

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-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-L850-CFD2
Description: 20000 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

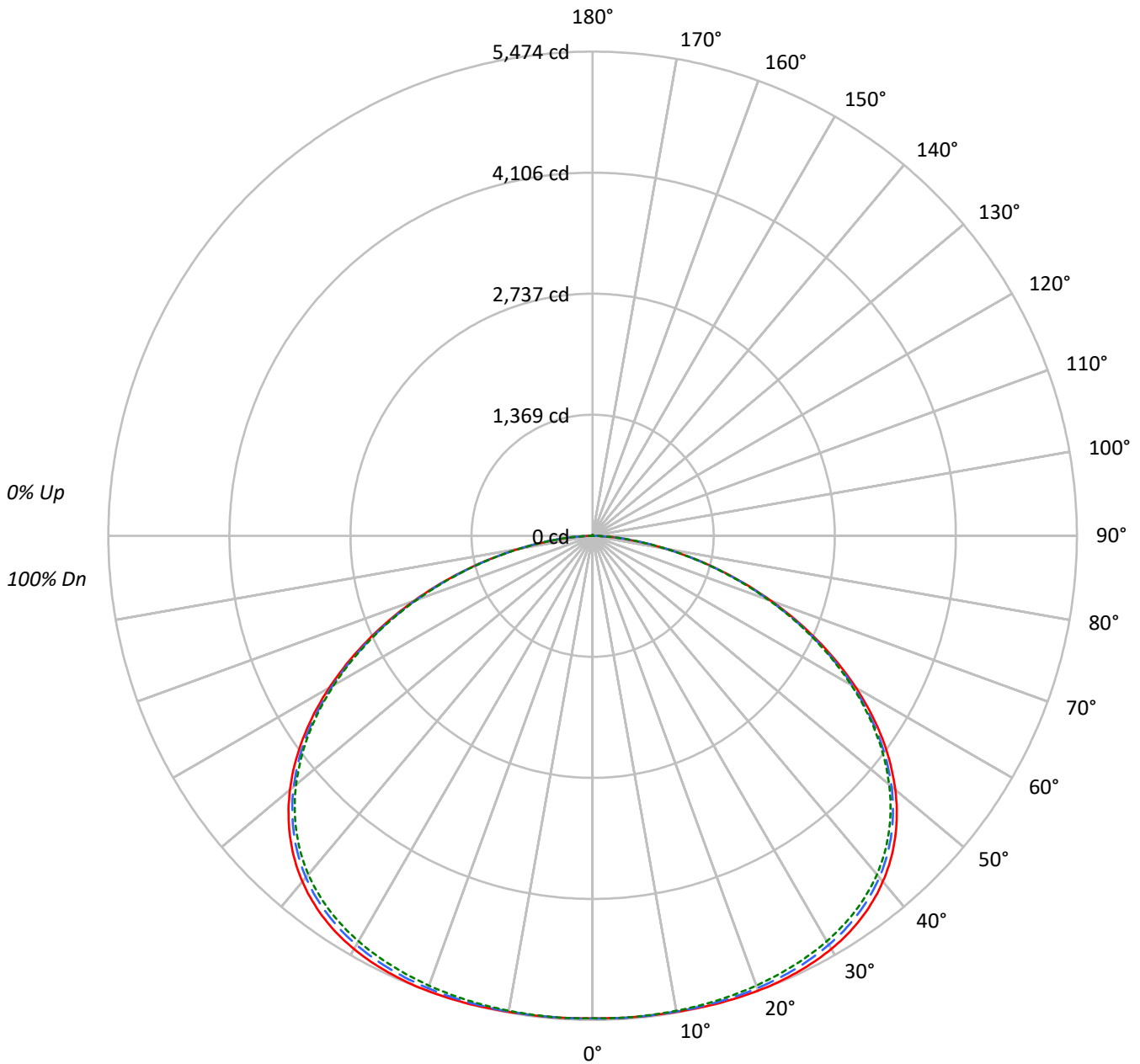
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19755.0 lumens
Efficiency: N/A
Efficacy: 120.3 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

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Luminous Intensity Polar Plot





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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°	3895	3895	3895
5°	3899	3893	3898
10°	3933	3917	3923
15°	3999	3970	3975
20°	4093	4045	4048
25°	4209	4143	4143
30°	4339	4253	4257
35°	4472	4367	4381
40°	4590	4471	4497
45°	4680	4544	4583
50°	4718	4569	4623
55°	4688	4522	4596
60°	4570	4387	4487
65°	4349	4155	4279
70°	4005	3797	3943
75°	3496	3286	3458
80°	2775	2575	2754
85°	1724	1554	1764



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	521.3	2.6
10°-20°	1546.3	7.8
20°-30°	2499.7	12.7
30°-40°	3274.1	16.6
40°-50°	3682.8	18.6
50°-60°	3524.0	17.8
60°-70°	2748.5	13.9
70°-80°	1548.9	7.8
80°-90°	383.3	1.9
90°-100°	1.4	0.0
100°-110°	2.2	0.0
110°-120°	4.0	0.0
120°-130°	6.3	0.0
130°-140°	5.0	0.0
140°-150°	3.0	0.0
150°-160°	2.3	0.0
160°-170°	1.4	0.0
170°-180°	0.6	0.0
0°-30°	4567.3	23.1
0°-40°	7841.5	39.7
0°-60°	15048.2	76.2
0°-90°	19728.9	99.9
90°-120°	7.6	0.0
90°-150°	21.9	0.1
90°-180°	26.0	0.1
0°-180°	19755.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	5456	5456	5456	5456	5456	
5°	5461	5462	5461	5461	5460	521
15°	5473	5472	5458	5446	5440	1551
25°	5450	5441	5408	5377	5365	2519
35°	5285	5268	5224	5192	5178	3309
45°	4834	4813	4774	4752	4734	3724
55°	3997	3976	3948	3931	3919	3563
65°	2812	2801	2780	2772	2766	2776
75°	1470	1470	1461	1458	1454	1558
85°	314	318	321	324	321	364
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	8	7	7	7	6
135°	7	6	6	6	7	5
145°	5	5	5	4	5	3
155°	5	5	5	5	6	2
165°	5	5	5	5	5	1
175°	6	6	6	6	6	1
180°	5	5	5	5	5	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	5455.8	5455.8	5455.8	5455.8	5455.8
0.5°	5454.4	5458.4	5459.7	5458.4	5455.8
1°	5455.8	5458.4	5459.7	5459.7	5457.1
1.5°	5457.1	5459.7	5459.7	5459.7	5458.4
2°	5457.1	5459.7	5459.7	5461.1	5458.4
2.5°	5458.4	5461.1	5461.1	5461.1	5458.4
3°	5459.7	5461.1	5461.1	5461.1	5459.7
3.5°	5459.7	5461.1	5461.1	5461.1	5459.7
4°	5461.1	5461.1	5461.1	5461.1	5459.7
4.5°	5461.1	5462.4	5461.1	5461.1	5459.7
5°	5461.1	5462.4	5461.1	5461.1	5459.7
5.5°	5461.1	5462.4	5461.1	5461.1	5459.7
6°	5462.4	5462.4	5461.1	5461.1	5458.4
6.5°	5462.4	5463.7	5462.4	5461.1	5458.4
7°	5462.4	5463.7	5461.1	5461.1	5458.4
7.5°	5462.4	5463.7	5461.1	5459.7	5457.1
8°	5463.7	5463.7	5462.4	5459.7	5457.1
8.5°	5463.7	5465.1	5461.1	5459.7	5455.8
9°	5465.1	5465.1	5462.4	5458.4	5455.8
9.5°	5465.1	5466.4	5461.1	5458.4	5454.4
10°	5466.4	5466.4	5461.1	5457.1	5453.1
10.5°	5467.7	5467.7	5461.1	5457.1	5453.1
11°	5467.7	5467.7	5461.1	5455.8	5451.8
11.5°	5469.1	5469.1	5461.1	5454.4	5450.4
12°	5469.1	5469.1	5461.1	5454.4	5449.1
12.5°	5470.4	5469.1	5459.7	5453.1	5447.8
13°	5470.4	5469.1	5459.7	5451.8	5446.4
13.5°	5471.7	5470.4	5459.7	5450.4	5445.1
14°	5471.7	5470.4	5459.7	5449.1	5442.5
14.5°	5473.1	5470.4	5458.4	5447.8	5441.1
15°	5473.1	5471.7	5458.4	5446.4	5439.8
15.5°	5474.4	5471.7	5457.1	5443.8	5437.1
16°	5473.1	5471.7	5455.8	5442.5	5434.5
16.5°	5474.4	5471.7	5455.8	5439.8	5431.8
17°	5474.4	5470.4	5454.4	5437.1	5430.5
17.5°	5474.4	5470.4	5451.8	5435.8	5427.8
18°	5474.4	5470.4	5450.4	5433.1	5423.8
18.5°	5474.4	5469.1	5449.1	5430.5	5421.2
19°	5473.1	5469.1	5447.8	5427.8	5418.5
19.5°	5473.1	5467.7	5445.1	5423.8	5414.5
20°	5471.7	5466.4	5442.5	5421.2	5411.8
20.5°	5470.4	5465.1	5441.1	5418.5	5407.9
21°	5470.4	5463.7	5438.5	5414.5	5403.9



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	5465.1	5457.1	5429.1	5402.5	5390.6
23°	5462.4	5454.4	5425.2	5398.5	5386.6
23.5°	5459.7	5451.8	5421.2	5393.2	5381.2
24°	5457.1	5449.1	5417.2	5387.9	5375.9
24.5°	5454.4	5445.1	5413.2	5382.6	5370.6
25°	5450.4	5441.1	5407.9	5377.2	5365.3
25.5°	5446.4	5437.1	5402.5	5371.9	5358.6
26°	5442.5	5433.1	5397.2	5366.6	5353.3
26.5°	5438.5	5427.8	5391.9	5359.9	5346.6
27°	5433.1	5422.5	5385.2	5353.3	5340.0
27.5°	5427.8	5417.2	5378.6	5346.6	5333.3
28°	5422.5	5410.5	5371.9	5340.0	5326.7
28.5°	5415.8	5403.9	5365.3	5332.0	5318.7
29°	5409.2	5397.2	5357.3	5324.0	5310.7
29.5°	5402.5	5389.2	5349.3	5316.0	5301.4
30°	5394.5	5381.2	5340.0	5306.7	5292.1
30.5°	5386.6	5373.3	5330.7	5297.4	5284.1
31°	5377.2	5363.9	5321.4	5288.1	5273.5
31.5°	5369.3	5354.6	5310.7	5278.8	5264.1
32°	5358.6	5344.0	5301.4	5268.1	5253.5
32.5°	5348.0	5333.3	5289.4	5256.2	5241.5
33°	5337.3	5321.4	5277.4	5245.5	5229.5
33.5°	5325.4	5309.4	5265.5	5233.5	5217.6
34°	5312.0	5296.1	5252.2	5220.2	5205.6
34.5°	5298.7	5282.8	5238.9	5206.9	5192.3
35°	5285.4	5268.1	5224.2	5192.3	5177.6
35.5°	5270.8	5253.5	5209.6	5177.6	5163.0
36°	5256.2	5237.5	5193.6	5163.0	5147.0
36.5°	5238.9	5221.6	5177.6	5147.0	5132.4
37°	5221.6	5204.3	5160.3	5129.7	5115.1
37.5°	5204.3	5185.6	5143.0	5112.4	5096.5
38°	5185.6	5168.3	5124.4	5095.1	5079.2
38.5°	5167.0	5148.4	5104.5	5075.2	5060.5
39°	5147.0	5127.1	5084.5	5056.6	5040.6
39.5°	5125.8	5105.8	5064.5	5035.3	5020.6
40°	5103.1	5084.5	5041.9	5014.0	4999.3
40.5°	5081.8	5061.9	5019.3	4992.7	4976.7
41°	5057.9	5037.9	4996.7	4968.7	4952.8
41.5°	5032.6	5012.6	4971.4	4944.8	4928.8
42°	5007.3	4987.4	4946.1	4920.8	4903.5
42.5°	4980.7	4960.7	4919.5	4894.2	4878.2
43°	4954.1	4932.8	4892.9	4867.6	4851.6
43.5°	4926.1	4904.9	4864.9	4839.7	4823.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L850-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	4834.3	4813.0	4774.5	4751.8	4734.5
45.5°	4802.4	4779.8	4742.5	4719.9	4703.9
46°	4769.1	4746.5	4709.2	4686.6	4670.7
46.5°	4734.5	4711.9	4676.0	4653.4	4637.4
47°	4698.6	4677.3	4640.1	4620.1	4602.8
47.5°	4662.7	4640.1	4604.1	4584.2	4566.9
48°	4626.7	4602.8	4568.2	4546.9	4529.6
48.5°	4588.2	4565.5	4530.9	4511.0	4495.0
49°	4546.9	4525.6	4491.0	4469.7	4455.1
49.5°	4507.0	4485.7	4451.1	4431.1	4415.2
50°	4465.7	4443.1	4411.2	4391.2	4375.3
50.5°	4423.2	4400.5	4368.6	4348.6	4334.0
51°	4380.6	4358.0	4326.0	4306.1	4290.1
51.5°	4335.3	4312.7	4280.8	4262.1	4247.5
52°	4290.1	4267.5	4235.5	4218.2	4203.6
52.5°	4244.8	4222.2	4190.3	4171.7	4158.4
53°	4195.6	4174.3	4145.0	4127.7	4113.1
53.5°	4146.4	4125.1	4095.8	4078.5	4065.2
54°	4097.1	4075.8	4046.6	4029.3	4017.3
54.5°	4049.2	4026.6	3998.7	3981.4	3969.4
55°	3997.3	3976.0	3948.1	3930.8	3918.8
55.5°	3945.4	3924.2	3896.2	3878.9	3868.3
56°	3890.9	3870.9	3843.0	3828.3	3817.7
56.5°	3836.3	3817.7	3789.8	3775.1	3764.5
57°	3783.1	3763.1	3736.5	3723.2	3712.6
57.5°	3729.9	3708.6	3682.0	3668.7	3658.0
58°	3671.3	3651.4	3626.1	3612.8	3603.5
58.5°	3614.1	3595.5	3568.9	3556.9	3547.6
59°	3556.9	3538.3	3513.0	3501.0	3491.7
59.5°	3497.0	3479.7	3454.4	3442.4	3433.1
60°	3438.5	3419.8	3395.9	3385.2	3375.9
60.5°	3378.6	3362.6	3337.3	3326.7	3317.4
61°	3317.4	3301.4	3277.4	3266.8	3257.5
61.5°	3254.8	3241.5	3217.6	3206.9	3198.9
62°	3193.6	3180.3	3156.4	3147.0	3139.1
62.5°	3131.1	3117.8	3093.8	3084.5	3076.5
63°	3068.5	3055.2	3032.6	3023.3	3015.3
63.5°	3004.7	2991.4	2970.1	2960.7	2952.8
64°	2940.8	2927.5	2904.9	2898.2	2888.9
64.5°	2876.9	2863.6	2841.0	2834.3	2826.3
65°	2811.7	2801.1	2779.8	2771.8	2766.5
65.5°	2747.8	2734.5	2714.6	2707.9	2699.9
66°	2680.0	2669.3	2649.4	2642.7	2637.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	2483.0	2471.1	2453.8	2447.1	2440.5
68°	2415.2	2404.5	2387.2	2381.9	2375.3
68.5°	2347.3	2336.7	2319.4	2315.4	2311.4
69°	2279.4	2268.8	2254.2	2250.2	2244.8
69.5°	2212.9	2202.3	2189.0	2185.0	2178.3
70°	2145.0	2135.7	2122.4	2118.4	2111.8
70.5°	2077.2	2067.9	2055.9	2051.9	2045.2
71°	2009.3	2001.3	1990.7	1985.4	1978.7
71.5°	1942.8	1934.8	1922.8	1918.8	1913.5
72°	1874.9	1868.3	1856.3	1853.6	1847.0
72.5°	1807.1	1801.7	1789.8	1787.1	1781.8
73°	1739.2	1733.9	1721.9	1719.2	1715.2
73.5°	1672.7	1667.3	1656.7	1652.7	1648.7
74°	1606.1	1602.1	1591.5	1588.8	1583.5
74.5°	1538.3	1535.6	1526.3	1522.3	1518.3
75°	1470.4	1470.4	1461.1	1458.4	1454.4
75.5°	1405.2	1405.2	1395.9	1393.2	1389.2
76°	1340.0	1340.0	1330.7	1328.1	1322.8
76.5°	1274.1	1274.7	1266.8	1264.0	1259.6
77°	1211.0	1211.6	1204.5	1200.9	1196.5
77.5°	1143.6	1146.8	1140.9	1137.7	1133.3
78°	1080.6	1084.6	1078.6	1076.1	1072.4
78.5°	1021.3	1023.8	1020.0	1016.9	1011.7
79°	959.1	961.1	958.6	956.0	950.9
79.5°	897.9	901.3	899.5	897.1	891.3
80°	839.3	841.7	842.0	838.5	833.0
80.5°	777.5	782.4	783.2	779.6	776.8
81°	720.4	725.1	726.4	724.3	720.6
81.5°	664.3	669.7	670.9	669.7	664.9
82°	608.0	614.6	616.6	615.7	610.4
82.5°	554.2	561.7	563.8	563.0	558.1
83°	502.1	510.2	512.2	512.8	508.3
83.5°	451.6	459.3	461.9	462.7	457.8
84°	403.2	410.1	413.3	414.6	410.5
84.5°	357.2	362.7	366.6	368.3	366.3
85°	313.8	317.8	321.4	323.8	321.0
85.5°	271.7	274.9	277.6	281.3	279.0
86°	232.6	235.8	237.7	240.6	240.6
86.5°	195.3	196.8	198.3	201.7	201.7
87°	159.7	159.8	160.3	164.7	164.9
87.5°	123.2	124.3	124.8	128.7	130.0
88°	86.9	90.0	90.8	94.3	94.1
88.5°	61.5	61.5	61.3	64.9	65.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L850-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	2.9	2.8	2.9	3.1	2.8
90.5°	0.9	0.8	0.9	1.1	0.9
91°	0.9	0.8	0.8	0.9	0.8
91.5°	1.2	0.9	1.1	0.8	0.7
92°	0.9	0.9	0.9	1.1	0.9
92.5°	1.1	0.9	0.9	1.1	0.9
93°	1.1	1.1	1.1	0.9	0.8
93.5°	1.2	0.9	1.1	1.1	1.2
94°	1.2	1.1	1.2	1.1	1.3
94.5°	1.2	1.2	1.1	1.2	1.2
95°	1.2	0.9	1.2	1.1	1.3
95.5°	1.1	1.2	1.3	1.2	1.3
96°	1.5	1.5	1.2	1.2	1.3
96.5°	1.5	1.3	1.3	1.2	1.3
97°	1.5	1.3	1.5	1.2	1.6
97.5°	1.6	1.3	1.3	1.2	1.6
98°	1.7	1.5	1.5	1.5	1.7
98.5°	1.7	1.5	1.3	1.3	1.6
99°	1.6	1.6	1.5	1.3	1.5
99.5°	1.7	1.3	1.6	1.5	1.5
100°	1.7	1.6	1.6	1.6	1.7
100.5°	1.7	1.7	1.6	1.7	1.7
101°	1.9	1.6	1.6	1.6	1.6
101.5°	2.0	1.6	1.7	1.7	1.9
102°	2.1	1.7	1.9	1.7	1.9
102.5°	1.9	1.7	1.7	1.9	1.9
103°	1.9	1.6	1.9	1.7	1.9
103.5°	2.0	2.0	1.9	1.9	1.7
104°	2.3	2.0	2.0	1.9	1.7
104.5°	2.0	2.1	2.1	2.1	1.9
105°	2.4	2.1	2.0	2.3	2.3
105.5°	2.3	1.9	2.1	2.0	2.0
106°	2.1	2.1	2.3	2.3	2.4
106.5°	2.4	2.1	2.3	2.1	2.0
107°	2.3	2.3	2.4	2.4	2.1
107.5°	2.5	2.3	2.4	2.5	2.4
108°	2.5	2.3	2.1	2.5	2.3
108.5°	2.5	2.5	2.5	2.4	2.3
109°	2.7	2.5	2.5	2.5	2.7
109.5°	2.8	2.4	2.8	2.7	2.4
110°	2.7	2.7	2.7	2.8	2.7
110.5°	2.8	2.7	2.8	2.8	2.9
111°	2.8	2.9	2.9	2.9	2.8



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L850-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	3.2	3.3	3.5	3.3	3.1
113°	3.6	3.2	3.2	3.3	3.3
113.5°	3.6	3.6	3.6	3.7	3.7
114°	3.7	3.7	3.9	3.9	3.7
114.5°	4.0	4.0	3.9	3.9	3.6
115°	4.0	4.0	3.9	4.0	3.9
115.5°	4.4	4.0	4.3	4.1	3.9
116°	4.3	4.4	4.4	4.3	4.1
116.5°	4.5	4.5	4.5	4.5	4.4
117°	4.8	4.8	4.8	4.8	4.3
117.5°	5.1	4.8	4.9	4.8	4.5
118°	5.1	4.9	5.2	4.9	4.7
118.5°	5.5	5.2	5.2	5.1	4.9
119°	5.5	5.5	5.6	5.2	5.2
119.5°	5.6	5.6	5.6	5.5	5.3
120°	5.9	5.9	5.7	5.6	5.7
120.5°	6.0	5.7	6.0	5.9	5.7
121°	6.0	6.0	6.0	6.0	5.7
121.5°	6.7	6.4	6.3	6.0	6.0
122°	6.3	6.7	6.4	6.3	6.4
122.5°	6.8	6.7	6.5	6.5	6.3
123°	6.9	6.9	6.7	6.7	6.5
123.5°	6.9	7.2	6.8	6.5	6.8
124°	7.1	7.2	7.1	6.8	6.8
124.5°	7.5	7.2	7.1	6.9	6.9
125°	7.7	7.5	7.3	7.2	7.2
125.5°	7.7	7.6	7.3	7.2	7.3
126°	7.7	7.5	7.3	7.3	7.2
126.5°	7.5	7.6	7.7	7.3	7.5
127°	7.7	7.7	7.5	7.3	7.2
127.5°	8.0	7.9	7.7	7.3	7.2
128°	8.0	7.6	7.6	7.3	7.5
128.5°	7.7	7.7	7.5	7.2	7.5
129°	7.6	7.6	7.5	7.3	7.2
129.5°	7.5	7.6	7.5	7.3	7.3
130°	7.5	7.6	7.3	7.1	7.2
130.5°	7.7	7.5	7.5	6.8	7.2
131°	7.3	7.3	7.3	6.9	7.1
131.5°	7.5	7.2	6.9	6.8	6.9
132°	7.3	7.1	7.1	6.8	6.8
132.5°	7.3	7.1	6.9	6.8	6.9
133°	7.1	6.8	6.8	6.4	6.7
133.5°	7.2	6.8	6.5	6.3	6.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L850-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	6.9	6.5	6.3	6.1	6.7
135.5°	6.5	6.7	6.3	6.0	6.4
136°	6.4	6.3	6.0	5.7	6.4
136.5°	6.5	6.3	6.0	5.7	6.3
137°	6.4	6.1	6.0	5.7	6.1
137.5°	6.3	6.0	5.9	5.5	5.9
138°	6.1	5.9	5.6	5.5	5.9
138.5°	6.3	5.9	5.7	5.3	5.7
139°	5.5	5.7	5.6	5.1	5.9
139.5°	5.9	5.5	5.3	5.2	5.7
140°	5.7	5.3	5.5	5.1	5.3
140.5°	5.7	5.3	5.3	5.1	5.3
141°	5.5	5.3	5.2	4.8	5.1
141.5°	5.1	5.3	5.3	4.8	5.1
142°	4.9	4.9	5.2	4.9	4.7
142.5°	4.9	5.2	5.1	4.8	4.7
143°	5.2	5.1	5.1	4.9	4.7
143.5°	5.2	5.1	5.1	4.7	4.7
144°	5.2	4.8	5.2	4.5	4.8
144.5°	4.9	4.8	4.9	4.7	4.8
145°	5.1	4.8	4.9	4.4	4.8
145.5°	4.9	4.7	4.8	4.4	5.1
146°	4.9	4.7	4.5	4.4	4.8
146.5°	5.1	4.7	4.5	4.4	4.8
147°	4.9	4.7	4.4	4.5	4.5
147.5°	4.8	4.7	4.4	4.5	4.9
148°	4.9	4.7	4.5	4.4	4.9
148.5°	5.1	4.8	4.5	4.4	4.9
149°	4.9	4.7	4.5	4.4	4.9
149.5°	5.2	4.5	4.5	4.4	5.1
150°	5.1	4.8	4.5	4.4	4.9
150.5°	4.9	4.7	4.5	4.5	4.9
151°	5.2	4.7	4.4	4.5	5.2
151.5°	5.1	4.8	4.4	4.5	5.2
152°	5.2	4.8	4.7	4.8	4.9
152.5°	5.2	4.9	4.5	4.7	5.2
153°	5.1	4.8	4.7	4.9	5.3
153.5°	5.5	4.9	4.5	4.8	5.2
154°	5.2	4.9	4.8	4.8	5.2
154.5°	5.2	4.8	4.8	5.1	5.3
155°	4.9	4.9	4.9	5.1	5.5
155.5°	5.2	4.8	4.8	4.9	5.3
156°	4.9	4.9	4.9	4.9	5.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L850-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	4.9	4.7	4.8	5.1	5.2
158°	5.3	4.9	4.8	4.9	5.3
158.5°	5.1	4.9	4.7	4.9	5.2
159°	5.2	4.9	4.8	4.9	5.5
159.5°	5.1	4.8	4.8	4.9	5.6
160°	5.1	4.9	4.7	4.9	5.3
160.5°	4.9	4.8	4.8	5.1	5.3
161°	4.9	4.8	4.8	5.1	5.3
161.5°	5.1	4.9	4.8	4.8	5.1
162°	4.9	4.8	4.9	5.1	5.1
162.5°	5.2	5.1	4.9	4.9	5.2
163°	5.2	4.9	5.1	5.1	5.1
163.5°	5.1	4.9	5.1	5.1	5.5
164°	4.9	5.1	4.9	5.3	5.3
164.5°	4.8	5.2	5.1	5.3	5.5
165°	4.9	4.9	4.8	5.2	5.3
165.5°	4.7	4.9	4.8	5.6	5.3
166°	5.1	5.1	4.9	5.3	5.2
166.5°	5.1	4.9	4.8	5.5	4.9
167°	4.9	5.3	4.9	5.6	5.5
167.5°	5.1	5.3	5.1	5.7	5.5
168°	5.2	5.2	4.9	5.6	5.3
168.5°	5.1	5.5	5.2	6.0	5.5
169°	5.5	5.3	4.9	6.0	5.5
169.5°	5.3	5.3	5.1	5.9	5.6
170°	5.5	5.3	5.2	6.0	5.5
170.5°	5.5	5.6	5.2	6.0	5.7
171°	5.5	5.5	5.5	6.0	5.9
171.5°	5.3	5.5	5.5	6.1	5.6
172°	5.3	5.5	5.6	6.1	5.7
172.5°	5.6	5.6	5.7	6.1	5.7
173°	5.3	5.3	5.7	6.1	5.9
173.5°	5.7	5.6	5.9	6.0	6.0
174°	5.9	5.9	6.3	6.1	5.9
174.5°	5.9	6.1	6.1	6.4	6.1
175°	6.3	6.1	6.3	6.4	6.0
175.5°	6.3	6.1	6.5	6.3	6.3
176°	6.5	6.4	6.3	6.1	6.1
176.5°	6.7	6.3	6.4	5.9	6.1
177°	6.4	6.3	6.0	5.9	6.1
177.5°	6.5	6.3	5.9	5.7	6.3
178°	6.1	6.0	5.7	5.7	5.9
178.5°	6.0	5.9	5.6	5.6	5.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L850-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	5.2	5.2	5.2	5.2	5.2



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	5469.1	5462.4	5435.8	5410.5	5399.9
22°	5466.4	5459.7	5431.8	5406.5	5395.9



44°	4895.5	4875.6	4835.7	4811.7	4795.7
44.5°	4864.9	4843.6	4806.4	4781.1	4765.1



66.5°	2614.8	2604.1	2584.2	2577.5	2570.9
67°	2549.6	2537.6	2519.0	2512.3	2507.0



89°	38.9	38.2	37.8	39.8	40.3
89.5°	17.2	17.4	17.0	18.2	18.0



111.5°	3.3	2.9	3.1	3.1	2.9
112°	3.3	3.1	3.1	3.1	3.3



134°	6.8	6.7	6.5	6.4	6.8
134.5°	6.9	6.5	6.5	6.1	6.4



156.5°	5.2	4.8	4.9	5.1	5.2
157°	5.1	4.8	4.9	4.9	5.2



179°	5.7	5.6	5.3	5.5	5.7
179.5°	5.1	5.3	5.2	5.1	5.5



(END OF REPORT)