

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-200-L840-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-200-L840-CFD2  
Description: 20000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS  
AND 4000K CCT, 80CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No.   Condition   Description

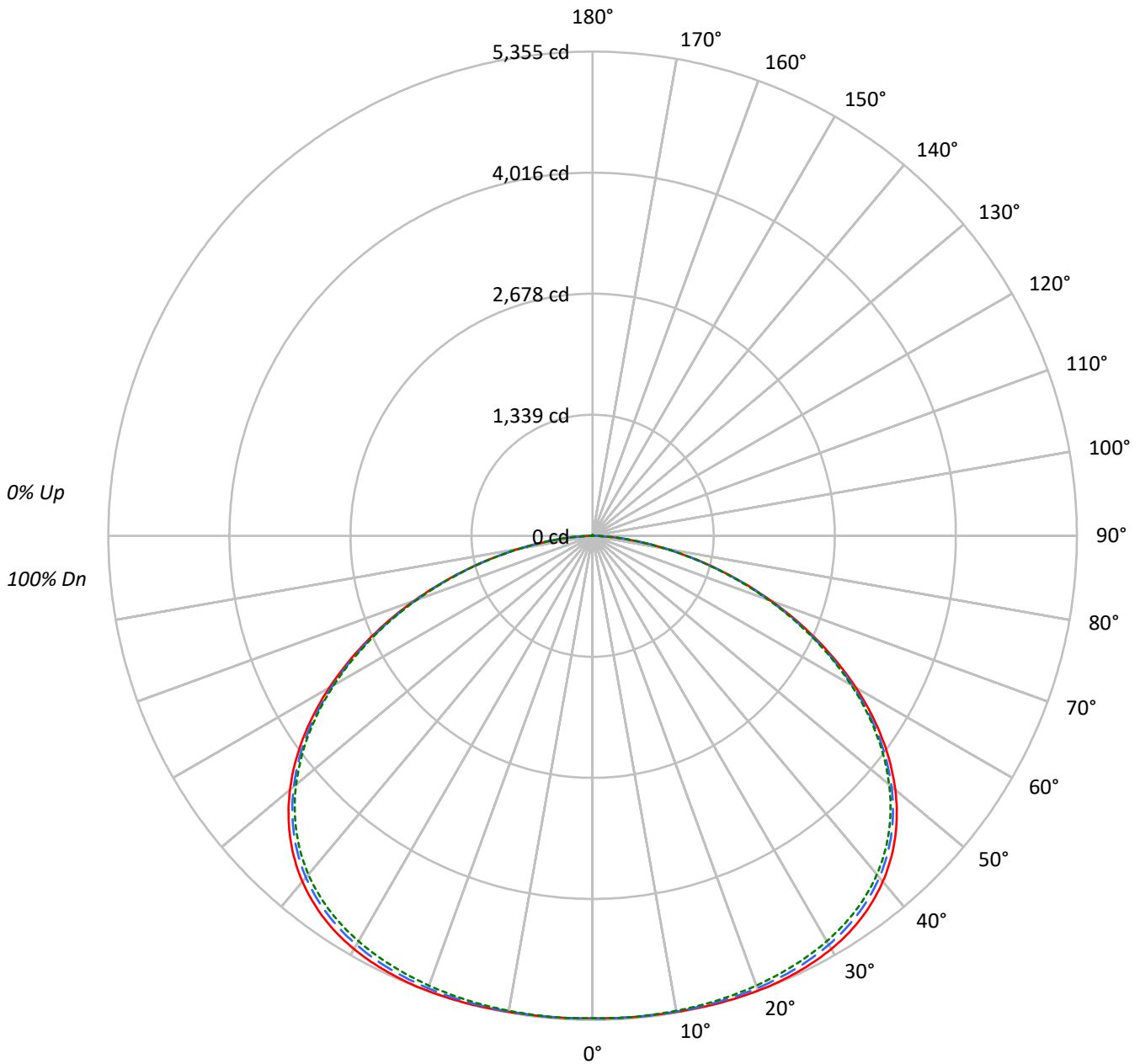
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 19325.0 lumens  
Efficiency: N/A  
Efficacy: 117.7 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): 164.2  
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

TEST NUMBER: P#  
CATALOG NUMBER: 44ID-200-L840-CFD2

### Luminous Intensity Polar Plot





TEST NUMBER: P#

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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°	3810	3810	3810
5°	3814	3808	3813
10°	3847	3832	3838
15°	3912	3883	3888
20°	4004	3957	3960
25°	4117	4052	4053
30°	4245	4160	4164
35°	4375	4272	4285
40°	4491	4374	4399
45°	4578	4446	4484
50°	4616	4469	4522
55°	4586	4424	4496
60°	4470	4292	4389
65°	4255	4064	4186
70°	3918	3714	3857
75°	3420	3214	3383
80°	2714	2519	2694
85°	1686	1520	1725



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	510.0	2.6
10°-20°	1512.7	7.8
20°-30°	2445.3	12.7
30°-40°	3202.9	16.6
40°-50°	3602.6	18.6
50°-60°	3447.3	17.8
60°-70°	2688.6	13.9
70°-80°	1515.2	7.8
80°-90°	374.9	1.9
90°-100°	1.3	0.0
100°-110°	2.2	0.0
110°-120°	3.9	0.0
120°-130°	6.1	0.0
130°-140°	4.8	0.0
140°-150°	3.0	0.0
150°-160°	2.2	0.0
160°-170°	1.4	0.0
170°-180°	0.5	0.0
0°-30°	4467.9	23.1
0°-40°	7670.8	39.7
0°-60°	14720.7	76.2
0°-90°	19299.5	99.9
90°-120°	7.4	0.0
90°-150°	21.4	0.1
90°-180°	26.0	0.1
0°-180°	19325.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	5337	5337	5337	5337	5337	
5°	5342	5344	5342	5342	5341	510
15°	5354	5353	5340	5328	5321	1517
25°	5332	5323	5290	5260	5248	2464
35°	5170	5154	5110	5079	5065	3237
45°	4729	4708	4670	4648	4632	3643
55°	3910	3890	3862	3845	3834	3485
65°	2750	2740	2719	2712	2706	2715
75°	1438	1438	1429	1427	1423	1524
85°	307	311	314	317	314	356
90°	3	3	3	3	3	15
95°	1	1	1	1	1	1
105°	2	2	2	2	2	2
115°	4	4	4	4	4	4
125°	8	7	7	7	7	6
135°	7	6	6	6	6	5
145°	5	5	5	4	5	3
155°	5	5	5	5	5	2
165°	5	5	5	5	5	1
175°	6	6	6	6	6	1
180°	5	5	5	5	5	



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L840-CFD2

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	5337.0	5337.0	5337.0	5337.0	5337.0
0.5°	5335.7	5339.6	5340.9	5339.6	5337.0
1°	5337.0	5339.6	5340.9	5340.9	5338.3
1.5°	5338.3	5340.9	5340.9	5340.9	5339.6
2°	5338.3	5340.9	5340.9	5342.2	5339.6
2.5°	5339.6	5342.2	5342.2	5342.2	5339.6
3°	5340.9	5342.2	5342.2	5342.2	5340.9
3.5°	5340.9	5342.2	5342.2	5342.2	5340.9
4°	5342.2	5342.2	5342.2	5342.2	5340.9
4.5°	5342.2	5343.5	5342.2	5342.2	5340.9
5°	5342.2	5343.5	5342.2	5342.2	5340.9
5.5°	5342.2	5343.5	5342.2	5342.2	5340.9
6°	5343.5	5343.5	5342.2	5342.2	5339.6
6.5°	5343.5	5344.8	5343.5	5342.2	5339.6
7°	5343.5	5344.8	5342.2	5342.2	5339.6
7.5°	5343.5	5344.8	5342.2	5340.9	5338.3
8°	5344.8	5344.8	5343.5	5340.9	5338.3
8.5°	5344.8	5346.1	5342.2	5340.9	5337.0
9°	5346.1	5346.1	5343.5	5339.6	5337.0
9.5°	5346.1	5347.4	5342.2	5339.6	5335.7
10°	5347.4	5347.4	5342.2	5338.3	5334.4
10.5°	5348.7	5348.7	5342.2	5338.3	5334.4
11°	5348.7	5348.7	5342.2	5337.0	5333.1
11.5°	5350.0	5350.0	5342.2	5335.7	5331.8
12°	5350.0	5350.0	5342.2	5335.7	5330.5
12.5°	5351.3	5350.0	5340.9	5334.4	5329.2
13°	5351.3	5350.0	5340.9	5333.1	5327.9
13.5°	5352.6	5351.3	5340.9	5331.8	5326.6
14°	5352.6	5351.3	5340.9	5330.5	5324.0
14.5°	5353.9	5351.3	5339.6	5329.2	5322.7
15°	5353.9	5352.6	5339.6	5327.9	5321.4
15.5°	5355.2	5352.6	5338.3	5325.3	5318.8
16°	5353.9	5352.6	5337.0	5324.0	5316.2
16.5°	5355.2	5352.6	5337.0	5321.4	5313.6
17°	5355.2	5351.3	5335.7	5318.8	5312.3
17.5°	5355.2	5351.3	5333.1	5317.5	5309.7
18°	5355.2	5351.3	5331.8	5314.9	5305.8
18.5°	5355.2	5350.0	5330.5	5312.3	5303.2
19°	5353.9	5350.0	5329.2	5309.7	5300.6
19.5°	5353.9	5348.7	5326.6	5305.8	5296.7
20°	5352.6	5347.4	5324.0	5303.2	5294.0
20.5°	5351.3	5346.1	5322.7	5300.6	5290.1
21°	5351.3	5344.8	5320.1	5296.7	5286.2



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	5346.1	5338.3	5311.0	5284.9	5273.2
23°	5343.5	5335.7	5307.1	5281.0	5269.3
23.5°	5340.9	5333.1	5303.2	5275.8	5264.1
24°	5338.3	5330.5	5299.3	5270.6	5258.9
24.5°	5335.7	5326.6	5295.3	5265.4	5253.7
25°	5331.8	5322.7	5290.1	5260.2	5248.5
25.5°	5327.9	5318.8	5284.9	5255.0	5242.0
26°	5324.0	5314.9	5279.7	5249.8	5236.8
26.5°	5320.1	5309.7	5274.5	5243.3	5230.3
27°	5314.9	5304.5	5268.0	5236.8	5223.8
27.5°	5309.7	5299.3	5261.5	5230.3	5217.2
28°	5304.5	5292.7	5255.0	5223.8	5210.7
28.5°	5298.0	5286.2	5248.5	5215.9	5202.9
29°	5291.4	5279.7	5240.7	5208.1	5195.1
29.5°	5284.9	5271.9	5232.9	5200.3	5186.0
30°	5277.1	5264.1	5223.8	5191.2	5176.9
30.5°	5269.3	5256.3	5214.6	5182.1	5169.1
31°	5260.2	5247.2	5205.5	5173.0	5158.7
31.5°	5252.4	5238.1	5195.1	5163.9	5149.6
32°	5242.0	5227.7	5186.0	5153.5	5139.1
32.5°	5231.6	5217.2	5174.3	5141.7	5127.4
33°	5221.2	5205.5	5162.6	5131.3	5115.7
33.5°	5209.4	5193.8	5150.9	5119.6	5104.0
34°	5196.4	5180.8	5137.8	5106.6	5092.3
34.5°	5183.4	5167.8	5124.8	5093.6	5079.3
35°	5170.4	5153.5	5110.5	5079.3	5064.9
35.5°	5156.1	5139.1	5096.2	5064.9	5050.6
36°	5141.7	5123.5	5080.6	5050.6	5035.0
36.5°	5124.8	5107.9	5064.9	5035.0	5020.7
37°	5107.9	5091.0	5048.0	5018.1	5003.8
37.5°	5091.0	5072.8	5031.1	5001.2	4985.5
38°	5072.8	5055.8	5012.9	4984.2	4968.6
38.5°	5054.5	5036.3	4993.4	4964.7	4950.4
39°	5035.0	5015.5	4973.8	4946.5	4930.9
39.5°	5014.2	4994.7	4954.3	4925.7	4911.3
40°	4992.1	4973.8	4932.2	4904.8	4890.5
40.5°	4971.2	4951.7	4910.0	4884.0	4868.4
41°	4947.8	4928.3	4887.9	4860.6	4845.0
41.5°	4923.1	4903.5	4863.2	4837.1	4821.5
42°	4898.3	4878.8	4838.4	4813.7	4796.8
42.5°	4872.3	4852.8	4812.4	4787.7	4772.1
43°	4846.3	4825.4	4786.4	4761.6	4746.0
43.5°	4818.9	4798.1	4759.0	4734.3	4718.7



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	4729.1	4708.3	4670.5	4648.4	4631.5
45.5°	4697.9	4675.7	4639.3	4617.2	4601.5
46°	4665.3	4643.2	4606.7	4584.6	4569.0
46.5°	4631.5	4609.3	4574.2	4552.1	4536.5
47°	4596.3	4575.5	4539.1	4519.5	4502.6
47.5°	4561.2	4539.1	4503.9	4484.4	4467.5
48°	4526.0	4502.6	4468.8	4447.9	4431.0
48.5°	4488.3	4466.2	4432.3	4412.8	4397.2
49°	4447.9	4427.1	4393.3	4372.4	4358.1
49.5°	4408.9	4388.1	4354.2	4334.7	4319.1
50°	4368.5	4346.4	4315.2	4295.6	4280.0
50.5°	4326.9	4304.7	4273.5	4254.0	4239.7
51°	4285.2	4263.1	4231.9	4212.3	4196.7
51.5°	4241.0	4218.8	4187.6	4169.4	4155.1
52°	4196.7	4174.6	4143.3	4126.4	4112.1
52.5°	4152.4	4130.3	4099.1	4080.9	4067.8
53°	4104.3	4083.5	4054.8	4037.9	4023.6
53.5°	4056.1	4035.3	4006.7	3989.7	3976.7
54°	4008.0	3987.1	3958.5	3941.6	3929.9
54.5°	3961.1	3939.0	3911.6	3894.7	3883.0
55°	3910.3	3889.5	3862.2	3845.2	3833.5
55.5°	3859.6	3838.7	3811.4	3794.5	3784.1
56°	3806.2	3786.7	3759.3	3745.0	3734.6
56.5°	3752.8	3734.6	3707.3	3692.9	3682.5
57°	3700.8	3681.2	3655.2	3642.2	3631.8
57.5°	3648.7	3627.9	3601.8	3588.8	3578.4
58°	3591.4	3571.9	3547.2	3534.1	3525.0
58.5°	3535.4	3517.2	3491.2	3479.5	3470.4
59°	3479.5	3461.2	3436.5	3424.8	3415.7
59.5°	3420.9	3404.0	3379.2	3367.5	3358.4
60°	3363.6	3345.4	3322.0	3311.5	3302.4
60.5°	3305.0	3289.4	3264.7	3254.3	3245.2
61°	3245.2	3229.5	3206.1	3195.7	3186.6
61.5°	3184.0	3171.0	3147.5	3137.1	3129.3
62°	3124.1	3111.1	3087.7	3078.5	3070.7
62.5°	3062.9	3049.9	3026.5	3017.4	3009.5
63°	3001.7	2988.7	2966.6	2957.5	2949.7
63.5°	2939.3	2926.2	2905.4	2896.3	2888.5
64°	2876.8	2863.8	2841.6	2835.1	2826.0
64.5°	2814.3	2801.3	2779.1	2772.6	2764.8
65°	2750.5	2740.1	2719.3	2711.5	2706.3
65.5°	2688.0	2675.0	2655.5	2649.0	2641.2
66°	2621.6	2611.2	2591.7	2585.2	2580.0





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	2429.0	2417.3	2400.3	2393.8	2387.3
68°	2362.6	2352.2	2335.3	2330.1	2323.5
68.5°	2296.2	2285.8	2268.9	2265.0	2261.1
69°	2229.8	2219.4	2205.1	2201.2	2196.0
69.5°	2164.7	2154.3	2141.3	2137.4	2130.9
70°	2098.4	2089.2	2076.2	2072.3	2065.8
70.5°	2032.0	2022.9	2011.1	2007.2	2000.7
71°	1965.6	1957.8	1947.4	1942.1	1935.6
71.5°	1900.5	1892.7	1881.0	1877.1	1871.9
72°	1834.1	1827.6	1815.9	1813.3	1806.8
72.5°	1767.7	1762.5	1750.8	1748.2	1743.0
73°	1701.3	1696.1	1684.4	1681.8	1677.9
73.5°	1636.2	1631.0	1620.6	1616.7	1612.8
74°	1571.2	1567.3	1556.8	1554.2	1549.0
74.5°	1504.8	1502.2	1493.1	1489.2	1485.2
75°	1438.4	1438.4	1429.3	1426.7	1422.8
75.5°	1374.6	1374.6	1365.5	1362.9	1359.0
76°	1310.8	1310.8	1301.7	1299.2	1294.0
76.5°	1246.4	1246.9	1239.2	1236.5	1232.2
77°	1184.7	1185.2	1178.3	1174.8	1170.5
77.5°	1118.7	1121.8	1116.1	1113.0	1108.7
78°	1057.1	1061.0	1055.2	1052.7	1049.0
78.5°	999.1	1001.5	997.8	994.8	989.7
79°	938.3	940.2	937.8	935.1	930.2
79.5°	878.4	881.6	880.0	877.6	871.9
80°	821.0	823.3	823.7	820.2	814.9
80.5°	760.6	765.4	766.2	762.7	759.9
81°	704.7	709.3	710.6	708.5	704.9
81.5°	649.8	655.1	656.3	655.1	650.5
82°	594.8	601.3	603.2	602.3	597.1
82.5°	542.2	549.5	551.5	550.8	545.9
83°	491.1	499.1	501.0	501.7	497.3
83.5°	441.8	449.3	451.8	452.6	447.8
84°	394.4	401.2	404.3	405.6	401.6
84.5°	349.4	354.8	358.6	360.3	358.4
85°	306.9	310.8	314.4	316.7	314.0
85.5°	265.8	268.9	271.5	275.2	273.0
86°	227.5	230.7	232.5	235.3	235.3
86.5°	191.1	192.5	194.0	197.3	197.3
87°	156.2	156.3	156.9	161.2	161.3
87.5°	120.5	121.6	122.1	125.9	127.2
88°	85.0	88.0	88.8	92.3	92.0
88.5°	60.1	60.1	60.0	63.5	64.3



TEST NUMBER: P#

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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	2.9	2.7	2.9	3.0	2.7
90.5°	0.9	0.8	0.9	1.0	0.9
91°	0.9	0.8	0.8	0.9	0.8
91.5°	1.2	0.9	1.0	0.8	0.7
92°	0.9	0.9	0.9	1.0	0.9
92.5°	1.0	0.9	0.9	1.0	0.9
93°	1.0	1.0	1.0	0.9	0.8
93.5°	1.2	0.9	1.0	1.0	1.2
94°	1.2	1.0	1.2	1.0	1.3
94.5°	1.2	1.2	1.0	1.2	1.2
95°	1.2	0.9	1.2	1.0	1.3
95.5°	1.0	1.2	1.3	1.2	1.3
96°	1.4	1.4	1.2	1.2	1.3
96.5°	1.4	1.3	1.3	1.2	1.3
97°	1.4	1.3	1.4	1.2	1.6
97.5°	1.6	1.3	1.3	1.2	1.6
98°	1.7	1.4	1.4	1.4	1.7
98.5°	1.7	1.4	1.3	1.3	1.6
99°	1.6	1.6	1.4	1.3	1.4
99.5°	1.7	1.3	1.6	1.4	1.4
100°	1.7	1.6	1.6	1.6	1.7
100.5°	1.7	1.7	1.6	1.7	1.7
101°	1.8	1.6	1.6	1.6	1.6
101.5°	2.0	1.6	1.7	1.7	1.8
102°	2.1	1.7	1.8	1.7	1.8
102.5°	1.8	1.7	1.7	1.8	1.8
103°	1.8	1.6	1.8	1.7	1.8
103.5°	2.0	2.0	1.8	1.8	1.7
104°	2.2	2.0	2.0	1.8	1.7
104.5°	2.0	2.1	2.1	2.1	1.8
105°	2.3	2.1	2.0	2.2	2.2
105.5°	2.2	1.8	2.1	2.0	2.0
106°	2.1	2.1	2.2	2.2	2.3
106.5°	2.3	2.1	2.2	2.1	2.0
107°	2.2	2.2	2.3	2.3	2.1
107.5°	2.5	2.2	2.3	2.5	2.3
108°	2.5	2.2	2.1	2.5	2.2
108.5°	2.5	2.5	2.5	2.3	2.2
109°	2.6	2.5	2.5	2.5	2.6
109.5°	2.7	2.3	2.7	2.6	2.3
110°	2.6	2.6	2.6	2.7	2.6
110.5°	2.7	2.6	2.7	2.7	2.9
111°	2.7	2.9	2.9	2.9	2.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L840-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	3.1	3.3	3.4	3.3	3.0
113°	3.5	3.1	3.1	3.3	3.3
113.5°	3.5	3.5	3.5	3.6	3.6
114°	3.6	3.6	3.8	3.8	3.6
114.5°	3.9	3.9	3.8	3.8	3.5
115°	3.9	3.9	3.8	3.9	3.8
115.5°	4.3	3.9	4.2	4.0	3.8
116°	4.2	4.3	4.3	4.2	4.0
116.5°	4.4	4.4	4.4	4.4	4.3
117°	4.7	4.7	4.7	4.7	4.2
117.5°	4.9	4.7	4.8	4.7	4.4
118°	4.9	4.8	5.1	4.8	4.6
118.5°	5.3	5.1	5.1	4.9	4.8
119°	5.3	5.3	5.5	5.1	5.1
119.5°	5.5	5.5	5.5	5.3	5.2
120°	5.7	5.7	5.6	5.5	5.6
120.5°	5.9	5.6	5.9	5.7	5.6
121°	5.9	5.9	5.9	5.9	5.6
121.5°	6.5	6.2	6.1	5.9	5.9
122°	6.1	6.5	6.2	6.1	6.2
122.5°	6.6	6.5	6.4	6.4	6.1
123°	6.8	6.8	6.5	6.5	6.4
123.5°	6.8	7.0	6.6	6.4	6.6
124°	6.9	7.0	6.9	6.6	6.6
124.5°	7.3	7.0	6.9	6.8	6.8
125°	7.5	7.3	7.2	7.0	7.0
125.5°	7.5	7.4	7.2	7.0	7.2
126°	7.5	7.3	7.2	7.2	7.0
126.5°	7.3	7.4	7.5	7.2	7.3
127°	7.5	7.5	7.3	7.2	7.0
127.5°	7.8	7.7	7.5	7.2	7.0
128°	7.8	7.4	7.4	7.2	7.3
128.5°	7.5	7.5	7.3	7.0	7.3
129°	7.4	7.4	7.3	7.2	7.0
129.5°	7.3	7.4	7.3	7.2	7.2
130°	7.3	7.4	7.2	6.9	7.0
130.5°	7.5	7.3	7.3	6.6	7.0
131°	7.2	7.2	7.2	6.8	6.9
131.5°	7.3	7.0	6.8	6.6	6.8
132°	7.2	6.9	6.9	6.6	6.6
132.5°	7.2	6.9	6.8	6.6	6.8
133°	6.9	6.6	6.6	6.2	6.5
133.5°	7.0	6.6	6.4	6.1	6.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L840-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	6.8	6.4	6.1	6.0	6.5
135.5°	6.4	6.5	6.1	5.9	6.2
136°	6.2	6.1	5.9	5.6	6.2
136.5°	6.4	6.1	5.9	5.6	6.1
137°	6.2	6.0	5.9	5.6	6.0
137.5°	6.1	5.9	5.7	5.3	5.7
138°	6.0	5.7	5.5	5.3	5.7
138.5°	6.1	5.7	5.6	5.2	5.6
139°	5.3	5.6	5.5	4.9	5.7
139.5°	5.7	5.3	5.2	5.1	5.6
140°	5.6	5.2	5.3	4.9	5.2
140.5°	5.6	5.2	5.2	4.9	5.2
141°	5.3	5.2	5.1	4.7	4.9
141.5°	4.9	5.2	5.2	4.7	4.9
142°	4.8	4.8	5.1	4.8	4.6
142.5°	4.8	5.1	4.9	4.7	4.6
143°	5.1	4.9	4.9	4.8	4.6
143.5°	5.1	4.9	4.9	4.6	4.6
144°	5.1	4.7	5.1	4.4	4.7
144.5°	4.8	4.7	4.8	4.6	4.7
145°	4.9	4.7	4.8	4.3	4.7
145.5°	4.8	4.6	4.7	4.3	4.9
146°	4.8	4.6	4.4	4.3	4.7
146.5°	4.9	4.6	4.4	4.3	4.7
147°	4.8	4.6	4.3	4.4	4.4
147.5°	4.7	4.6	4.3	4.4	4.8
148°	4.8	4.6	4.4	4.3	4.8
148.5°	4.9	4.7	4.4	4.3	4.8
149°	4.8	4.6	4.4	4.3	4.8
149.5°	5.1	4.4	4.4	4.3	4.9
150°	4.9	4.7	4.4	4.3	4.8
150.5°	4.8	4.6	4.4	4.4	4.8
151°	5.1	4.6	4.3	4.4	5.1
151.5°	4.9	4.7	4.3	4.4	5.1
152°	5.1	4.7	4.6	4.7	4.8
152.5°	5.1	4.8	4.4	4.6	5.1
153°	4.9	4.7	4.6	4.8	5.2
153.5°	5.3	4.8	4.4	4.7	5.1
154°	5.1	4.8	4.7	4.7	5.1
154.5°	5.1	4.7	4.7	4.9	5.2
155°	4.8	4.8	4.8	4.9	5.3
155.5°	5.1	4.7	4.7	4.8	5.2
156°	4.8	4.8	4.8	4.8	5.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L840-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	4.8	4.6	4.7	4.9	5.1
158°	5.2	4.8	4.7	4.8	5.2
158.5°	4.9	4.8	4.6	4.8	5.1
159°	5.1	4.8	4.7	4.8	5.3
159.5°	4.9	4.7	4.7	4.8	5.5
160°	4.9	4.8	4.6	4.8	5.2
160.5°	4.8	4.7	4.7	4.9	5.2
161°	4.8	4.7	4.7	4.9	5.2
161.5°	4.9	4.8	4.7	4.7	4.9
162°	4.8	4.7	4.8	4.9	4.9
162.5°	5.1	4.9	4.8	4.8	5.1
163°	5.1	4.8	4.9	4.9	4.9
163.5°	4.9	4.8	4.9	4.9	5.3
164°	4.8	4.9	4.8	5.2	5.2
164.5°	4.7	5.1	4.9	5.2	5.3
165°	4.8	4.8	4.7	5.1	5.2
165.5°	4.6	4.8	4.7	5.5	5.2
166°	4.9	4.9	4.8	5.2	5.1
166.5°	4.9	4.8	4.7	5.3	4.8
167°	4.8	5.2	4.8	5.5	5.3
167.5°	4.9	5.2	4.9	5.6	5.3
168°	5.1	5.1	4.8	5.5	5.2
168.5°	4.9	5.3	5.1	5.9	5.3
169°	5.3	5.2	4.8	5.9	5.3
169.5°	5.2	5.2	4.9	5.7	5.5
170°	5.3	5.2	5.1	5.9	5.3
170.5°	5.3	5.5	5.1	5.9	5.6
171°	5.3	5.3	5.3	5.9	5.7
171.5°	5.2	5.3	5.3	6.0	5.5
172°	5.2	5.3	5.5	6.0	5.6
172.5°	5.5	5.5	5.6	6.0	5.6
173°	5.2	5.2	5.6	6.0	5.7
173.5°	5.6	5.5	5.7	5.9	5.9
174°	5.7	5.7	6.1	6.0	5.7
174.5°	5.7	6.0	6.0	6.2	6.0
175°	6.1	6.0	6.1	6.2	5.9
175.5°	6.1	6.0	6.4	6.1	6.1
176°	6.4	6.2	6.1	6.0	6.0
176.5°	6.5	6.1	6.2	5.7	6.0
177°	6.2	6.1	5.9	5.7	6.0
177.5°	6.4	6.1	5.7	5.6	6.1
178°	6.0	5.9	5.6	5.6	5.7
178.5°	5.9	5.7	5.5	5.5	5.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L840-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	5.1	5.1	5.1	5.1	5.1



Report Generated By 670246072 / DESKTOP-MV3F9LC







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







21.5°	5350.0	5343.5	5317.5	5292.7	5282.3
22°	5347.4	5340.9	5313.6	5288.8	5278.4



44°	4789.0	4769.5	4730.4	4707.0	4691.4
44.5°	4759.0	4738.2	4701.8	4677.0	4661.4



66.5°	2557.9	2547.4	2527.9	2521.4	2514.9
67°	2494.1	2482.4	2464.1	2457.6	2452.4



89°	38.0	37.4	37.0	38.9	39.4
89.5°	16.8	17.1	16.7	17.8	17.6



111.5°	3.3	2.9	3.0	3.0	2.9
112°	3.3	3.0	3.0	3.0	3.3





134°	6.6	6.5	6.4	6.2	6.6
134.5°	6.8	6.4	6.4	6.0	6.2



156.5°	5.1	4.7	4.8	4.9	5.1
157°	4.9	4.7	4.8	4.8	5.1



179°	5.6	5.5	5.2	5.3	5.6
179.5°	4.9	5.2	5.1	4.9	5.3



(END OF REPORT)