

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-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**

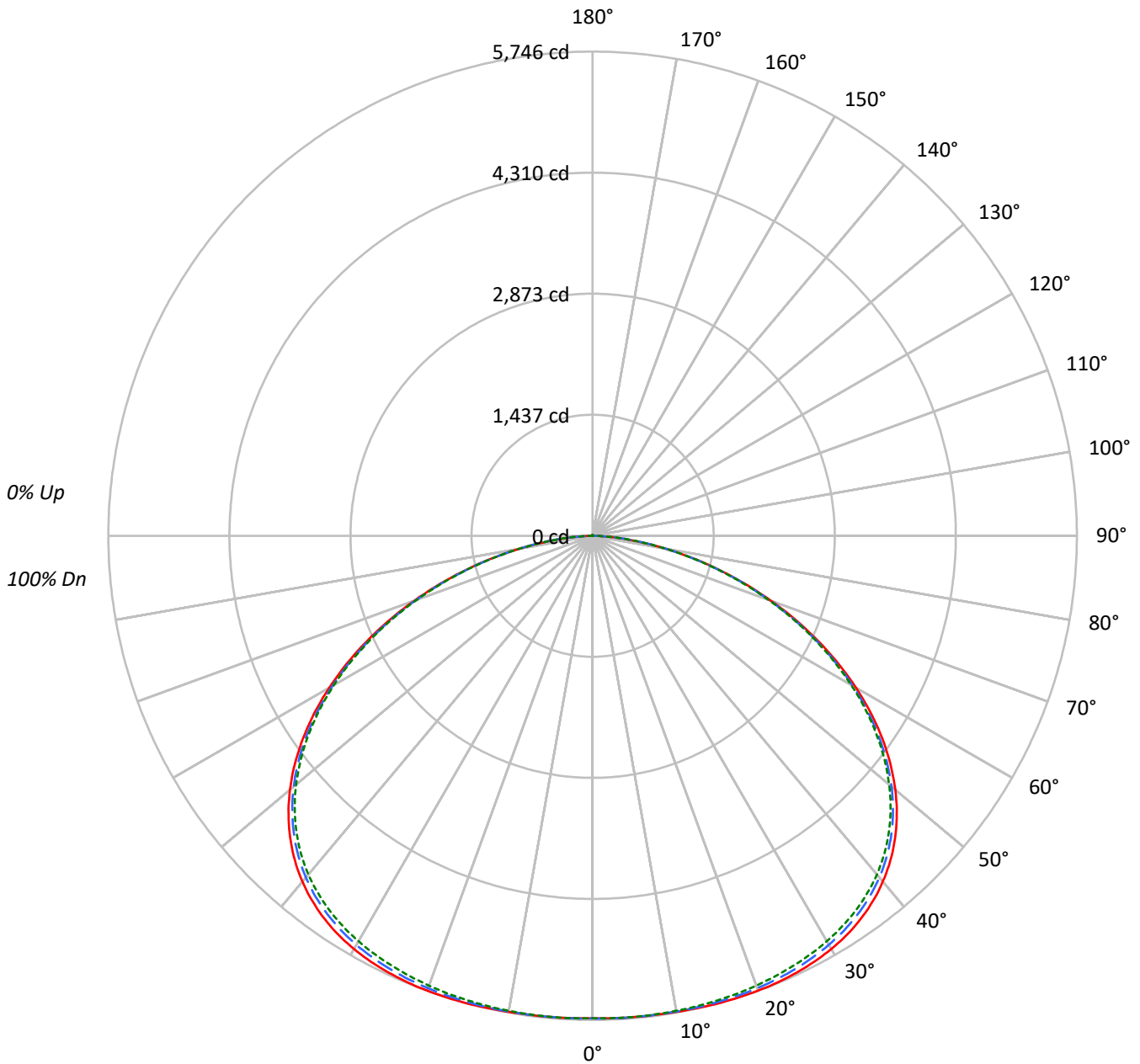
Test Method: LM-79-08  
Report Number: P#  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA ( 13890049.01)  
Test Lab: INNOVATION CENTER  
Issue Date: 9/24/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: 44ID-200-L850-CFR2  
Description: 20000 LUMEN 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: 20737.0 lumens  
Efficiency: N/A  
Efficacy: 126.3 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): 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-L850-CFR2

### 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°	4088	4088	4088
5°	4108	4108	4107
10°	4160	4156	4150
15°	4246	4235	4220
20°	4364	4340	4316
25°	4507	4472	4436
30°	4668	4621	4579
35°	4835	4779	4737
40°	4992	4932	4891
45°	5123	5060	5018
50°	5206	5143	5101
55°	5223	5158	5120
60°	5153	5090	5060
65°	4986	4929	4906
70°	4700	4650	4627
75°	4257	4230	4211
80°	3622	3634	3595
85°	2698	2763	2760



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	547.2	2.6
10°-20°	1623.2	7.8
20°-30°	2624.0	12.7
30°-40°	3436.9	16.6
40°-50°	3865.8	18.6
50°-60°	3699.2	17.8
60°-70°	2885.1	13.9
70°-80°	1625.9	7.8
80°-90°	402.3	1.9
90°-100°	1.4	0.0
100°-110°	2.3	0.0
110°-120°	4.2	0.0
120°-130°	6.6	0.0
130°-140°	5.2	0.0
140°-150°	3.2	0.0
150°-160°	2.4	0.0
160°-170°	1.5	0.0
170°-180°	0.6	0.0
0°-30°	4794.4	23.1
0°-40°	8231.2	39.7
0°-60°	15796.3	76.2
0°-90°	20709.6	99.9
90°-120°	8.0	0.0
90°-150°	22.9	0.1
90°-180°	27.0	0.1
0°-180°	20737.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	5727	5727	5727	5727	5727	
5°	5732	5734	5732	5732	5731	547
15°	5745	5744	5730	5717	5710	1628
25°	5721	5712	5677	5644	5632	2644
35°	5548	5530	5484	5450	5435	3473
45°	5075	5052	5012	4988	4970	3909
55°	4196	4174	4144	4126	4114	3740
65°	2952	2940	2918	2910	2904	2914
75°	1544	1544	1534	1531	1527	1636
85°	329	334	337	340	337	382
90°	3	3	3	3	3	16
95°	1	1	1	1	1	1
105°	2	2	2	2	2	2
115°	4	4	4	4	4	4
125°	8	8	8	8	8	7
135°	7	7	7	6	7	5
145°	5	5	5	5	5	3
155°	5	5	5	5	6	2
165°	5	5	5	5	6	1
175°	7	6	7	7	6	1
180°	5	5	5	5	5	



TEST NUMBER: P#

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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	5727.0	5727.0	5727.0	5727.0	5727.0
0.5°	5725.6	5729.8	5731.1	5729.8	5727.0
1°	5727.0	5729.8	5731.1	5731.1	5728.4
1.5°	5728.4	5731.1	5731.1	5731.1	5729.8
2°	5728.4	5731.1	5731.1	5732.5	5729.8
2.5°	5729.8	5732.5	5732.5	5732.5	5729.8
3°	5731.1	5732.5	5732.5	5732.5	5731.1
3.5°	5731.1	5732.5	5732.5	5732.5	5731.1
4°	5732.5	5732.5	5732.5	5732.5	5731.1
4.5°	5732.5	5733.9	5732.5	5732.5	5731.1
5°	5732.5	5733.9	5732.5	5732.5	5731.1
5.5°	5732.5	5733.9	5732.5	5732.5	5731.1
6°	5733.9	5733.9	5732.5	5732.5	5729.8
6.5°	5733.9	5735.3	5733.9	5732.5	5729.8
7°	5733.9	5735.3	5732.5	5732.5	5729.8
7.5°	5733.9	5735.3	5732.5	5731.1	5728.4
8°	5735.3	5735.3	5733.9	5731.1	5728.4
8.5°	5735.3	5736.7	5732.5	5731.1	5727.0
9°	5736.7	5736.7	5733.9	5729.8	5727.0
9.5°	5736.7	5738.1	5732.5	5729.8	5725.6
10°	5738.1	5738.1	5732.5	5728.4	5724.2
10.5°	5739.5	5739.5	5732.5	5728.4	5724.2
11°	5739.5	5739.5	5732.5	5727.0	5722.8
11.5°	5740.9	5740.9	5732.5	5725.6	5721.4
12°	5740.9	5740.9	5732.5	5725.6	5720.0
12.5°	5742.3	5740.9	5731.1	5724.2	5718.6
13°	5742.3	5740.9	5731.1	5722.8	5717.2
13.5°	5743.7	5742.3	5731.1	5721.4	5715.8
14°	5743.7	5742.3	5731.1	5720.0	5713.0
14.5°	5745.1	5742.3	5729.8	5718.6	5711.6
15°	5745.1	5743.7	5729.8	5717.2	5710.2
15.5°	5746.5	5743.7	5728.4	5714.4	5707.4
16°	5745.1	5743.7	5727.0	5713.0	5704.6
16.5°	5746.5	5743.7	5727.0	5710.2	5701.8
17°	5746.5	5742.3	5725.6	5707.4	5700.4
17.5°	5746.5	5742.3	5722.8	5706.0	5697.6
18°	5746.5	5742.3	5721.4	5703.2	5693.4
18.5°	5746.5	5740.9	5720.0	5700.4	5690.6
19°	5745.1	5740.9	5718.6	5697.6	5687.8
19.5°	5745.1	5739.5	5715.8	5693.4	5683.7
20°	5743.7	5738.1	5713.0	5690.6	5680.9
20.5°	5742.3	5736.7	5711.6	5687.8	5676.7
21°	5742.3	5735.3	5708.8	5683.7	5672.5



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	5736.7	5728.4	5699.0	5671.1	5658.5
23°	5733.9	5725.6	5694.8	5666.9	5654.3
23.5°	5731.1	5722.8	5690.6	5661.3	5648.7
24°	5728.4	5720.0	5686.4	5655.7	5643.1
24.5°	5725.6	5715.8	5682.3	5650.1	5637.6
25°	5721.4	5711.6	5676.7	5644.5	5632.0
25.5°	5717.2	5707.4	5671.1	5639.0	5625.0
26°	5713.0	5703.2	5665.5	5633.4	5619.4
26.5°	5708.8	5697.6	5659.9	5626.4	5612.4
27°	5703.2	5692.0	5652.9	5619.4	5605.4
27.5°	5697.6	5686.4	5645.9	5612.4	5598.4
28°	5692.0	5679.5	5639.0	5605.4	5591.5
28.5°	5685.1	5672.5	5632.0	5597.1	5583.1
29°	5678.1	5665.5	5623.6	5588.7	5574.7
29.5°	5671.1	5657.1	5615.2	5580.3	5564.9
30°	5662.7	5648.7	5605.4	5570.5	5555.1
30.5°	5654.3	5640.4	5595.7	5560.7	5546.8
31°	5644.5	5630.6	5585.9	5551.0	5535.6
31.5°	5636.2	5620.8	5574.7	5541.2	5525.8
32°	5625.0	5609.6	5564.9	5530.0	5514.6
32.5°	5613.8	5598.4	5552.4	5517.4	5502.1
33°	5602.6	5585.9	5539.8	5506.3	5489.5
33.5°	5590.1	5573.3	5527.2	5493.7	5476.9
34°	5576.1	5559.3	5513.2	5479.7	5464.4
34.5°	5562.1	5545.4	5499.3	5465.8	5450.4
35°	5548.2	5530.0	5483.9	5450.4	5435.0
35.5°	5532.8	5514.6	5468.5	5435.0	5419.7
36°	5517.4	5497.9	5451.8	5419.7	5402.9
36.5°	5499.3	5481.1	5435.0	5402.9	5387.5
37°	5481.1	5463.0	5416.9	5384.7	5369.4
37.5°	5463.0	5443.4	5398.7	5366.6	5349.8
38°	5443.4	5425.2	5379.1	5348.4	5331.7
38.5°	5423.8	5404.3	5358.2	5327.5	5312.1
39°	5402.9	5381.9	5337.2	5307.9	5291.1
39.5°	5380.5	5359.6	5316.3	5285.6	5270.2
40°	5356.8	5337.2	5292.5	5263.2	5247.8
40.5°	5334.5	5313.5	5268.8	5240.9	5224.1
41°	5309.3	5288.4	5245.1	5215.7	5199.0
41.5°	5282.8	5261.8	5218.5	5190.6	5173.8
42°	5256.2	5235.3	5192.0	5165.4	5147.3
42.5°	5228.3	5207.3	5164.0	5137.5	5120.7
43°	5200.4	5178.0	5136.1	5109.6	5092.8
43.5°	5171.0	5148.7	5106.8	5080.2	5063.5



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	5074.6	5052.3	5011.8	4988.0	4969.9
45.5°	5041.1	5017.4	4978.3	4954.5	4937.8
46°	5006.2	4982.5	4943.3	4919.6	4902.8
46.5°	4969.9	4946.1	4908.4	4884.7	4867.9
47°	4932.2	4909.8	4870.7	4849.8	4831.6
47.5°	4894.5	4870.7	4833.0	4812.0	4793.9
48°	4856.7	4831.6	4795.3	4772.9	4754.8
48.5°	4816.2	4792.5	4756.2	4735.2	4718.5
49°	4772.9	4750.6	4714.3	4691.9	4676.5
49.5°	4731.0	4708.7	4672.4	4651.4	4634.6
50°	4687.7	4664.0	4630.5	4609.5	4592.7
50.5°	4643.0	4619.3	4585.8	4564.8	4549.4
51°	4598.3	4574.6	4541.1	4520.1	4503.3
51.5°	4550.8	4527.1	4493.6	4474.0	4458.6
52°	4503.3	4479.6	4446.1	4427.9	4412.6
52.5°	4455.9	4432.1	4398.6	4379.0	4365.1
53°	4404.2	4381.8	4351.1	4332.9	4317.6
53.5°	4352.5	4330.1	4299.4	4281.2	4267.3
54°	4300.8	4278.5	4247.7	4229.6	4217.0
54.5°	4250.5	4226.8	4197.4	4179.3	4166.7
55°	4196.0	4173.7	4144.4	4126.2	4113.6
55.5°	4141.6	4119.2	4089.9	4071.7	4060.6
56°	4084.3	4063.3	4034.0	4018.6	4007.5
56.5°	4027.0	4007.5	3978.1	3962.8	3951.6
57°	3971.2	3950.2	3922.3	3908.3	3897.1
57.5°	3915.3	3892.9	3865.0	3851.0	3839.9
58°	3853.8	3832.9	3806.3	3792.4	3782.6
58.5°	3793.8	3774.2	3746.3	3733.7	3723.9
59°	3733.7	3714.1	3687.6	3675.0	3665.3
59.5°	3670.8	3652.7	3626.1	3613.6	3603.8
60°	3609.4	3589.8	3564.7	3553.5	3543.7
60.5°	3546.5	3529.8	3503.2	3492.0	3482.3
61°	3482.3	3465.5	3440.4	3429.2	3419.4
61.5°	3416.6	3402.7	3377.5	3366.3	3358.0
62°	3352.4	3338.4	3313.3	3303.5	3295.1
62.5°	3286.7	3272.7	3247.6	3237.8	3229.4
63°	3221.1	3207.1	3183.4	3173.6	3165.2
63.5°	3154.0	3140.0	3117.7	3107.9	3099.5
64°	3087.0	3073.0	3049.3	3042.3	3032.5
64.5°	3019.9	3006.0	2982.2	2975.2	2966.8
65°	2951.5	2940.3	2918.0	2909.6	2904.0
65.5°	2884.4	2870.5	2849.5	2842.5	2834.1
66°	2813.2	2802.0	2781.1	2774.1	2768.5





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	2606.5	2593.9	2575.7	2568.7	2561.8
68°	2535.2	2524.1	2505.9	2500.3	2493.3
68.5°	2464.0	2452.8	2434.7	2430.5	2426.3
69°	2392.8	2381.6	2366.2	2362.0	2356.4
69.5°	2322.9	2311.7	2297.8	2293.6	2286.6
70°	2251.7	2241.9	2227.9	2223.7	2216.8
70.5°	2180.4	2170.7	2158.1	2153.9	2146.9
71°	2109.2	2100.8	2089.6	2084.1	2077.1
71.5°	2039.4	2031.0	2018.4	2014.2	2008.6
72°	1968.1	1961.1	1948.6	1945.8	1938.8
72.5°	1896.9	1891.3	1878.7	1875.9	1870.3
73°	1825.6	1820.1	1807.5	1804.7	1800.5
73.5°	1755.8	1750.2	1739.0	1734.8	1730.7
74°	1686.0	1681.8	1670.6	1667.8	1662.2
74.5°	1614.7	1611.9	1602.2	1598.0	1593.8
75°	1543.5	1543.5	1533.7	1530.9	1526.7
75.5°	1475.0	1475.0	1465.3	1462.5	1458.3
76°	1406.6	1406.6	1396.8	1394.2	1388.6
76.5°	1337.5	1338.0	1329.8	1326.8	1322.2
77°	1271.2	1271.8	1264.4	1260.6	1256.0
77.5°	1200.4	1203.8	1197.6	1194.3	1189.7
78°	1134.4	1138.5	1132.3	1129.6	1125.7
78.5°	1072.1	1074.7	1070.7	1067.4	1062.0
79°	1006.8	1008.9	1006.3	1003.5	998.2
79.5°	942.6	946.1	944.2	941.7	935.6
80°	881.0	883.5	883.9	880.1	874.4
80.5°	816.2	821.3	822.2	818.4	815.5
81°	756.2	761.1	762.5	760.3	756.4
81.5°	697.3	703.0	704.3	703.0	698.0
82°	638.2	645.2	647.3	646.3	640.7
82.5°	581.8	589.6	591.8	591.0	585.8
83°	527.0	535.5	537.6	538.3	533.6
83.5°	474.1	482.2	484.8	485.7	480.5
84°	423.2	430.5	433.9	435.2	430.9
84.5°	374.9	380.8	384.8	386.6	384.5
85°	329.4	333.6	337.3	339.8	336.9
85.5°	285.2	288.6	291.4	295.3	292.9
86°	244.2	247.5	249.5	252.5	252.5
86.5°	205.1	206.6	208.1	211.8	211.8
87°	167.6	167.8	168.3	172.9	173.1
87.5°	129.3	130.5	131.0	135.1	136.5
88°	91.2	94.4	95.3	99.0	98.8
88.5°	64.5	64.5	64.4	68.2	69.0



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	3.1	2.9	3.1	3.2	2.9
90.5°	1.0	0.8	1.0	1.1	1.0
91°	1.0	0.8	0.8	1.0	0.8
91.5°	1.3	1.0	1.1	0.8	0.7
92°	1.0	1.0	1.0	1.1	1.0
92.5°	1.1	1.0	1.0	1.1	1.0
93°	1.1	1.1	1.1	1.0	0.8
93.5°	1.3	1.0	1.1	1.1	1.3
94°	1.3	1.1	1.3	1.1	1.4
94.5°	1.3	1.3	1.1	1.3	1.3
95°	1.3	1.0	1.3	1.1	1.4
95.5°	1.1	1.3	1.4	1.3	1.4
96°	1.5	1.5	1.3	1.3	1.4
96.5°	1.5	1.4	1.4	1.3	1.4
97°	1.5	1.4	1.5	1.3	1.7
97.5°	1.7	1.4	1.4	1.3	1.7
98°	1.8	1.5	1.5	1.5	1.8
98.5°	1.8	1.5	1.4	1.4	1.7
99°	1.7	1.7	1.5	1.4	1.5
99.5°	1.8	1.4	1.7	1.5	1.5
100°	1.8	1.7	1.7	1.7	1.8
100.5°	1.8	1.8	1.7	1.8	1.8
101°	2.0	1.7	1.7	1.7	1.7
101.5°	2.1	1.7	1.8	1.8	2.0
102°	2.2	1.8	2.0	1.8	2.0
102.5°	2.0	1.8	1.8	2.0	2.0
103°	2.0	1.7	2.0	1.8	2.0
103.5°	2.1	2.1	2.0	2.0	1.8
104°	2.4	2.1	2.1	2.0	1.8
104.5°	2.1	2.2	2.2	2.2	2.0
105°	2.5	2.2	2.1	2.4	2.4
105.5°	2.4	2.0	2.2	2.1	2.1
106°	2.2	2.2	2.4	2.4	2.5
106.5°	2.5	2.2	2.4	2.2	2.1
107°	2.4	2.4	2.5	2.5	2.2
107.5°	2.7	2.4	2.5	2.7	2.5
108°	2.7	2.4	2.2	2.7	2.4
108.5°	2.7	2.7	2.7	2.5	2.4
109°	2.8	2.7	2.7	2.7	2.8
109.5°	2.9	2.5	2.9	2.8	2.5
110°	2.8	2.8	2.8	2.9	2.8
110.5°	2.9	2.8	2.9	2.9	3.1
111°	2.9	3.1	3.1	3.1	2.9



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L850-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	3.4	3.5	3.6	3.5	3.2
113°	3.8	3.4	3.4	3.5	3.5
113.5°	3.8	3.8	3.8	3.9	3.9
114°	3.9	3.9	4.1	4.1	3.9
114.5°	4.2	4.2	4.1	4.1	3.8
115°	4.2	4.2	4.1	4.2	4.1
115.5°	4.6	4.2	4.5	4.3	4.1
116°	4.5	4.6	4.6	4.5	4.3
116.5°	4.7	4.7	4.7	4.7	4.6
117°	5.0	5.0	5.0	5.0	4.5
117.5°	5.3	5.0	5.2	5.0	4.7
118°	5.3	5.2	5.4	5.2	4.9
118.5°	5.7	5.4	5.4	5.3	5.2
119°	5.7	5.7	5.9	5.4	5.4
119.5°	5.9	5.9	5.9	5.7	5.6
120°	6.1	6.1	6.0	5.9	6.0
120.5°	6.3	6.0	6.3	6.1	6.0
121°	6.3	6.3	6.3	6.3	6.0
121.5°	7.0	6.7	6.6	6.3	6.3
122°	6.6	7.0	6.7	6.6	6.7
122.5°	7.1	7.0	6.8	6.8	6.6
123°	7.3	7.3	7.0	7.0	6.8
123.5°	7.3	7.5	7.1	6.8	7.1
124°	7.4	7.5	7.4	7.1	7.1
124.5°	7.8	7.5	7.4	7.3	7.3
125°	8.1	7.8	7.7	7.5	7.5
125.5°	8.1	8.0	7.7	7.5	7.7
126°	8.1	7.8	7.7	7.7	7.5
126.5°	7.8	8.0	8.1	7.7	7.8
127°	8.1	8.1	7.8	7.7	7.5
127.5°	8.4	8.2	8.1	7.7	7.5
128°	8.4	8.0	8.0	7.7	7.8
128.5°	8.1	8.1	7.8	7.5	7.8
129°	8.0	8.0	7.8	7.7	7.5
129.5°	7.8	8.0	7.8	7.7	7.7
130°	7.8	8.0	7.7	7.4	7.5
130.5°	8.1	7.8	7.8	7.1	7.5
131°	7.7	7.7	7.7	7.3	7.4
131.5°	7.8	7.5	7.3	7.1	7.3
132°	7.7	7.4	7.4	7.1	7.1
132.5°	7.7	7.4	7.3	7.1	7.3
133°	7.4	7.1	7.1	6.7	7.0
133.5°	7.5	7.1	6.8	6.6	7.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L850-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	7.3	6.8	6.6	6.4	7.0
135.5°	6.8	7.0	6.6	6.3	6.7
136°	6.7	6.6	6.3	6.0	6.7
136.5°	6.8	6.6	6.3	6.0	6.6
137°	6.7	6.4	6.3	6.0	6.4
137.5°	6.6	6.3	6.1	5.7	6.1
138°	6.4	6.1	5.9	5.7	6.1
138.5°	6.6	6.1	6.0	5.6	6.0
139°	5.7	6.0	5.9	5.3	6.1
139.5°	6.1	5.7	5.6	5.4	6.0
140°	6.0	5.6	5.7	5.3	5.6
140.5°	6.0	5.6	5.6	5.3	5.6
141°	5.7	5.6	5.4	5.0	5.3
141.5°	5.3	5.6	5.6	5.0	5.3
142°	5.2	5.2	5.4	5.2	4.9
142.5°	5.2	5.4	5.3	5.0	4.9
143°	5.4	5.3	5.3	5.2	4.9
143.5°	5.4	5.3	5.3	4.9	4.9
144°	5.4	5.0	5.4	4.7	5.0
144.5°	5.2	5.0	5.2	4.9	5.0
145°	5.3	5.0	5.2	4.6	5.0
145.5°	5.2	4.9	5.0	4.6	5.3
146°	5.2	4.9	4.7	4.6	5.0
146.5°	5.3	4.9	4.7	4.6	5.0
147°	5.2	4.9	4.6	4.7	4.7
147.5°	5.0	4.9	4.6	4.7	5.2
148°	5.2	4.9	4.7	4.6	5.2
148.5°	5.3	5.0	4.7	4.6	5.2
149°	5.2	4.9	4.7	4.6	5.2
149.5°	5.4	4.7	4.7	4.6	5.3
150°	5.3	5.0	4.7	4.6	5.2
150.5°	5.2	4.9	4.7	4.7	5.2
151°	5.4	4.9	4.6	4.7	5.4
151.5°	5.3	5.0	4.6	4.7	5.4
152°	5.4	5.0	4.9	5.0	5.2
152.5°	5.4	5.2	4.7	4.9	5.4
153°	5.3	5.0	4.9	5.2	5.6
153.5°	5.7	5.2	4.7	5.0	5.4
154°	5.4	5.2	5.0	5.0	5.4
154.5°	5.4	5.0	5.0	5.3	5.6
155°	5.2	5.2	5.2	5.3	5.7
155.5°	5.4	5.0	5.0	5.2	5.6
156°	5.2	5.2	5.2	5.2	5.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L850-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	5.2	4.9	5.0	5.3	5.4
158°	5.6	5.2	5.0	5.2	5.6
158.5°	5.3	5.2	4.9	5.2	5.4
159°	5.4	5.2	5.0	5.2	5.7
159.5°	5.3	5.0	5.0	5.2	5.9
160°	5.3	5.2	4.9	5.2	5.6
160.5°	5.2	5.0	5.0	5.3	5.6
161°	5.2	5.0	5.0	5.3	5.6
161.5°	5.3	5.2	5.0	5.0	5.3
162°	5.2	5.0	5.2	5.3	5.3
162.5°	5.4	5.3	5.2	5.2	5.4
163°	5.4	5.2	5.3	5.3	5.3
163.5°	5.3	5.2	5.3	5.3	5.7
164°	5.2	5.3	5.2	5.6	5.6
164.5°	5.0	5.4	5.3	5.6	5.7
165°	5.2	5.2	5.0	5.4	5.6
165.5°	4.9	5.2	5.0	5.9	5.6
166°	5.3	5.3	5.2	5.6	5.4
166.5°	5.3	5.2	5.0	5.7	5.2
167°	5.2	5.6	5.2	5.9	5.7
167.5°	5.3	5.6	5.3	6.0	5.7
168°	5.4	5.4	5.2	5.9	5.6
168.5°	5.3	5.7	5.4	6.3	5.7
169°	5.7	5.6	5.2	6.3	5.7
169.5°	5.6	5.6	5.3	6.1	5.9
170°	5.7	5.6	5.4	6.3	5.7
170.5°	5.7	5.9	5.4	6.3	6.0
171°	5.7	5.7	5.7	6.3	6.1
171.5°	5.6	5.7	5.7	6.4	5.9
172°	5.6	5.7	5.9	6.4	6.0
172.5°	5.9	5.9	6.0	6.4	6.0
173°	5.6	5.6	6.0	6.4	6.1
173.5°	6.0	5.9	6.1	6.3	6.3
174°	6.1	6.1	6.6	6.4	6.1
174.5°	6.1	6.4	6.4	6.7	6.4
175°	6.6	6.4	6.6	6.7	6.3
175.5°	6.6	6.4	6.8	6.6	6.6
176°	6.8	6.7	6.6	6.4	6.4
176.5°	7.0	6.6	6.7	6.1	6.4
177°	6.7	6.6	6.3	6.1	6.4
177.5°	6.8	6.6	6.1	6.0	6.6
178°	6.4	6.3	6.0	6.0	6.1
178.5°	6.3	6.1	5.9	5.9	5.9



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L850-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	5.4	5.4	5.4	5.4	5.4



Report Generated By 670246072 / DESKTOP-MV3F9LC







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







21.5°	5740.9	5733.9	5706.0	5679.5	5668.3
22°	5738.1	5731.1	5701.8	5675.3	5664.1



44°	5138.9	5117.9	5076.0	5050.9	5034.1
44.5°	5106.8	5084.4	5045.3	5018.8	5002.0



66.5°	2744.7	2733.6	2712.6	2705.6	2698.7
67°	2676.3	2663.7	2644.2	2637.2	2631.6



89°	40.8	40.1	39.7	41.8	42.3
89.5°	18.0	18.3	17.9	19.1	18.9



111.5°	3.5	3.1	3.2	3.2	3.1
112°	3.5	3.2	3.2	3.2	3.5





134°	7.1	7.0	6.8	6.7	7.1
134.5°	7.3	6.8	6.8	6.4	6.7



156.5°	5.4	5.0	5.2	5.3	5.4
157°	5.3	5.0	5.2	5.2	5.4



179°	6.0	5.9	5.6	5.7	6.0
179.5°	5.3	5.6	5.4	5.3	5.7



(END OF REPORT)