

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-L950-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-L950-CFD2
Description: 20000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS
AND 5000K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

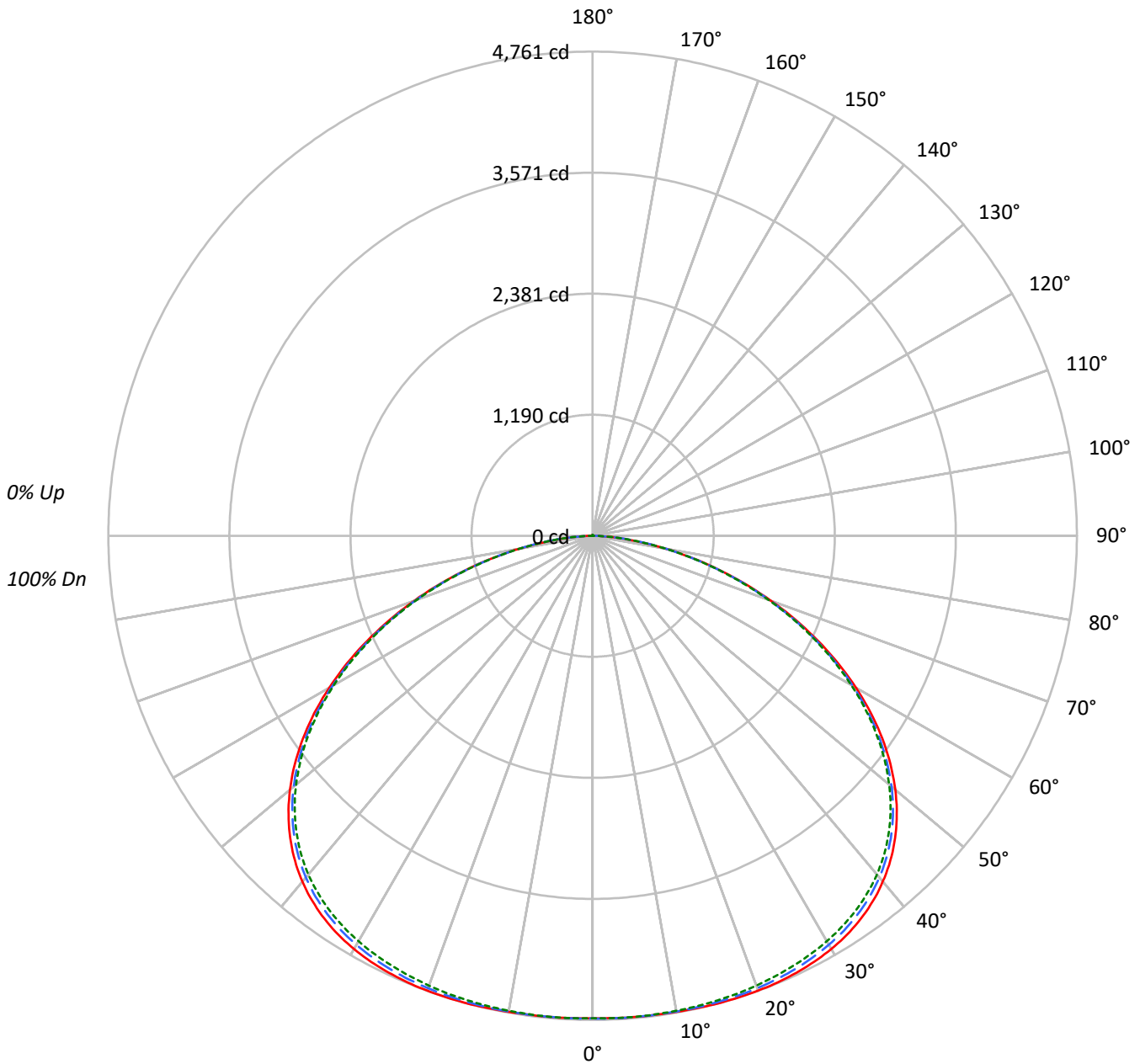
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17182.0 lumens
Efficiency: N/A
Efficacy: 104.6 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									
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°	3388	3388	3388
5°	3391	3386	3390
10°	3421	3407	3412
15°	3478	3453	3457
20°	3560	3518	3521
25°	3661	3603	3604
30°	3774	3699	3703
35°	3889	3799	3810
40°	3993	3889	3911
45°	4070	3953	3986
50°	4104	3974	4021
55°	4077	3933	3997
60°	3974	3816	3902
65°	3783	3614	3722
70°	3483	3302	3429
75°	3041	2858	3007
80°	2413	2240	2395
85°	1500	1352	1534



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	453.4	2.6
10°-20°	1344.9	7.8
20°-30°	2174.1	12.7
30°-40°	2847.7	16.6
40°-50°	3203.1	18.6
50°-60°	3065.0	17.8
60°-70°	2390.5	13.9
70°-80°	1347.2	7.8
80°-90°	333.4	1.9
90°-100°	1.2	0.0
100°-110°	1.9	0.0
110°-120°	3.5	0.0
120°-130°	5.4	0.0
130°-140°	4.3	0.0
140°-150°	2.6	0.0
150°-160°	2.0	0.0
160°-170°	1.3	0.0
170°-180°	0.5	0.0
0°-30°	3972.5	23.1
0°-40°	6820.1	39.7
0°-60°	13088.3	76.2
0°-90°	17159.3	99.9
90°-120°	6.6	0.0
90°-150°	19.0	0.1
90°-180°	23.0	0.1
0°-180°	17182.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4745	4745	4745	4745	4745	
5°	4750	4751	4750	4750	4749	454
15°	4760	4759	4748	4737	4731	1349
25°	4740	4732	4704	4677	4666	2191
35°	4597	4582	4544	4516	4503	2878
45°	4205	4186	4153	4133	4118	3239
55°	3477	3458	3434	3419	3408	3099
65°	2446	2436	2418	2411	2406	2414
75°	1279	1279	1271	1268	1265	1355
85°	273	276	280	282	279	316
90°	2	2	2	3	2	13
95°	1	1	1	1	1	1
105°	2	2	2	2	2	2
115°	4	4	3	4	3	4
125°	7	6	6	6	6	6
135°	6	6	5	5	6	5
145°	4	4	4	4	4	3
155°	4	4	4	4	5	2
165°	4	4	4	4	5	1
175°	5	5	5	6	5	0
180°	4	4	4	4	4	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4745.2	4745.2	4745.2	4745.2	4745.2
0.5°	4744.0	4747.5	4748.6	4747.5	4745.2
1°	4745.2	4747.5	4748.6	4748.6	4746.3
1.5°	4746.3	4748.6	4748.6	4748.6	4747.5
2°	4746.3	4748.6	4748.6	4749.8	4747.5
2.5°	4747.5	4749.8	4749.8	4749.8	4747.5
3°	4748.6	4749.8	4749.8	4749.8	4748.6
3.5°	4748.6	4749.8	4749.8	4749.8	4748.6
4°	4749.8	4749.8	4749.8	4749.8	4748.6
4.5°	4749.8	4751.0	4749.8	4749.8	4748.6
5°	4749.8	4751.0	4749.8	4749.8	4748.6
5.5°	4749.8	4751.0	4749.8	4749.8	4748.6
6°	4751.0	4751.0	4749.8	4749.8	4747.5
6.5°	4751.0	4752.1	4751.0	4749.8	4747.5
7°	4751.0	4752.1	4749.8	4749.8	4747.5
7.5°	4751.0	4752.1	4749.8	4748.6	4746.3
8°	4752.1	4752.1	4751.0	4748.6	4746.3
8.5°	4752.1	4753.3	4749.8	4748.6	4745.2
9°	4753.3	4753.3	4751.0	4747.5	4745.2
9.5°	4753.3	4754.4	4749.8	4747.5	4744.0
10°	4754.4	4754.4	4749.8	4746.3	4742.9
10.5°	4755.6	4755.6	4749.8	4746.3	4742.9
11°	4755.6	4755.6	4749.8	4745.2	4741.7
11.5°	4756.7	4756.7	4749.8	4744.0	4740.5
12°	4756.7	4756.7	4749.8	4744.0	4739.4
12.5°	4757.9	4756.7	4748.6	4742.9	4738.2
13°	4757.9	4756.7	4748.6	4741.7	4737.1
13.5°	4759.1	4757.9	4748.6	4740.5	4735.9
14°	4759.1	4757.9	4748.6	4739.4	4733.6
14.5°	4760.2	4757.9	4747.5	4738.2	4732.4
15°	4760.2	4759.1	4747.5	4737.1	4731.3
15.5°	4761.4	4759.1	4746.3	4734.8	4729.0
16°	4760.2	4759.1	4745.2	4733.6	4726.7
16.5°	4761.4	4759.1	4745.2	4731.3	4724.3
17°	4761.4	4757.9	4744.0	4729.0	4723.2
17.5°	4761.4	4757.9	4741.7	4727.8	4720.9
18°	4761.4	4757.9	4740.5	4725.5	4717.4
18.5°	4761.4	4756.7	4739.4	4723.2	4715.1
19°	4760.2	4756.7	4738.2	4720.9	4712.8
19.5°	4760.2	4755.6	4735.9	4717.4	4709.3
20°	4759.1	4754.4	4733.6	4715.1	4707.0
20.5°	4757.9	4753.3	4732.4	4712.8	4703.5
21°	4757.9	4752.1	4730.1	4709.3	4700.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	4753.3	4746.3	4722.0	4698.9	4688.5
23°	4751.0	4744.0	4718.6	4695.4	4685.0
23.5°	4748.6	4741.7	4715.1	4690.8	4680.4
24°	4746.3	4739.4	4711.6	4686.1	4675.7
24.5°	4744.0	4735.9	4708.1	4681.5	4671.1
25°	4740.5	4732.4	4703.5	4676.9	4666.5
25.5°	4737.1	4729.0	4698.9	4672.3	4660.7
26°	4733.6	4725.5	4694.2	4667.6	4656.1
26.5°	4730.1	4720.9	4689.6	4661.8	4650.3
27°	4725.5	4716.2	4683.8	4656.1	4644.5
27.5°	4720.9	4711.6	4678.0	4650.3	4638.7
28°	4716.2	4705.8	4672.3	4644.5	4632.9
28.5°	4710.4	4700.0	4666.5	4637.5	4626.0
29°	4704.7	4694.2	4659.5	4630.6	4619.0
29.5°	4698.9	4687.3	4652.6	4623.6	4610.9
30°	4691.9	4680.4	4644.5	4615.5	4602.8
30.5°	4685.0	4673.4	4636.4	4607.4	4595.9
31°	4676.9	4665.3	4628.3	4599.3	4586.6
31.5°	4669.9	4657.2	4619.0	4591.2	4578.5
32°	4660.7	4648.0	4610.9	4582.0	4569.3
32.5°	4651.4	4638.7	4600.5	4571.6	4558.8
33°	4642.2	4628.3	4590.1	4562.3	4548.4
33.5°	4631.7	4617.9	4579.7	4551.9	4538.0
34°	4620.2	4606.3	4568.1	4540.3	4527.6
34.5°	4608.6	4594.7	4556.5	4528.7	4516.0
35°	4597.0	4582.0	4543.8	4516.0	4503.3
35.5°	4584.3	4569.3	4531.1	4503.3	4490.6
36°	4571.6	4555.4	4517.2	4490.6	4476.7
36.5°	4556.5	4541.5	4503.3	4476.7	4463.9
37°	4541.5	4526.4	4488.2	4461.6	4448.9
37.5°	4526.4	4510.2	4473.2	4446.6	4432.7
38°	4510.2	4495.2	4457.0	4431.5	4417.6
38.5°	4494.0	4477.8	4439.6	4414.2	4401.4
39°	4476.7	4459.3	4422.3	4398.0	4384.1
39.5°	4458.1	4440.8	4404.9	4379.4	4366.7
40°	4438.5	4422.3	4385.2	4360.9	4348.2
40.5°	4420.0	4402.6	4365.6	4342.4	4328.5
41°	4399.1	4381.8	4345.9	4321.6	4307.7
41.5°	4377.1	4359.8	4323.9	4300.7	4286.9
42°	4355.1	4337.8	4301.9	4279.9	4264.9
42.5°	4332.0	4314.6	4278.8	4256.8	4242.9
43°	4308.8	4290.3	4255.6	4233.6	4219.7
43.5°	4284.5	4266.0	4231.3	4209.3	4195.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	4204.7	4186.2	4152.6	4132.9	4117.9
45.5°	4176.9	4157.2	4124.8	4105.2	4091.3
46°	4148.0	4128.3	4095.9	4076.2	4062.3
46.5°	4117.9	4098.2	4067.0	4047.3	4033.4
47°	4086.6	4068.1	4035.7	4018.3	4003.3
47.5°	4055.4	4035.7	4004.5	3987.1	3972.1
48°	4024.1	4003.3	3973.2	3954.7	3939.6
48.5°	3990.6	3970.9	3940.8	3923.4	3909.6
49°	3954.7	3936.2	3906.1	3887.6	3874.8
49.5°	3920.0	3901.5	3871.4	3854.0	3840.1
50°	3884.1	3864.4	3836.6	3819.3	3805.4
50.5°	3847.1	3827.4	3799.6	3782.2	3769.5
51°	3810.0	3790.3	3762.6	3745.2	3731.3
51.5°	3770.7	3751.0	3723.2	3707.0	3694.3
52°	3731.3	3711.6	3683.9	3668.8	3656.1
52.5°	3692.0	3672.3	3644.5	3628.3	3616.7
53°	3649.2	3630.6	3605.2	3590.1	3577.4
53.5°	3606.3	3587.8	3562.3	3547.3	3535.7
54°	3563.5	3545.0	3519.5	3504.5	3494.1
54.5°	3521.8	3502.2	3477.9	3462.8	3452.4
55°	3476.7	3458.2	3433.9	3418.8	3408.4
55.5°	3431.6	3413.0	3388.7	3373.7	3364.4
56°	3384.1	3366.8	3342.5	3329.7	3320.5
56.5°	3336.7	3320.5	3296.2	3283.4	3274.2
57°	3290.4	3273.0	3249.9	3238.3	3229.0
57.5°	3244.1	3225.6	3202.4	3190.8	3181.6
58°	3193.2	3175.8	3153.8	3142.2	3134.1
58.5°	3143.4	3127.2	3104.0	3093.6	3085.5
59°	3093.6	3077.4	3055.4	3045.0	3036.9
59.5°	3041.5	3026.5	3004.5	2994.1	2986.0
60°	2990.6	2974.4	2953.6	2944.3	2936.2
60.5°	2938.5	2924.6	2902.7	2893.4	2885.3
61°	2885.3	2871.4	2850.6	2841.3	2833.2
61.5°	2830.9	2819.3	2798.5	2789.2	2782.3
62°	2777.7	2766.1	2745.3	2737.2	2730.2
62.5°	2723.3	2711.7	2690.9	2682.8	2675.8
63°	2668.9	2657.3	2637.6	2629.5	2622.6
63.5°	2613.3	2601.7	2583.2	2575.1	2568.2
64°	2557.8	2546.2	2526.5	2520.7	2512.6
64.5°	2502.2	2490.6	2471.0	2465.2	2458.2
65°	2445.5	2436.2	2417.7	2410.8	2406.1
65.5°	2389.9	2378.4	2361.0	2355.2	2348.3
66°	2330.9	2321.7	2304.3	2298.5	2293.9



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	2159.6	2149.2	2134.2	2128.4	2122.6
68°	2100.6	2091.3	2076.3	2071.7	2065.9
68.5°	2041.6	2032.3	2017.3	2013.8	2010.3
69°	1982.6	1973.3	1960.6	1957.1	1952.5
69.5°	1924.7	1915.4	1903.9	1900.4	1894.6
70°	1865.7	1857.6	1846.0	1842.5	1836.7
70.5°	1806.6	1798.5	1788.1	1784.6	1778.9
71°	1747.6	1740.7	1731.4	1726.8	1721.0
71.5°	1689.7	1682.8	1672.4	1668.9	1664.3
72°	1630.7	1624.9	1614.5	1612.2	1606.4
72.5°	1571.7	1567.1	1556.6	1554.3	1549.7
73°	1512.7	1508.0	1497.6	1495.3	1491.8
73.5°	1454.8	1450.2	1440.9	1437.4	1434.0
74°	1396.9	1393.5	1384.2	1381.9	1377.3
74.5°	1337.9	1335.6	1327.5	1324.0	1320.5
75°	1278.9	1278.9	1270.8	1268.5	1265.0
75.5°	1222.2	1222.2	1214.1	1211.8	1208.3
76°	1165.5	1165.5	1157.4	1155.2	1150.5
76.5°	1108.2	1108.6	1101.8	1099.4	1095.6
77°	1053.3	1053.8	1047.6	1044.5	1040.7
77.5°	994.6	997.4	992.3	989.5	985.7
78°	939.9	943.4	938.2	936.0	932.7
78.5°	888.3	890.5	887.1	884.5	879.9
79°	834.2	836.0	833.8	831.4	827.0
79.5°	781.0	783.9	782.4	780.3	775.2
80°	729.9	732.0	732.4	729.3	724.5
80.5°	676.2	680.5	681.2	678.1	675.7
81°	626.6	630.6	631.8	630.0	626.7
81.5°	577.8	582.5	583.5	582.5	578.3
82°	528.8	534.6	536.3	535.5	530.9
82.5°	482.0	488.5	490.4	489.7	485.4
83°	436.7	443.7	445.5	446.0	442.1
83.5°	392.8	399.5	401.7	402.4	398.1
84°	350.7	356.7	359.5	360.6	357.0
84.5°	310.6	315.5	318.9	320.4	318.6
85°	272.9	276.4	279.5	281.6	279.2
85.5°	236.3	239.1	241.4	244.7	242.7
86°	202.3	205.1	206.7	209.3	209.3
86.5°	169.9	171.2	172.4	175.5	175.5
87°	138.9	139.0	139.5	143.3	143.4
87.5°	107.2	108.1	108.6	111.9	113.1
88°	75.6	78.2	78.9	82.1	81.8
88.5°	53.5	53.5	53.4	56.5	57.2



TEST NUMBER: P#

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	2.5	2.4	2.5	2.7	2.4
90.5°	0.8	0.7	0.8	0.9	0.8
91°	0.8	0.7	0.7	0.8	0.7
91.5°	1.0	0.8	0.9	0.7	0.6
92°	0.8	0.8	0.8	0.9	0.8
92.5°	0.9	0.8	0.8	0.9	0.8
93°	0.9	0.9	0.9	0.8	0.7
93.5°	1.0	0.8	0.9	0.9	1.0
94°	1.0	0.9	1.0	0.9	1.2
94.5°	1.0	1.0	0.9	1.0	1.0
95°	1.0	0.8	1.0	0.9	1.2
95.5°	0.9	1.0	1.2	1.0	1.2
96°	1.3	1.3	1.0	1.0	1.2
96.5°	1.3	1.2	1.2	1.0	1.2
97°	1.3	1.2	1.3	1.0	1.4
97.5°	1.4	1.2	1.2	1.0	1.4
98°	1.5	1.3	1.3	1.3	1.5
98.5°	1.5	1.3	1.2	1.2	1.4
99°	1.4	1.4	1.3	1.2	1.3
99.5°	1.5	1.2	1.4	1.3	1.3
100°	1.5	1.4	1.4	1.4	1.5
100.5°	1.5	1.5	1.4	1.5	1.5
101°	1.6	1.4	1.4	1.4	1.4
101.5°	1.7	1.4	1.5	1.5	1.6
102°	1.9	1.5	1.6	1.5	1.6
102.5°	1.6	1.5	1.5	1.6	1.6
103°	1.6	1.4	1.6	1.5	1.6
103.5°	1.7	1.7	1.6	1.6	1.5
104°	2.0	1.7	1.7	1.6	1.5
104.5°	1.7	1.9	1.9	1.9	1.6
105°	2.1	1.9	1.7	2.0	2.0
105.5°	2.0	1.6	1.9	1.7	1.7
106°	1.9	1.9	2.0	2.0	2.1
106.5°	2.1	1.9	2.0	1.9	1.7
107°	2.0	2.0	2.1	2.1	1.9
107.5°	2.2	2.0	2.1	2.2	2.1
108°	2.2	2.0	1.9	2.2	2.0
108.5°	2.2	2.2	2.2	2.1	2.0
109°	2.3	2.2	2.2	2.2	2.3
109.5°	2.4	2.1	2.4	2.3	2.1
110°	2.3	2.3	2.3	2.4	2.3
110.5°	2.4	2.3	2.4	2.4	2.5
111°	2.4	2.5	2.5	2.5	2.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L950-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	2.8	2.9	3.0	2.9	2.7
113°	3.1	2.8	2.8	2.9	2.9
113.5°	3.1	3.1	3.1	3.2	3.2
114°	3.2	3.2	3.4	3.4	3.2
114.5°	3.5	3.5	3.4	3.4	3.1
115°	3.5	3.5	3.4	3.5	3.4
115.5°	3.8	3.5	3.7	3.6	3.4
116°	3.7	3.8	3.8	3.7	3.6
116.5°	3.9	3.9	3.9	3.9	3.8
117°	4.2	4.2	4.2	4.2	3.7
117.5°	4.4	4.2	4.3	4.2	3.9
118°	4.4	4.3	4.5	4.3	4.1
118.5°	4.7	4.5	4.5	4.4	4.3
119°	4.7	4.7	4.9	4.5	4.5
119.5°	4.9	4.9	4.9	4.7	4.6
120°	5.1	5.1	5.0	4.9	5.0
120.5°	5.2	5.0	5.2	5.1	5.0
121°	5.2	5.2	5.2	5.2	5.0
121.5°	5.8	5.6	5.4	5.2	5.2
122°	5.4	5.8	5.6	5.4	5.6
122.5°	5.9	5.8	5.7	5.7	5.4
123°	6.0	6.0	5.8	5.8	5.7
123.5°	6.0	6.2	5.9	5.7	5.9
124°	6.1	6.2	6.1	5.9	5.9
124.5°	6.5	6.2	6.1	6.0	6.0
125°	6.7	6.5	6.4	6.2	6.2
125.5°	6.7	6.6	6.4	6.2	6.4
126°	6.7	6.5	6.4	6.4	6.2
126.5°	6.5	6.6	6.7	6.4	6.5
127°	6.7	6.7	6.5	6.4	6.2
127.5°	6.9	6.8	6.7	6.4	6.2
128°	6.9	6.6	6.6	6.4	6.5
128.5°	6.7	6.7	6.5	6.2	6.5
129°	6.6	6.6	6.5	6.4	6.2
129.5°	6.5	6.6	6.5	6.4	6.4
130°	6.5	6.6	6.4	6.1	6.2
130.5°	6.7	6.5	6.5	5.9	6.2
131°	6.4	6.4	6.4	6.0	6.1
131.5°	6.5	6.2	6.0	5.9	6.0
132°	6.4	6.1	6.1	5.9	5.9
132.5°	6.4	6.1	6.0	5.9	6.0
133°	6.1	5.9	5.9	5.6	5.8
133.5°	6.2	5.9	5.7	5.4	5.8



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L950-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	6.0	5.7	5.4	5.3	5.8
135.5°	5.7	5.8	5.4	5.2	5.6
136°	5.6	5.4	5.2	5.0	5.6
136.5°	5.7	5.4	5.2	5.0	5.4
137°	5.6	5.3	5.2	5.0	5.3
137.5°	5.4	5.2	5.1	4.7	5.1
138°	5.3	5.1	4.9	4.7	5.1
138.5°	5.4	5.1	5.0	4.6	5.0
139°	4.7	5.0	4.9	4.4	5.1
139.5°	5.1	4.7	4.6	4.5	5.0
140°	5.0	4.6	4.7	4.4	4.6
140.5°	5.0	4.6	4.6	4.4	4.6
141°	4.7	4.6	4.5	4.2	4.4
141.5°	4.4	4.6	4.6	4.2	4.4
142°	4.3	4.3	4.5	4.3	4.1
142.5°	4.3	4.5	4.4	4.2	4.1
143°	4.5	4.4	4.4	4.3	4.1
143.5°	4.5	4.4	4.4	4.1	4.1
144°	4.5	4.2	4.5	3.9	4.2
144.5°	4.3	4.2	4.3	4.1	4.2
145°	4.4	4.2	4.3	3.8	4.2
145.5°	4.3	4.1	4.2	3.8	4.4
146°	4.3	4.1	3.9	3.8	4.2
146.5°	4.4	4.1	3.9	3.8	4.2
147°	4.3	4.1	3.8	3.9	3.9
147.5°	4.2	4.1	3.8	3.9	4.3
148°	4.3	4.1	3.9	3.8	4.3
148.5°	4.4	4.2	3.9	3.8	4.3
149°	4.3	4.1	3.9	3.8	4.3
149.5°	4.5	3.9	3.9	3.8	4.4
150°	4.4	4.2	3.9	3.8	4.3
150.5°	4.3	4.1	3.9	3.9	4.3
151°	4.5	4.1	3.8	3.9	4.5
151.5°	4.4	4.2	3.8	3.9	4.5
152°	4.5	4.2	4.1	4.2	4.3
152.5°	4.5	4.3	3.9	4.1	4.5
153°	4.4	4.2	4.1	4.3	4.6
153.5°	4.7	4.3	3.9	4.2	4.5
154°	4.5	4.3	4.2	4.2	4.5
154.5°	4.5	4.2	4.2	4.4	4.6
155°	4.3	4.3	4.3	4.4	4.7
155.5°	4.5	4.2	4.2	4.3	4.6
156°	4.3	4.3	4.3	4.3	4.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L950-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	4.3	4.1	4.2	4.4	4.5
158°	4.6	4.3	4.2	4.3	4.6
158.5°	4.4	4.3	4.1	4.3	4.5
159°	4.5	4.3	4.2	4.3	4.7
159.5°	4.4	4.2	4.2	4.3	4.9
160°	4.4	4.3	4.1	4.3	4.6
160.5°	4.3	4.2	4.2	4.4	4.6
161°	4.3	4.2	4.2	4.4	4.6
161.5°	4.4	4.3	4.2	4.2	4.4
162°	4.3	4.2	4.3	4.4	4.4
162.5°	4.5	4.4	4.3	4.3	4.5
163°	4.5	4.3	4.4	4.4	4.4
163.5°	4.4	4.3	4.4	4.4	4.7
164°	4.3	4.4	4.3	4.6	4.6
164.5°	4.2	4.5	4.4	4.6	4.7
165°	4.3	4.3	4.2	4.5	4.6
165.5°	4.1	4.3	4.2	4.9	4.6
166°	4.4	4.4	4.3	4.6	4.5
166.5°	4.4	4.3	4.2	4.7	4.3
167°	4.3	4.6	4.3	4.9	4.7
167.5°	4.4	4.6	4.4	5.0	4.7
168°	4.5	4.5	4.3	4.9	4.6
168.5°	4.4	4.7	4.5	5.2	4.7
169°	4.7	4.6	4.3	5.2	4.7
169.5°	4.6	4.6	4.4	5.1	4.9
170°	4.7	4.6	4.5	5.2	4.7
170.5°	4.7	4.9	4.5	5.2	5.0
171°	4.7	4.7	4.7	5.2	5.1
171.5°	4.6	4.7	4.7	5.3	4.9
172°	4.6	4.7	4.9	5.3	5.0
172.5°	4.9	4.9	5.0	5.3	5.0
173°	4.6	4.6	5.0	5.3	5.1
173.5°	5.0	4.9	5.1	5.2	5.2
174°	5.1	5.1	5.4	5.3	5.1
174.5°	5.1	5.3	5.3	5.6	5.3
175°	5.4	5.3	5.4	5.6	5.2
175.5°	5.4	5.3	5.7	5.4	5.4
176°	5.7	5.6	5.4	5.3	5.3
176.5°	5.8	5.4	5.6	5.1	5.3
177°	5.6	5.4	5.2	5.1	5.3
177.5°	5.7	5.4	5.1	5.0	5.4
178°	5.3	5.2	5.0	5.0	5.1
178.5°	5.2	5.1	4.9	4.9	4.9



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L950-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	4.5	4.5	4.5	4.5	4.5



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	4756.7	4751.0	4727.8	4705.8	4696.6
22°	4754.4	4748.6	4724.3	4702.3	4693.1



44°	4257.9	4240.6	4205.8	4185.0	4171.1
44.5°	4231.3	4212.8	4180.4	4158.4	4144.5



66.5°	2274.2	2265.0	2247.6	2241.8	2236.0
67°	2217.5	2207.1	2190.9	2185.1	2180.5



89°	33.8	33.2	32.9	34.6	35.1
89.5°	14.9	15.2	14.8	15.9	15.6



111.5°	2.9	2.5	2.7	2.7	2.5
112°	2.9	2.7	2.7	2.7	2.9



134°	5.9	5.8	5.7	5.6	5.9
134.5°	6.0	5.7	5.7	5.3	5.6



156.5°	4.5	4.2	4.3	4.4	4.5
157°	4.4	4.2	4.3	4.3	4.5



179°	5.0	4.9	4.6	4.7	5.0
179.5°	4.4	4.6	4.5	4.4	4.7



(END OF REPORT)