

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-180-L850-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-180-L850-CFD2  
Description: 18000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS  
AND 5000K CCT, 80CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No. Condition Description

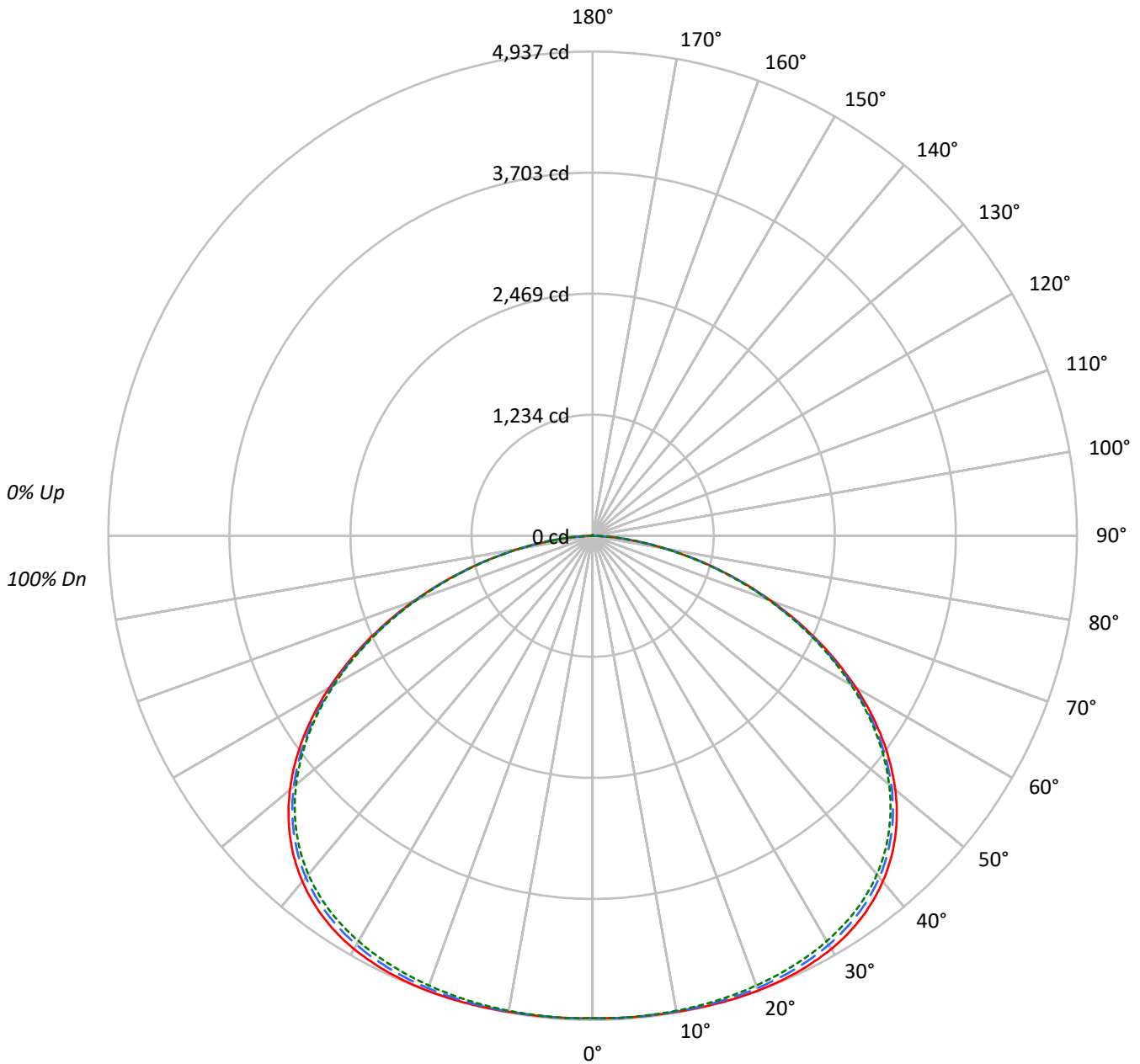
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 17815.1 lumens  
Efficiency: N/A  
Efficacy: 122.2 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): 145.8  
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				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°	3512	3512	3512
5°	3516	3511	3515
10°	3547	3532	3538
15°	3606	3580	3584
20°	3691	3648	3651
25°	3796	3736	3736
30°	3913	3835	3839
35°	4033	3938	3951
40°	4140	4032	4055
45°	4220	4098	4133
50°	4255	4120	4169
55°	4228	4078	4145
60°	4121	3956	4046
65°	3922	3747	3859
70°	3612	3424	3556
75°	3152	2963	3118
80°	2502	2322	2484
85°	1555	1401	1590



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	470.1	2.6
10°-20°	1394.5	7.8
20°-30°	2254.2	12.7
30°-40°	2952.6	16.6
40°-50°	3321.1	18.6
50°-60°	3178.0	17.8
60°-70°	2478.6	13.9
70°-80°	1396.8	7.8
80°-90°	345.6	1.9
90°-100°	1.2	0.0
100°-110°	2.0	0.0
110°-120°	3.6	0.0
120°-130°	5.6	0.0
130°-140°	4.5	0.0
140°-150°	2.7	0.0
150°-160°	2.0	0.0
160°-170°	1.3	0.0
170°-180°	0.5	0.0
0°-30°	4118.8	23.1
0°-40°	7071.4	39.7
0°-60°	13570.5	76.2
0°-90°	17791.5	99.9
90°-120°	6.8	0.0
90°-150°	19.7	0.1
90°-180°	24.0	0.1
0°-180°	17815.1	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	4920	4920	4920	4920	4920	
5°	4925	4926	4925	4925	4924	470
15°	4936	4934	4922	4912	4906	1399
25°	4915	4907	4877	4849	4838	2272
35°	4766	4751	4711	4682	4669	2984
45°	4360	4340	4306	4285	4270	3358
55°	3605	3586	3560	3545	3534	3213
65°	2536	2526	2507	2500	2495	2503
75°	1326	1326	1318	1315	1312	1405
85°	283	287	290	292	289	328
90°	3	2	3	3	2	14
95°	1	1	1	1	1	1
105°	2	2	2	2	2	2
115°	4	4	4	4	4	4
125°	7	7	7	6	6	6
135°	6	6	6	6	6	5
145°	5	4	4	4	4	3
155°	4	4	4	5	5	2
165°	4	4	4	5	5	1
175°	6	6	6	6	5	0
180°	5	5	5	5	5	



TEST NUMBER: P#

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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	4920.0	4920.0	4920.0	4920.0	4920.0
0.5°	4918.8	4922.4	4923.6	4922.4	4920.0
1°	4920.0	4922.4	4923.6	4923.6	4921.2
1.5°	4921.2	4923.6	4923.6	4923.6	4922.4
2°	4921.2	4923.6	4923.6	4924.8	4922.4
2.5°	4922.4	4924.8	4924.8	4924.8	4922.4
3°	4923.6	4924.8	4924.8	4924.8	4923.6
3.5°	4923.6	4924.8	4924.8	4924.8	4923.6
4°	4924.8	4924.8	4924.8	4924.8	4923.6
4.5°	4924.8	4926.0	4924.8	4924.8	4923.6
5°	4924.8	4926.0	4924.8	4924.8	4923.6
5.5°	4924.8	4926.0	4924.8	4924.8	4923.6
6°	4926.0	4926.0	4924.8	4924.8	4922.4
6.5°	4926.0	4927.2	4926.0	4924.8	4922.4
7°	4926.0	4927.2	4924.8	4924.8	4922.4
7.5°	4926.0	4927.2	4924.8	4923.6	4921.2
8°	4927.2	4927.2	4926.0	4923.6	4921.2
8.5°	4927.2	4928.4	4924.8	4923.6	4920.0
9°	4928.4	4928.4	4926.0	4922.4	4920.0
9.5°	4928.4	4929.6	4924.8	4922.4	4918.8
10°	4929.6	4929.6	4924.8	4921.2	4917.6
10.5°	4930.8	4930.8	4924.8	4921.2	4917.6
11°	4930.8	4930.8	4924.8	4920.0	4916.4
11.5°	4932.0	4932.0	4924.8	4918.8	4915.2
12°	4932.0	4932.0	4924.8	4918.8	4914.0
12.5°	4933.2	4932.0	4923.6	4917.6	4912.8
13°	4933.2	4932.0	4923.6	4916.4	4911.6
13.5°	4934.4	4933.2	4923.6	4915.2	4910.4
14°	4934.4	4933.2	4923.6	4914.0	4908.0
14.5°	4935.6	4933.2	4922.4	4912.8	4906.8
15°	4935.6	4934.4	4922.4	4911.6	4905.6
15.5°	4936.8	4934.4	4921.2	4909.2	4903.2
16°	4935.6	4934.4	4920.0	4908.0	4900.8
16.5°	4936.8	4934.4	4920.0	4905.6	4898.4
17°	4936.8	4933.2	4918.8	4903.2	4897.2
17.5°	4936.8	4933.2	4916.4	4902.0	4894.8
18°	4936.8	4933.2	4915.2	4899.6	4891.2
18.5°	4936.8	4932.0	4914.0	4897.2	4888.8
19°	4935.6	4932.0	4912.8	4894.8	4886.4
19.5°	4935.6	4930.8	4910.4	4891.2	4882.8
20°	4934.4	4929.6	4908.0	4888.8	4880.4
20.5°	4933.2	4928.4	4906.8	4886.4	4876.8
21°	4933.2	4927.2	4904.4	4882.8	4873.2



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	4928.4	4921.2	4896.0	4872.0	4861.2
23°	4926.0	4918.8	4892.4	4868.4	4857.6
23.5°	4923.6	4916.4	4888.8	4863.6	4852.8
24°	4921.2	4914.0	4885.2	4858.8	4848.0
24.5°	4918.8	4910.4	4881.6	4854.0	4843.2
25°	4915.2	4906.8	4876.8	4849.2	4838.4
25.5°	4911.6	4903.2	4872.0	4844.4	4832.4
26°	4908.0	4899.6	4867.2	4839.6	4827.6
26.5°	4904.4	4894.8	4862.4	4833.6	4821.6
27°	4899.6	4890.0	4856.4	4827.6	4815.6
27.5°	4894.8	4885.2	4850.4	4821.6	4809.6
28°	4890.0	4879.2	4844.4	4815.6	4803.6
28.5°	4884.0	4873.2	4838.4	4808.4	4796.4
29°	4878.0	4867.2	4831.2	4801.2	4789.2
29.5°	4872.0	4860.0	4824.0	4794.0	4780.8
30°	4864.8	4852.8	4815.6	4785.6	4772.4
30.5°	4857.6	4845.6	4807.2	4777.2	4765.2
31°	4849.2	4837.2	4798.8	4768.8	4755.6
31.5°	4842.0	4828.8	4789.2	4760.4	4747.2
32°	4832.4	4819.2	4780.8	4750.8	4737.6
32.5°	4822.8	4809.6	4770.0	4740.0	4726.8
33°	4813.2	4798.8	4759.2	4730.4	4716.0
33.5°	4802.4	4788.0	4748.4	4719.6	4705.2
34°	4790.4	4776.0	4736.4	4707.6	4694.4
34.5°	4778.4	4764.0	4724.4	4695.6	4682.4
35°	4766.4	4750.8	4711.2	4682.4	4669.2
35.5°	4753.2	4737.6	4698.0	4669.2	4656.0
36°	4740.0	4723.2	4683.6	4656.0	4641.6
36.5°	4724.4	4708.8	4669.2	4641.6	4628.4
37°	4708.8	4693.2	4653.6	4626.0	4612.8
37.5°	4693.2	4676.4	4638.0	4610.4	4596.0
38°	4676.4	4660.8	4621.2	4594.8	4580.4
38.5°	4659.6	4642.8	4603.2	4576.8	4563.6
39°	4641.6	4623.6	4585.2	4560.0	4545.6
39.5°	4622.4	4604.4	4567.2	4540.8	4527.6
40°	4602.0	4585.2	4546.8	4521.6	4508.4
40.5°	4582.8	4564.8	4526.4	4502.4	4488.0
41°	4561.2	4543.2	4506.0	4480.8	4466.4
41.5°	4538.4	4520.4	4483.2	4459.2	4444.8
42°	4515.6	4497.6	4460.4	4437.6	4422.0
42.5°	4491.6	4473.6	4436.4	4413.6	4399.2
43°	4467.6	4448.4	4412.4	4389.6	4375.2
43.5°	4442.4	4423.2	4387.2	4364.4	4350.0



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	4359.6	4340.4	4305.6	4285.2	4269.6
45.5°	4330.8	4310.4	4276.8	4256.4	4242.0
46°	4300.8	4280.4	4246.8	4226.4	4212.0
46.5°	4269.6	4249.2	4216.8	4196.4	4182.0
47°	4237.2	4218.0	4184.4	4166.4	4150.8
47.5°	4204.8	4184.4	4152.0	4134.0	4118.4
48°	4172.4	4150.8	4119.6	4100.4	4084.8
48.5°	4137.6	4117.2	4086.0	4068.0	4053.6
49°	4100.4	4081.2	4050.0	4030.8	4017.6
49.5°	4064.4	4045.2	4014.0	3996.0	3981.6
50°	4027.2	4006.8	3978.0	3960.0	3945.6
50.5°	3988.8	3968.4	3939.6	3921.6	3908.4
51°	3950.4	3930.0	3901.2	3883.2	3868.8
51.5°	3909.6	3889.2	3860.4	3843.6	3830.4
52°	3868.8	3848.4	3819.6	3804.0	3790.8
52.5°	3828.0	3807.6	3778.8	3762.0	3750.0
53°	3783.6	3764.4	3738.0	3722.4	3709.2
53.5°	3739.2	3720.0	3693.6	3678.0	3666.0
54°	3694.8	3675.6	3649.2	3633.6	3622.8
54.5°	3651.6	3631.2	3606.0	3590.4	3579.6
55°	3604.8	3585.6	3560.4	3544.8	3534.0
55.5°	3558.0	3538.8	3513.6	3498.0	3488.4
56°	3508.8	3490.8	3465.6	3452.4	3442.8
56.5°	3459.6	3442.8	3417.6	3404.4	3394.8
57°	3411.6	3393.6	3369.6	3357.6	3348.0
57.5°	3363.6	3344.4	3320.4	3308.4	3298.8
58°	3310.8	3292.8	3270.0	3258.0	3249.6
58.5°	3259.2	3242.4	3218.4	3207.6	3199.2
59°	3207.6	3190.8	3168.0	3157.2	3148.8
59.5°	3153.6	3138.0	3115.2	3104.4	3096.0
60°	3100.8	3084.0	3062.4	3052.8	3044.4
60.5°	3046.8	3032.4	3009.6	3000.0	2991.6
61°	2991.6	2977.2	2955.6	2946.0	2937.6
61.5°	2935.2	2923.2	2901.6	2892.0	2884.8
62°	2880.0	2868.0	2846.4	2838.0	2830.8
62.5°	2823.6	2811.6	2790.0	2781.6	2774.4
63°	2767.2	2755.2	2734.8	2726.4	2719.2
63.5°	2709.6	2697.6	2678.4	2670.0	2662.8
64°	2652.0	2640.0	2619.6	2613.6	2605.2
64.5°	2594.4	2582.4	2562.0	2556.0	2548.8
65°	2535.6	2526.0	2506.8	2499.6	2494.8
65.5°	2478.0	2466.0	2448.0	2442.0	2434.8
66°	2416.8	2407.2	2389.2	2383.2	2378.4





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	2239.2	2228.4	2212.8	2206.8	2200.8
68°	2178.0	2168.4	2152.8	2148.0	2142.0
68.5°	2116.8	2107.2	2091.6	2088.0	2084.4
69°	2055.6	2046.0	2032.8	2029.2	2024.4
69.5°	1995.6	1986.0	1974.0	1970.4	1964.4
70°	1934.4	1926.0	1914.0	1910.4	1904.4
70.5°	1873.2	1864.8	1854.0	1850.4	1844.4
71°	1812.0	1804.8	1795.2	1790.4	1784.4
71.5°	1752.0	1744.8	1734.0	1730.4	1725.6
72°	1690.8	1684.8	1674.0	1671.6	1665.6
72.5°	1629.6	1624.8	1614.0	1611.6	1606.8
73°	1568.4	1563.6	1552.8	1550.4	1546.8
73.5°	1508.4	1503.6	1494.0	1490.4	1486.8
74°	1448.4	1444.8	1435.2	1432.8	1428.0
74.5°	1387.2	1384.8	1376.4	1372.8	1369.2
75°	1326.0	1326.0	1317.6	1315.2	1311.6
75.5°	1267.2	1267.2	1258.8	1256.4	1252.8
76°	1208.4	1208.4	1200.0	1197.7	1192.9
76.5°	1149.0	1149.5	1142.4	1139.9	1135.9
77°	1092.1	1092.6	1086.2	1083.0	1079.0
77.5°	1031.3	1034.2	1028.9	1026.0	1022.0
78°	974.5	978.1	972.7	970.4	967.1
78.5°	921.0	923.3	919.8	917.0	912.4
79°	865.0	866.8	864.5	862.1	857.5
79.5°	809.8	812.8	811.2	809.0	803.8
80°	756.8	759.0	759.4	756.1	751.2
80.5°	701.2	705.6	706.3	703.1	700.6
81°	649.7	653.9	655.1	653.2	649.8
81.5°	599.0	604.0	605.0	604.0	599.6
82°	548.3	554.3	556.1	555.2	550.4
82.5°	499.8	506.5	508.4	507.7	503.3
83°	452.8	460.1	461.9	462.5	458.4
83.5°	407.3	414.2	416.5	417.2	412.8
84°	363.6	369.8	372.7	373.9	370.2
84.5°	322.1	327.1	330.6	332.2	330.4
85°	283.0	286.6	289.8	292.0	289.4
85.5°	245.0	247.9	250.3	253.7	251.6
86°	209.8	212.6	214.3	217.0	217.0
86.5°	176.2	177.5	178.8	181.9	181.9
87°	144.0	144.1	144.6	148.6	148.7
87.5°	111.1	112.1	112.6	116.0	117.2
88°	78.4	81.1	81.8	85.1	84.8
88.5°	55.4	55.4	55.3	58.6	59.3



TEST NUMBER: P#

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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	2.6	2.5	2.6	2.8	2.5
90.5°	0.8	0.7	0.8	1.0	0.8
91°	0.8	0.7	0.7	0.8	0.7
91.5°	1.1	0.8	1.0	0.7	0.6
92°	0.8	0.8	0.8	1.0	0.8
92.5°	1.0	0.8	0.8	1.0	0.8
93°	1.0	1.0	1.0	0.8	0.7
93.5°	1.1	0.8	1.0	1.0	1.1
94°	1.1	1.0	1.1	1.0	1.2
94.5°	1.1	1.1	1.0	1.1	1.1
95°	1.1	0.8	1.1	1.0	1.2
95.5°	1.0	1.1	1.2	1.1	1.2
96°	1.3	1.3	1.1	1.1	1.2
96.5°	1.3	1.2	1.2	1.1	1.2
97°	1.3	1.2	1.3	1.1	1.4
97.5°	1.4	1.2	1.2	1.1	1.4
98°	1.6	1.3	1.3	1.3	1.6
98.5°	1.6	1.3	1.2	1.2	1.4
99°	1.4	1.4	1.3	1.2	1.3
99.5°	1.6	1.2	1.4	1.3	1.3
100°	1.6	1.4	1.4	1.4	1.6
100.5°	1.6	1.6	1.4	1.6	1.6
101°	1.7	1.4	1.4	1.4	1.4
101.5°	1.8	1.4	1.6	1.6	1.7
102°	1.9	1.6	1.7	1.6	1.7
102.5°	1.7	1.6	1.6	1.7	1.7
103°	1.7	1.4	1.7	1.6	1.7
103.5°	1.8	1.8	1.7	1.7	1.6
104°	2.0	1.8	1.8	1.7	1.6
104.5°	1.8	1.9	1.9	1.9	1.7
105°	2.2	1.9	1.8	2.0	2.0
105.5°	2.0	1.7	1.9	1.8	1.8
106°	1.9	1.9	2.0	2.0	2.2
106.5°	2.2	1.9	2.0	1.9	1.8
107°	2.0	2.0	2.2	2.2	1.9
107.5°	2.3	2.0	2.2	2.3	2.2
108°	2.3	2.0	1.9	2.3	2.0
108.5°	2.3	2.3	2.3	2.2	2.0
109°	2.4	2.3	2.3	2.3	2.4
109.5°	2.5	2.2	2.5	2.4	2.2
110°	2.4	2.4	2.4	2.5	2.4
110.5°	2.5	2.4	2.5	2.5	2.6
111°	2.5	2.6	2.6	2.6	2.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-180-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	2.9	3.0	3.1	3.0	2.8
113°	3.2	2.9	2.9	3.0	3.0
113.5°	3.2	3.2	3.2	3.4	3.4
114°	3.4	3.4	3.5	3.5	3.4
114.5°	3.6	3.6	3.5	3.5	3.2
115°	3.6	3.6	3.5	3.6	3.5
115.5°	4.0	3.6	3.8	3.7	3.5
116°	3.8	4.0	4.0	3.8	3.7
116.5°	4.1	4.1	4.1	4.1	4.0
117°	4.3	4.3	4.3	4.3	3.8
117.5°	4.6	4.3	4.4	4.3	4.1
118°	4.6	4.4	4.7	4.4	4.2
118.5°	4.9	4.7	4.7	4.6	4.4
119°	4.9	4.9	5.0	4.7	4.7
119.5°	5.0	5.0	5.0	4.9	4.8
120°	5.3	5.3	5.2	5.0	5.2
120.5°	5.4	5.2	5.4	5.3	5.2
121°	5.4	5.4	5.4	5.4	5.2
121.5°	6.0	5.8	5.6	5.4	5.4
122°	5.6	6.0	5.8	5.6	5.8
122.5°	6.1	6.0	5.9	5.9	5.6
123°	6.2	6.2	6.0	6.0	5.9
123.5°	6.2	6.5	6.1	5.9	6.1
124°	6.4	6.5	6.4	6.1	6.1
124.5°	6.7	6.5	6.4	6.2	6.2
125°	7.0	6.7	6.6	6.5	6.5
125.5°	7.0	6.8	6.6	6.5	6.6
126°	7.0	6.7	6.6	6.6	6.5
126.5°	6.7	6.8	7.0	6.6	6.7
127°	7.0	7.0	6.7	6.6	6.5
127.5°	7.2	7.1	7.0	6.6	6.5
128°	7.2	6.8	6.8	6.6	6.7
128.5°	7.0	7.0	6.7	6.5	6.7
129°	6.8	6.8	6.7	6.6	6.5
129.5°	6.7	6.8	6.7	6.6	6.6
130°	6.7	6.8	6.6	6.4	6.5
130.5°	7.0	6.7	6.7	6.1	6.5
131°	6.6	6.6	6.6	6.2	6.4
131.5°	6.7	6.5	6.2	6.1	6.2
132°	6.6	6.4	6.4	6.1	6.1
132.5°	6.6	6.4	6.2	6.1	6.2
133°	6.4	6.1	6.1	5.8	6.0
133.5°	6.5	6.1	5.9	5.6	6.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-180-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	6.2	5.9	5.6	5.5	6.0
135.5°	5.9	6.0	5.6	5.4	5.8
136°	5.8	5.6	5.4	5.2	5.8
136.5°	5.9	5.6	5.4	5.2	5.6
137°	5.8	5.5	5.4	5.2	5.5
137.5°	5.6	5.4	5.3	4.9	5.3
138°	5.5	5.3	5.0	4.9	5.3
138.5°	5.6	5.3	5.2	4.8	5.2
139°	4.9	5.2	5.0	4.6	5.3
139.5°	5.3	4.9	4.8	4.7	5.2
140°	5.2	4.8	4.9	4.6	4.8
140.5°	5.2	4.8	4.8	4.6	4.8
141°	4.9	4.8	4.7	4.3	4.6
141.5°	4.6	4.8	4.8	4.3	4.6
142°	4.4	4.4	4.7	4.4	4.2
142.5°	4.4	4.7	4.6	4.3	4.2
143°	4.7	4.6	4.6	4.4	4.2
143.5°	4.7	4.6	4.6	4.2	4.2
144°	4.7	4.3	4.7	4.1	4.3
144.5°	4.4	4.3	4.4	4.2	4.3
145°	4.6	4.3	4.4	4.0	4.3
145.5°	4.4	4.2	4.3	4.0	4.6
146°	4.4	4.2	4.1	4.0	4.3
146.5°	4.6	4.2	4.1	4.0	4.3
147°	4.4	4.2	4.0	4.1	4.1
147.5°	4.3	4.2	4.0	4.1	4.4
148°	4.4	4.2	4.1	4.0	4.4
148.5°	4.6	4.3	4.1	4.0	4.4
149°	4.4	4.2	4.1	4.0	4.4
149.5°	4.7	4.1	4.1	4.0	4.6
150°	4.6	4.3	4.1	4.0	4.4
150.5°	4.4	4.2	4.1	4.1	4.4
151°	4.7	4.2	4.0	4.1	4.7
151.5°	4.6	4.3	4.0	4.1	4.7
152°	4.7	4.3	4.2	4.3	4.4
152.5°	4.7	4.4	4.1	4.2	4.7
153°	4.6	4.3	4.2	4.4	4.8
153.5°	4.9	4.4	4.1	4.3	4.7
154°	4.7	4.4	4.3	4.3	4.7
154.5°	4.7	4.3	4.3	4.6	4.8
155°	4.4	4.4	4.4	4.6	4.9
155.5°	4.7	4.3	4.3	4.4	4.8
156°	4.4	4.4	4.4	4.4	4.8



TEST NUMBER: P#

CATALOG NUMBER: 44ID-180-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	4.4	4.2	4.3	4.6	4.7
158°	4.8	4.4	4.3	4.4	4.8
158.5°	4.6	4.4	4.2	4.4	4.7
159°	4.7	4.4	4.3	4.4	4.9
159.5°	4.6	4.3	4.3	4.4	5.0
160°	4.6	4.4	4.2	4.4	4.8
160.5°	4.4	4.3	4.3	4.6	4.8
161°	4.4	4.3	4.3	4.6	4.8
161.5°	4.6	4.4	4.3	4.3	4.6
162°	4.4	4.3	4.4	4.6	4.6
162.5°	4.7	4.6	4.4	4.4	4.7
163°	4.7	4.4	4.6	4.6	4.6
163.5°	4.6	4.4	4.6	4.6	4.9
164°	4.4	4.6	4.4	4.8	4.8
164.5°	4.3	4.7	4.6	4.8	4.9
165°	4.4	4.4	4.3	4.7	4.8
165.5°	4.2	4.4	4.3	5.0	4.8
166°	4.6	4.6	4.4	4.8	4.7
166.5°	4.6	4.4	4.3	4.9	4.4
167°	4.4	4.8	4.4	5.0	4.9
167.5°	4.6	4.8	4.6	5.2	4.9
168°	4.7	4.7	4.4	5.0	4.8
168.5°	4.6	4.9	4.7	5.4	4.9
169°	4.9	4.8	4.4	5.4	4.9
169.5°	4.8	4.8	4.6	5.3	5.0
170°	4.9	4.8	4.7	5.4	4.9
170.5°	4.9	5.0	4.7	5.4	5.2
171°	4.9	4.9	4.9	5.4	5.3
171.5°	4.8	4.9	4.9	5.5	5.0
172°	4.8	4.9	5.0	5.5	5.2
172.5°	5.0	5.0	5.2	5.5	5.2
173°	4.8	4.8	5.2	5.5	5.3
173.5°	5.2	5.0	5.3	5.4	5.4
174°	5.3	5.3	5.6	5.5	5.3
174.5°	5.3	5.5	5.5	5.8	5.5
175°	5.6	5.5	5.6	5.8	5.4
175.5°	5.6	5.5	5.9	5.6	5.6
176°	5.9	5.8	5.6	5.5	5.5
176.5°	6.0	5.6	5.8	5.3	5.5
177°	5.8	5.6	5.4	5.3	5.5
177.5°	5.9	5.6	5.3	5.2	5.6
178°	5.5	5.4	5.2	5.2	5.3
178.5°	5.4	5.3	5.0	5.0	5.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-180-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	4.7	4.7	4.7	4.7	4.7



Report Generated By 670246072 / DESKTOP-MV3F9LC







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







21.5°	4932.0	4926.0	4902.0	4879.2	4869.6
22°	4929.6	4923.6	4898.4	4875.6	4866.0



44°	4414.8	4396.8	4360.8	4339.2	4324.8
44.5°	4387.2	4368.0	4334.4	4311.6	4297.2



66.5°	2358.0	2348.4	2330.4	2324.4	2318.4
67°	2299.2	2288.4	2271.6	2265.6	2260.8



89°	35.0	34.4	34.1	35.9	36.4
89.5°	15.5	15.7	15.4	16.4	16.2



111.5°	3.0	2.6	2.8	2.8	2.6
112°	3.0	2.8	2.8	2.8	3.0





134°	6.1	6.0	5.9	5.8	6.1
134.5°	6.2	5.9	5.9	5.5	5.8



156.5°	4.7	4.3	4.4	4.6	4.7
157°	4.6	4.3	4.4	4.4	4.7



179°	5.2	5.0	4.8	4.9	5.2
179.5°	4.6	4.8	4.7	4.6	4.9



(END OF REPORT)