.4	3.2	3.1	3.0	3.4
148.5°	3.5	3.3	3.1	3.0	3.4
149°	3.4	3.2	3.1	3.0	3.4
149.5°	3.6	3.1	3.1	3.0	3.5
150°	3.5	3.3	3.1	3.0	3.4
150.5°	3.4	3.2	3.1	3.1	3.4
151°	3.6	3.2	3.0	3.1	3.6
151.5°	3.5	3.3	3.0	3.1	3.6
152°	3.6	3.3	3.2	3.3	3.4
152.5°	3.6	3.4	3.1	3.2	3.6
153°	3.5	3.3	3.2	3.4	3.7
153.5°	3.7	3.4	3.1	3.3	3.6
154°	3.6	3.4	3.3	3.3	3.6
154.5°	3.6	3.3	3.3	3.5	3.7
155°	3.4	3.4	3.4	3.5	3.7
155.5°	3.6	3.3	3.3	3.4	3.7
156°	3.4	3.4	3.4	3.4	3.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L930-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	3.4	3.2	3.3	3.5	3.6
158°	3.7	3.4	3.3	3.4	3.7
158.5°	3.5	3.4	3.2	3.4	3.6
159°	3.6	3.4	3.3	3.4	3.7
159.5°	3.5	3.3	3.3	3.4	3.8
160°	3.5	3.4	3.2	3.4	3.7
160.5°	3.4	3.3	3.3	3.5	3.7
161°	3.4	3.3	3.3	3.5	3.7
161.5°	3.5	3.4	3.3	3.3	3.5
162°	3.4	3.3	3.4	3.5	3.5
162.5°	3.6	3.5	3.4	3.4	3.6
163°	3.6	3.4	3.5	3.5	3.5
163.5°	3.5	3.4	3.5	3.5	3.7
164°	3.4	3.5	3.4	3.7	3.7
164.5°	3.3	3.6	3.5	3.7	3.7
165°	3.4	3.4	3.3	3.6	3.7
165.5°	3.2	3.4	3.3	3.8	3.7
166°	3.5	3.5	3.4	3.7	3.6
166.5°	3.5	3.4	3.3	3.7	3.4
167°	3.4	3.7	3.4	3.8	3.7
167.5°	3.5	3.7	3.5	3.9	3.7
168°	3.6	3.6	3.4	3.8	3.7
168.5°	3.5	3.7	3.6	4.1	3.7
169°	3.7	3.7	3.4	4.1	3.7
169.5°	3.7	3.7	3.5	4.0	3.8
170°	3.7	3.7	3.6	4.1	3.7
170.5°	3.7	3.8	3.6	4.1	3.9
171°	3.7	3.7	3.7	4.1	4.0
171.5°	3.7	3.7	3.7	4.2	3.8
172°	3.7	3.7	3.8	4.2	3.9
172.5°	3.8	3.8	3.9	4.2	3.9
173°	3.7	3.7	3.9	4.2	4.0
173.5°	3.9	3.8	4.0	4.1	4.1
174°	4.0	4.0	4.3	4.2	4.0
174.5°	4.0	4.2	4.2	4.4	4.2
175°	4.3	4.2	4.3	4.4	4.1
175.5°	4.3	4.2	4.5	4.3	4.3
176°	4.5	4.4	4.3	4.2	4.2
176.5°	4.6	4.3	4.4	4.0	4.2
177°	4.4	4.3	4.1	4.0	4.2
177.5°	4.5	4.3	4.0	3.9	4.3
178°	4.2	4.1	3.9	3.9	4.0
178.5°	4.1	4.0	3.8	3.8	3.8



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L930-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	3.6	3.6	3.6	3.6	3.6



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	3751.8	3747.2	3729.0	3711.6	3704.3
22°	3750.0	3745.4	3726.2	3708.9	3701.6



44°	3358.4	3344.7	3317.3	3300.9	3289.9
44.5°	3337.4	3322.8	3297.2	3279.9	3268.9



66.5°	1793.7	1786.4	1772.7	1768.2	1763.6
67°	1749.0	1740.8	1728.0	1723.5	1719.8



89°	26.7	26.2	25.9	27.3	27.7
89.5°	11.8	12.0	11.7	12.5	12.3



111.5°	2.3	2.0	2.1	2.1	2.0
112°	2.3	2.1	2.1	2.1	2.3



134°	4.7	4.6	4.5	4.4	4.7
134.5°	4.7	4.5	4.5	4.2	4.4



156.5°	3.6	3.3	3.4	3.5	3.6
157°	3.5	3.3	3.4	3.4	3.6



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



(END OF REPORT)