

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-L850-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-L850-CFR2  
Description: 14000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS  
AND 5000K CCT, 80CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No. Condition Description

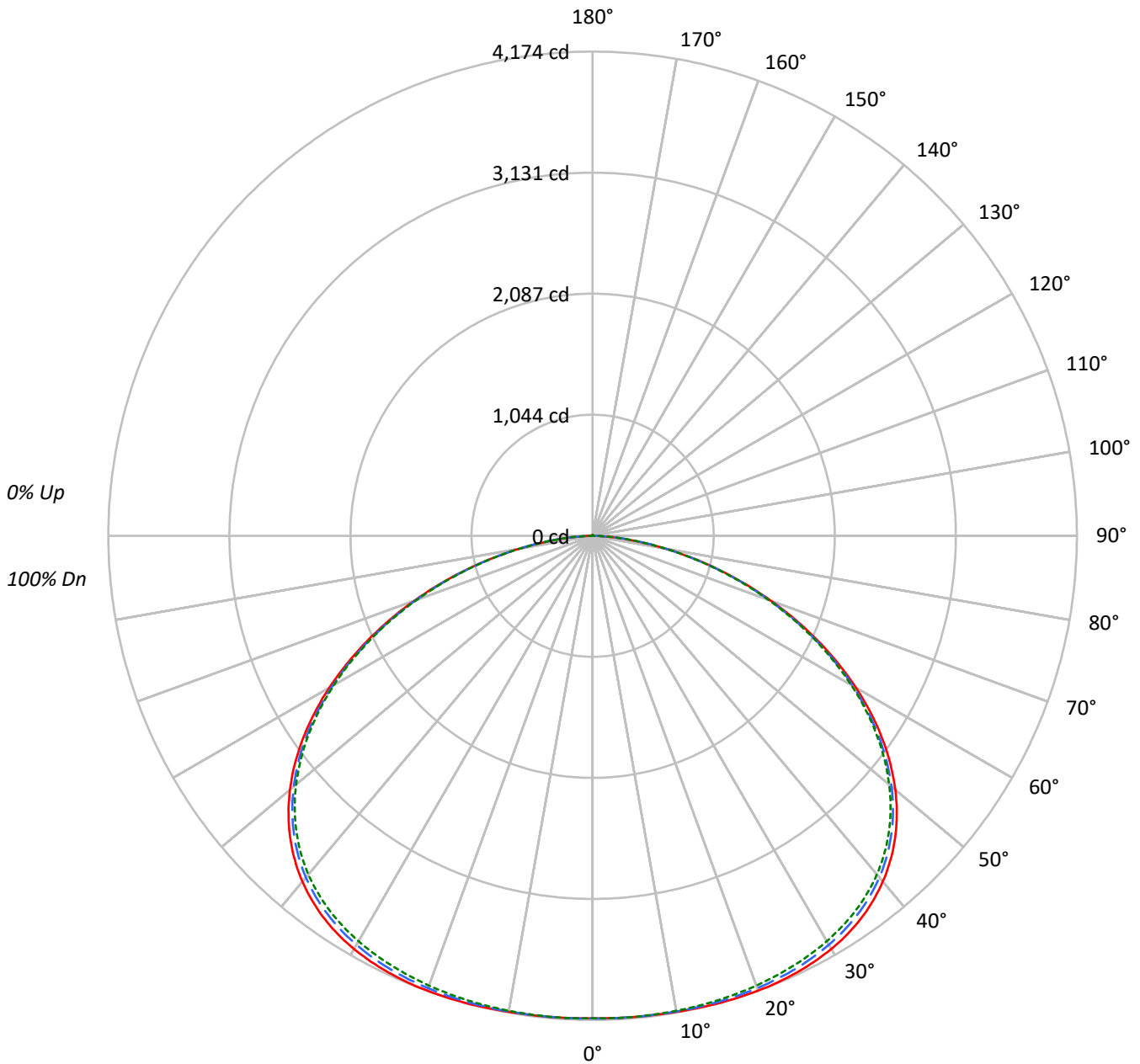
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 15063.0 lumens  
Efficiency: N/A  
Efficacy: 125.5 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 (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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CATALOG NUMBER: 44ID-140-L850-CFR2

### 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°	2970	2970	2970
5°	2984	2984	2983
10°	3021	3019	3014
15°	3084	3076	3066
20°	3170	3153	3135
25°	3274	3248	3222
30°	3391	3356	3326
35°	3512	3472	3441
40°	3626	3583	3552
45°	3721	3675	3645
50°	3782	3736	3705
55°	3794	3747	3719
60°	3743	3697	3675
65°	3622	3580	3563
70°	3414	3378	3361
75°	3093	3073	3059
80°	2631	2640	2611
85°	1959	2007	2004



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	397.5	2.6
10°-20°	1179.0	7.8
20°-30°	1906.0	12.7
30°-40°	2496.5	16.6
40°-50°	2808.1	18.6
50°-60°	2687.0	17.8
60°-70°	2095.7	13.9
70°-80°	1181.0	7.8
80°-90°	292.2	1.9
90°-100°	1.0	0.0
100°-110°	1.7	0.0
110°-120°	3.1	0.0
120°-130°	4.8	0.0
130°-140°	3.8	0.0
140°-150°	2.3	0.0
150°-160°	1.7	0.0
160°-170°	1.1	0.0
170°-180°	0.4	0.0
0°-30°	3482.5	23.1
0°-40°	5979.0	39.7
0°-60°	11474.1	76.2
0°-90°	15043.1	99.9
90°-120°	5.7	0.0
90°-150°	16.7	0.1
90°-180°	20.0	0.1
0°-180°	15063.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	4160	4160	4160	4160	4160	
5°	4164	4165	4164	4164	4163	398
15°	4173	4172	4162	4153	4148	1183
25°	4156	4149	4123	4100	4091	1921
35°	4030	4017	3983	3959	3948	2523
45°	3686	3670	3640	3623	3610	2839
55°	3048	3032	3010	2997	2988	2717
65°	2144	2136	2120	2114	2109	2116
75°	1121	1121	1114	1112	1109	1188
85°	239	242	245	247	245	277
90°	2	2	2	2	2	11
95°	1	1	1	1	1	1
105°	2	2	2	2	2	2
115°	3	3	3	3	3	3
125°	6	6	6	6	6	5
135°	5	5	5	5	5	4
145°	4	4	4	3	4	2
155°	4	4	4	4	4	2
165°	4	4	4	4	4	1
175°	5	5	5	5	5	0
180°	4	4	4	4	4	



TEST NUMBER: P#

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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	4160.0	4160.0	4160.0	4160.0	4160.0
0.5°	4158.9	4162.0	4163.0	4162.0	4160.0
1°	4160.0	4162.0	4163.0	4163.0	4161.0
1.5°	4161.0	4163.0	4163.0	4163.0	4162.0
2°	4161.0	4163.0	4163.0	4164.0	4162.0
2.5°	4162.0	4164.0	4164.0	4164.0	4162.0
3°	4163.0	4164.0	4164.0	4164.0	4163.0
3.5°	4163.0	4164.0	4164.0	4164.0	4163.0
4°	4164.0	4164.0	4164.0	4164.0	4163.0
4.5°	4164.0	4165.0	4164.0	4164.0	4163.0
5°	4164.0	4165.0	4164.0	4164.0	4163.0
5.5°	4164.0	4165.0	4164.0	4164.0	4163.0
6°	4165.0	4165.0	4164.0	4164.0	4162.0
6.5°	4165.0	4166.1	4165.0	4164.0	4162.0
7°	4165.0	4166.1	4164.0	4164.0	4162.0
7.5°	4165.0	4166.1	4164.0	4163.0	4161.0
8°	4166.1	4166.1	4165.0	4163.0	4161.0
8.5°	4166.1	4167.1	4164.0	4163.0	4160.0
9°	4167.1	4167.1	4165.0	4162.0	4160.0
9.5°	4167.1	4168.1	4164.0	4162.0	4158.9
10°	4168.1	4168.1	4164.0	4161.0	4157.9
10.5°	4169.1	4169.1	4164.0	4161.0	4157.9
11°	4169.1	4169.1	4164.0	4160.0	4156.9
11.5°	4170.1	4170.1	4164.0	4158.9	4155.9
12°	4170.1	4170.1	4164.0	4158.9	4154.9
12.5°	4171.1	4170.1	4163.0	4157.9	4153.9
13°	4171.1	4170.1	4163.0	4156.9	4152.9
13.5°	4172.1	4171.1	4163.0	4155.9	4151.8
14°	4172.1	4171.1	4163.0	4154.9	4149.8
14.5°	4173.2	4171.1	4162.0	4153.9	4148.8
15°	4173.2	4172.1	4162.0	4152.9	4147.8
15.5°	4174.2	4172.1	4161.0	4150.8	4145.8
16°	4173.2	4172.1	4160.0	4149.8	4143.7
16.5°	4174.2	4172.1	4160.0	4147.8	4141.7
17°	4174.2	4171.1	4158.9	4145.8	4140.7
17.5°	4174.2	4171.1	4156.9	4144.7	4138.7
18°	4174.2	4171.1	4155.9	4142.7	4135.6
18.5°	4174.2	4170.1	4154.9	4140.7	4133.6
19°	4173.2	4170.1	4153.9	4138.7	4131.6
19.5°	4173.2	4169.1	4151.8	4135.6	4128.5
20°	4172.1	4168.1	4149.8	4133.6	4126.5
20.5°	4171.1	4167.1	4148.8	4131.6	4123.4
21°	4171.1	4166.1	4146.8	4128.5	4120.4



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	4167.1	4161.0	4139.7	4119.4	4110.2
23°	4165.0	4158.9	4136.6	4116.3	4107.2
23.5°	4163.0	4156.9	4133.6	4112.3	4103.1
24°	4161.0	4154.9	4130.5	4108.2	4099.1
24.5°	4158.9	4151.8	4127.5	4104.2	4095.0
25°	4155.9	4148.8	4123.4	4100.1	4091.0
25.5°	4152.9	4145.8	4119.4	4096.0	4085.9
26°	4149.8	4142.7	4115.3	4092.0	4081.8
26.5°	4146.8	4138.7	4111.3	4086.9	4076.8
27°	4142.7	4134.6	4106.2	4081.8	4071.7
27.5°	4138.7	4130.5	4101.1	4076.8	4066.6
28°	4134.6	4125.5	4096.0	4071.7	4061.5
28.5°	4129.5	4120.4	4091.0	4065.6	4055.5
29°	4124.5	4115.3	4084.9	4059.5	4049.4
29.5°	4119.4	4109.2	4078.8	4053.4	4042.3
30°	4113.3	4103.1	4071.7	4046.3	4035.2
30.5°	4107.2	4097.1	4064.6	4039.2	4029.1
31°	4100.1	4090.0	4057.5	4032.1	4021.0
31.5°	4094.0	4082.9	4049.4	4025.0	4013.9
32°	4085.9	4074.7	4042.3	4016.9	4005.7
32.5°	4077.8	4066.6	4033.1	4007.8	3996.6
33°	4069.7	4057.5	4024.0	3999.7	3987.5
33.5°	4060.5	4048.4	4014.9	3990.5	3978.3
34°	4050.4	4038.2	4004.7	3980.4	3969.2
34.5°	4040.2	4028.1	3994.6	3970.2	3959.1
35°	4030.1	4016.9	3983.4	3959.1	3947.9
35.5°	4018.9	4005.7	3972.3	3947.9	3936.7
36°	4007.8	3993.6	3960.1	3936.7	3924.6
36.5°	3994.6	3981.4	3947.9	3924.6	3913.4
37°	3981.4	3968.2	3934.7	3911.4	3900.2
37.5°	3968.2	3954.0	3921.5	3898.2	3886.0
38°	3954.0	3940.8	3907.3	3885.0	3872.8
38.5°	3939.8	3925.6	3892.1	3869.8	3858.6
39°	3924.6	3909.4	3876.9	3855.6	3843.4
39.5°	3908.3	3893.1	3861.7	3839.3	3828.2
40°	3891.1	3876.9	3844.4	3823.1	3811.9
40.5°	3874.9	3859.6	3827.2	3806.9	3794.7
41°	3856.6	3841.4	3809.9	3788.6	3776.4
41.5°	3837.3	3822.1	3790.6	3770.3	3758.2
42°	3818.0	3802.8	3771.4	3752.1	3738.9
42.5°	3797.7	3782.5	3751.1	3731.8	3719.6
43°	3777.4	3761.2	3730.8	3711.5	3699.3
43.5°	3756.1	3739.9	3709.5	3690.2	3678.0



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	3686.1	3669.9	3640.5	3623.2	3610.0
45.5°	3661.8	3644.5	3616.1	3598.9	3586.7
46°	3636.4	3619.2	3590.8	3573.5	3561.3
46.5°	3610.0	3592.8	3565.4	3548.1	3536.0
47°	3582.6	3566.4	3538.0	3522.8	3509.6
47.5°	3555.2	3538.0	3510.6	3495.4	3482.2
48°	3527.9	3509.6	3483.2	3467.0	3453.8
48.5°	3498.4	3481.2	3454.8	3439.6	3427.4
49°	3467.0	3450.7	3424.4	3408.1	3397.0
49.5°	3436.5	3420.3	3393.9	3378.7	3366.5
50°	3405.1	3387.8	3363.5	3348.3	3336.1
50.5°	3372.6	3355.4	3331.0	3315.8	3304.6
51°	3340.1	3322.9	3298.5	3283.3	3271.2
51.5°	3305.6	3288.4	3264.0	3249.8	3238.7
52°	3271.2	3253.9	3229.6	3216.4	3205.2
52.5°	3236.7	3219.4	3195.1	3180.8	3170.7
53°	3199.1	3182.9	3160.6	3147.4	3136.2
53.5°	3161.6	3145.3	3123.0	3109.8	3099.7
54°	3124.0	3107.8	3085.5	3072.3	3063.2
54.5°	3087.5	3070.3	3048.9	3035.8	3026.6
55°	3047.9	3031.7	3010.4	2997.2	2988.1
55.5°	3008.4	2992.1	2970.8	2957.6	2949.5
56°	2966.8	2951.5	2930.2	2919.1	2911.0
56.5°	2925.2	2911.0	2889.7	2878.5	2870.4
57°	2884.6	2869.4	2849.1	2838.9	2830.8
57.5°	2844.0	2827.8	2807.5	2797.3	2789.2
58°	2799.4	2784.1	2764.9	2754.7	2747.6
58.5°	2755.7	2741.5	2721.2	2712.1	2705.0
59°	2712.1	2697.9	2678.6	2669.5	2662.4
59.5°	2666.4	2653.2	2634.0	2624.8	2617.7
60°	2621.8	2607.6	2589.3	2581.2	2574.1
60.5°	2576.1	2564.0	2544.7	2536.6	2529.5
61°	2529.5	2517.3	2499.0	2490.9	2483.8
61.5°	2481.8	2471.6	2453.4	2445.2	2439.2
62°	2435.1	2425.0	2406.7	2399.6	2393.5
62.5°	2387.4	2377.3	2359.0	2351.9	2345.8
63°	2339.7	2329.6	2312.3	2305.2	2299.1
63.5°	2291.0	2280.9	2264.6	2257.5	2251.5
64°	2242.3	2232.2	2214.9	2209.9	2202.8
64.5°	2193.6	2183.5	2166.2	2161.2	2155.1
65°	2143.9	2135.8	2119.6	2113.5	2109.4
65.5°	2095.2	2085.1	2069.8	2064.8	2058.7
66°	2043.5	2035.3	2020.1	2015.0	2011.0





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	1893.3	1884.2	1871.0	1865.9	1860.8
68°	1841.5	1833.4	1820.2	1816.2	1811.1
68.5°	1789.8	1781.7	1768.5	1765.4	1762.4
69°	1738.1	1729.9	1718.8	1715.7	1711.7
69.5°	1687.3	1679.2	1669.1	1666.0	1660.9
70°	1635.6	1628.5	1618.3	1615.3	1610.2
70.5°	1583.8	1576.7	1567.6	1564.6	1559.5
71°	1532.1	1526.0	1517.9	1513.8	1508.7
71.5°	1481.4	1475.3	1466.1	1463.1	1459.0
72°	1429.6	1424.5	1415.4	1413.4	1408.3
72.5°	1377.9	1373.8	1364.7	1362.6	1358.6
73°	1326.1	1322.1	1312.9	1310.9	1307.9
73.5°	1275.4	1271.3	1263.2	1260.2	1257.1
74°	1224.7	1221.6	1213.5	1211.5	1207.4
74.5°	1172.9	1170.9	1163.8	1160.7	1157.7
75°	1121.2	1121.2	1114.1	1112.0	1109.0
75.5°	1071.4	1071.4	1064.3	1062.3	1059.3
76°	1021.7	1021.7	1014.6	1012.7	1008.6
76.5°	971.5	971.9	965.9	963.8	960.4
77°	923.4	923.8	918.4	915.7	912.4
77.5°	872.0	874.4	869.9	867.5	864.2
78°	824.0	827.0	822.5	820.5	817.7
78.5°	778.7	780.7	777.7	775.4	771.4
79°	731.3	732.9	730.9	728.9	725.1
79.5°	684.7	687.2	685.9	684.1	679.6
80°	639.9	641.8	642.1	639.3	635.2
80.5°	592.8	596.6	597.2	594.5	592.3
81°	549.3	552.9	553.9	552.3	549.4
81.5°	506.5	510.7	511.6	510.7	507.0
82°	463.6	468.7	470.2	469.5	465.4
82.5°	422.6	428.3	429.9	429.3	425.5
83°	382.8	389.0	390.5	391.0	387.6
83.5°	344.4	350.2	352.2	352.8	349.0
84°	307.4	312.7	315.1	316.2	313.0
84.5°	272.3	276.6	279.5	280.8	279.3
85°	239.2	242.3	245.0	246.9	244.7
85.5°	207.2	209.6	211.7	214.5	212.8
86°	177.4	179.8	181.2	183.4	183.4
86.5°	148.9	150.1	151.2	153.8	153.8
87°	121.8	121.9	122.3	125.6	125.7
87.5°	94.0	94.8	95.2	98.1	99.1
88°	66.3	68.6	69.2	71.9	71.7
88.5°	46.9	46.9	46.8	49.5	50.1



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	2.2	2.1	2.2	2.3	2.1
90.5°	0.7	0.6	0.7	0.8	0.7
91°	0.7	0.6	0.6	0.7	0.6
91.5°	0.9	0.7	0.8	0.6	0.5
92°	0.7	0.7	0.7	0.8	0.7
92.5°	0.8	0.7	0.7	0.8	0.7
93°	0.8	0.8	0.8	0.7	0.6
93.5°	0.9	0.7	0.8	0.8	0.9
94°	0.9	0.8	0.9	0.8	1.0
94.5°	0.9	0.9	0.8	0.9	0.9
95°	0.9	0.7	0.9	0.8	1.0
95.5°	0.8	0.9	1.0	0.9	1.0
96°	1.1	1.1	0.9	0.9	1.0
96.5°	1.1	1.0	1.0	0.9	1.0
97°	1.1	1.0	1.1	0.9	1.2
97.5°	1.2	1.0	1.0	0.9	1.2
98°	1.3	1.1	1.1	1.1	1.3
98.5°	1.3	1.1	1.0	1.0	1.2
99°	1.2	1.2	1.1	1.0	1.1
99.5°	1.3	1.0	1.2	1.1	1.1
100°	1.3	1.2	1.2	1.2	1.3
100.5°	1.3	1.3	1.2	1.3	1.3
101°	1.4	1.2	1.2	1.2	1.2
101.5°	1.5	1.2	1.3	1.3	1.4
102°	1.6	1.3	1.4	1.3	1.4
102.5°	1.4	1.3	1.3	1.4	1.4
103°	1.4	1.2	1.4	1.3	1.4
103.5°	1.5	1.5	1.4	1.4	1.3
104°	1.7	1.5	1.5	1.4	1.3
104.5°	1.5	1.6	1.6	1.6	1.4
105°	1.8	1.6	1.5	1.7	1.7
105.5°	1.7	1.4	1.6	1.5	1.5
106°	1.6	1.6	1.7	1.7	1.8
106.5°	1.8	1.6	1.7	1.6	1.5
107°	1.7	1.7	1.8	1.8	1.6
107.5°	1.9	1.7	1.8	1.9	1.8
108°	1.9	1.7	1.6	1.9	1.7
108.5°	1.9	1.9	1.9	1.8	1.7
109°	2.0	1.9	1.9	1.9	2.0
109.5°	2.1	1.8	2.1	2.0	1.8
110°	2.0	2.0	2.0	2.1	2.0
110.5°	2.1	2.0	2.1	2.1	2.2
111°	2.1	2.2	2.2	2.2	2.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L850-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	2.4	2.5	2.6	2.5	2.3
113°	2.7	2.4	2.4	2.5	2.5
113.5°	2.7	2.7	2.7	2.8	2.8
114°	2.8	2.8	2.9	2.9	2.8
114.5°	3.0	3.0	2.9	2.9	2.7
115°	3.0	3.0	2.9	3.0	2.9
115.5°	3.3	3.0	3.2	3.1	2.9
116°	3.2	3.3	3.3	3.2	3.1
116.5°	3.4	3.4	3.4	3.4	3.3
117°	3.7	3.7	3.7	3.7	3.2
117.5°	3.9	3.7	3.8	3.7	3.4
118°	3.9	3.8	4.0	3.8	3.6
118.5°	4.2	4.0	4.0	3.9	3.8
119°	4.2	4.2	4.3	4.0	4.0
119.5°	4.3	4.3	4.3	4.2	4.1
120°	4.5	4.5	4.4	4.3	4.4
120.5°	4.6	4.4	4.6	4.5	4.4
121°	4.6	4.6	4.6	4.6	4.4
121.5°	5.1	4.9	4.8	4.6	4.6
122°	4.8	5.1	4.9	4.8	4.9
122.5°	5.2	5.1	5.0	5.0	4.8
123°	5.3	5.3	5.1	5.1	5.0
123.5°	5.3	5.5	5.2	5.0	5.2
124°	5.4	5.5	5.4	5.2	5.2
124.5°	5.7	5.5	5.4	5.3	5.3
125°	5.9	5.7	5.6	5.5	5.5
125.5°	5.9	5.8	5.6	5.5	5.6
126°	5.9	5.7	5.6	5.6	5.5
126.5°	5.7	5.8	5.9	5.6	5.7
127°	5.9	5.9	5.7	5.6	5.5
127.5°	6.1	6.0	5.9	5.6	5.5
128°	6.1	5.8	5.8	5.6	5.7
128.5°	5.9	5.9	5.7	5.5	5.7
129°	5.8	5.8	5.7	5.6	5.5
129.5°	5.7	5.8	5.7	5.6	5.6
130°	5.7	5.8	5.6	5.4	5.5
130.5°	5.9	5.7	5.7	5.2	5.5
131°	5.6	5.6	5.6	5.3	5.4
131.5°	5.7	5.5	5.3	5.2	5.3
132°	5.6	5.4	5.4	5.2	5.2
132.5°	5.6	5.4	5.3	5.2	5.3
133°	5.4	5.2	5.2	4.9	5.1
133.5°	5.5	5.2	5.0	4.8	5.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L850-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	5.3	5.0	4.8	4.7	5.1
135.5°	5.0	5.1	4.8	4.6	4.9
136°	4.9	4.8	4.6	4.4	4.9
136.5°	5.0	4.8	4.6	4.4	4.8
137°	4.9	4.7	4.6	4.4	4.7
137.5°	4.8	4.6	4.5	4.2	4.5
138°	4.7	4.5	4.3	4.2	4.5
138.5°	4.8	4.5	4.4	4.1	4.4
139°	4.2	4.4	4.3	3.9	4.5
139.5°	4.5	4.2	4.1	4.0	4.4
140°	4.4	4.1	4.2	3.9	4.1
140.5°	4.4	4.1	4.1	3.9	4.1
141°	4.2	4.1	4.0	3.7	3.9
141.5°	3.9	4.1	4.1	3.7	3.9
142°	3.8	3.8	4.0	3.8	3.6
142.5°	3.8	4.0	3.9	3.7	3.6
143°	4.0	3.9	3.9	3.8	3.6
143.5°	4.0	3.9	3.9	3.6	3.6
144°	4.0	3.7	4.0	3.4	3.7
144.5°	3.8	3.7	3.8	3.6	3.7
145°	3.9	3.7	3.8	3.3	3.7
145.5°	3.8	3.6	3.7	3.3	3.9
146°	3.8	3.6	3.4	3.3	3.7
146.5°	3.9	3.6	3.4	3.3	3.7
147°	3.8	3.6	3.3	3.4	3.4
147.5°	3.7	3.6	3.3	3.4	3.8
148°	3.8	3.6	3.4	3.3	3.8
148.5°	3.9	3.7	3.4	3.3	3.8
149°	3.8	3.6	3.4	3.3	3.8
149.5°	4.0	3.4	3.4	3.3	3.9
150°	3.9	3.7	3.4	3.3	3.8
150.5°	3.8	3.6	3.4	3.4	3.8
151°	4.0	3.6	3.3	3.4	4.0
151.5°	3.9	3.7	3.3	3.4	4.0
152°	4.0	3.7	3.6	3.7	3.8
152.5°	4.0	3.8	3.4	3.6	4.0
153°	3.9	3.7	3.6	3.8	4.1
153.5°	4.2	3.8	3.4	3.7	4.0
154°	4.0	3.8	3.7	3.7	4.0
154.5°	4.0	3.7	3.7	3.9	4.1
155°	3.8	3.8	3.8	3.9	4.2
155.5°	4.0	3.7	3.7	3.8	4.1
156°	3.8	3.8	3.8	3.8	4.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L850-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	3.8	3.6	3.7	3.9	4.0
158°	4.1	3.8	3.7	3.8	4.1
158.5°	3.9	3.8	3.6	3.8	4.0
159°	4.0	3.8	3.7	3.8	4.2
159.5°	3.9	3.7	3.7	3.8	4.3
160°	3.9	3.8	3.6	3.8	4.1
160.5°	3.8	3.7	3.7	3.9	4.1
161°	3.8	3.7	3.7	3.9	4.1
161.5°	3.9	3.8	3.7	3.7	3.9
162°	3.8	3.7	3.8	3.9	3.9
162.5°	4.0	3.9	3.8	3.8	4.0
163°	4.0	3.8	3.9	3.9	3.9
163.5°	3.9	3.8	3.9	3.9	4.2
164°	3.8	3.9	3.8	4.1	4.1
164.5°	3.7	4.0	3.9	4.1	4.2
165°	3.8	3.8	3.7	4.0	4.1
165.5°	3.6	3.8	3.7	4.3	4.1
166°	3.9	3.9	3.8	4.1	4.0
166.5°	3.9	3.8	3.7	4.2	3.8
167°	3.8	4.1	3.8	4.3	4.2
167.5°	3.9	4.1	3.9	4.4	4.2
168°	4.0	4.0	3.8	4.3	4.1
168.5°	3.9	4.2	4.0	4.6	4.2
169°	4.2	4.1	3.8	4.6	4.2
169.5°	4.1	4.1	3.9	4.5	4.3
170°	4.2	4.1	4.0	4.6	4.2
170.5°	4.2	4.3	4.0	4.6	4.4
171°	4.2	4.2	4.2	4.6	4.5
171.5°	4.1	4.2	4.2	4.7	4.3
172°	4.1	4.2	4.3	4.7	4.4
172.5°	4.3	4.3	4.4	4.7	4.4
173°	4.1	4.1	4.4	4.7	4.5
173.5°	4.4	4.3	4.5	4.6	4.6
174°	4.5	4.5	4.8	4.7	4.5
174.5°	4.5	4.7	4.7	4.9	4.7
175°	4.8	4.7	4.8	4.9	4.6
175.5°	4.8	4.7	5.0	4.8	4.8
176°	5.0	4.9	4.8	4.7	4.7
176.5°	5.1	4.8	4.9	4.5	4.7
177°	4.9	4.8	4.6	4.5	4.7
177.5°	5.0	4.8	4.5	4.4	4.8
178°	4.7	4.6	4.4	4.4	4.5
178.5°	4.6	4.5	4.3	4.3	4.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L850-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	4.0	4.0	4.0	4.0	4.0



Report Generated By 670246072 / DESKTOP-MV3F9LC







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







21.5°	4170.1	4165.0	4144.7	4125.5	4117.3
22°	4168.1	4163.0	4141.7	4122.4	4114.3



44°	3732.8	3717.6	3687.1	3668.9	3656.7
44.5°	3709.5	3693.2	3664.8	3645.5	3633.4



66.5°	1993.7	1985.6	1970.4	1965.3	1960.3
67°	1944.0	1934.9	1920.7	1915.6	1911.6



89°	29.6	29.1	28.8	30.3	30.7
89.5°	13.1	13.3	13.0	13.9	13.7



111.5°	2.5	2.2	2.3	2.3	2.2
112°	2.5	2.3	2.3	2.3	2.5





134°	5.2	5.1	5.0	4.9	5.2
134.5°	5.3	5.0	5.0	4.7	4.9



156.5°	4.0	3.7	3.8	3.9	4.0
157°	3.9	3.7	3.8	3.8	4.0



179°	4.4	4.3	4.1	4.2	4.4
179.5°	3.9	4.1	4.0	3.9	4.2



(END OF REPORT)