

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-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-L950-CFR2
Description: 20000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS
AND 5000K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

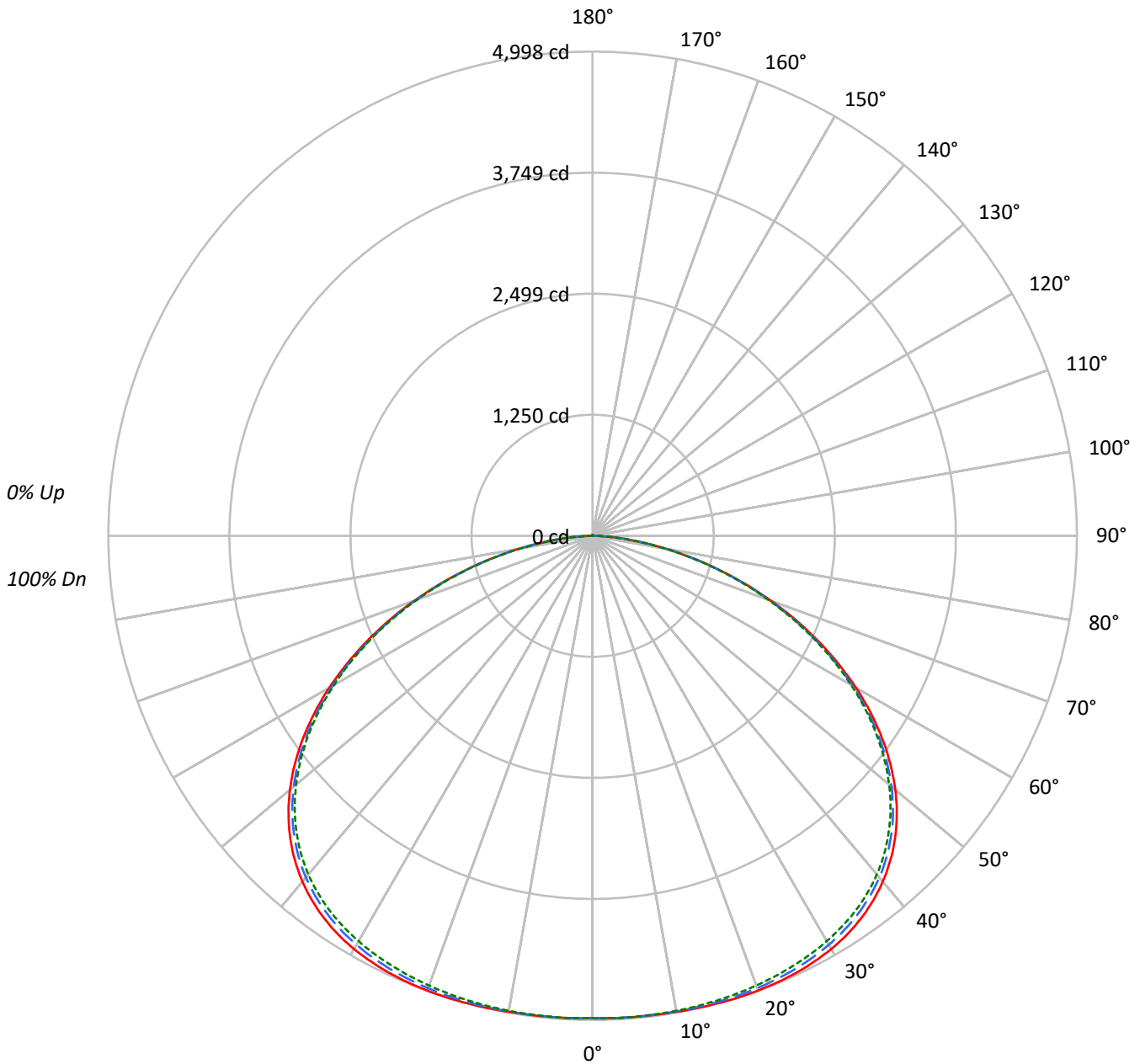
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18035.0 lumens
Efficiency: N/A
Efficacy: 109.8 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

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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°	3556	3556	3556
5°	3573	3573	3572
10°	3618	3614	3609
15°	3693	3683	3670
20°	3795	3775	3754
25°	3920	3889	3858
30°	4060	4019	3983
35°	4205	4157	4119
40°	4342	4290	4253
45°	4456	4401	4364
50°	4528	4473	4436
55°	4542	4486	4453
60°	4482	4426	4400
65°	4336	4287	4266
70°	4088	4044	4024
75°	3703	3679	3662
80°	3150	3160	3127
85°	2347	2403	2400



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	475.9	2.6
10°-20°	1411.7	7.8
20°-30°	2282.1	12.7
30°-40°	2989.1	16.6
40°-50°	3362.1	18.6
50°-60°	3217.2	17.8
60°-70°	2509.2	13.9
70°-80°	1414.1	7.8
80°-90°	349.9	1.9
90°-100°	1.3	0.0
100°-110°	2.0	0.0
110°-120°	3.7	0.0
120°-130°	5.7	0.0
130°-140°	4.5	0.0
140°-150°	2.8	0.0
150°-160°	2.1	0.0
160°-170°	1.3	0.0
170°-180°	0.5	0.0
0°-30°	4169.7	23.1
0°-40°	7158.7	39.7
0°-60°	13738.0	76.2
0°-90°	18011.2	99.9
90°-120°	6.9	0.0
90°-150°	20.0	0.1
90°-180°	24.0	0.1
0°-180°	18035.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4981	4981	4981	4981	4981	
5°	4986	4987	4986	4986	4984	476
15°	4996	4995	4983	4972	4966	1416
25°	4976	4967	4937	4909	4898	2300
35°	4825	4810	4769	4740	4727	3021
45°	4413	4394	4359	4338	4322	3400
55°	3649	3630	3604	3589	3578	3253
65°	2567	2557	2538	2530	2526	2534
75°	1342	1342	1334	1331	1328	1423
85°	286	290	293	296	293	332
90°	3	3	3	3	3	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	7	7	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	6	1
180°	5	5	5	5	5	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4980.7	4980.7	4980.7	4980.7	4980.7
0.5°	4979.5	4983.2	4984.4	4983.2	4980.7
1°	4980.7	4983.2	4984.4	4984.4	4982.0
1.5°	4982.0	4984.4	4984.4	4984.4	4983.2
2°	4982.0	4984.4	4984.4	4985.6	4983.2
2.5°	4983.2	4985.6	4985.6	4985.6	4983.2
3°	4984.4	4985.6	4985.6	4985.6	4984.4
3.5°	4984.4	4985.6	4985.6	4985.6	4984.4
4°	4985.6	4985.6	4985.6	4985.6	4984.4
4.5°	4985.6	4986.8	4985.6	4985.6	4984.4
5°	4985.6	4986.8	4985.6	4985.6	4984.4
5.5°	4985.6	4986.8	4985.6	4985.6	4984.4
6°	4986.8	4986.8	4985.6	4985.6	4983.2
6.5°	4986.8	4988.0	4986.8	4985.6	4983.2
7°	4986.8	4988.0	4985.6	4985.6	4983.2
7.5°	4986.8	4988.0	4985.6	4984.4	4982.0
8°	4988.0	4988.0	4986.8	4984.4	4982.0
8.5°	4988.0	4989.2	4985.6	4984.4	4980.7
9°	4989.2	4989.2	4986.8	4983.2	4980.7
9.5°	4989.2	4990.5	4985.6	4983.2	4979.5
10°	4990.5	4990.5	4985.6	4982.0	4978.3
10.5°	4991.7	4991.7	4985.6	4982.0	4978.3
11°	4991.7	4991.7	4985.6	4980.7	4977.1
11.5°	4992.9	4992.9	4985.6	4979.5	4975.9
12°	4992.9	4992.9	4985.6	4979.5	4974.7
12.5°	4994.1	4992.9	4984.4	4978.3	4973.5
13°	4994.1	4992.9	4984.4	4977.1	4972.2
13.5°	4995.3	4994.1	4984.4	4975.9	4971.0
14°	4995.3	4994.1	4984.4	4974.7	4968.6
14.5°	4996.5	4994.1	4983.2	4973.5	4967.4
15°	4996.5	4995.3	4983.2	4972.2	4966.2
15.5°	4997.8	4995.3	4982.0	4969.8	4963.7
16°	4996.5	4995.3	4980.7	4968.6	4961.3
16.5°	4997.8	4995.3	4980.7	4966.2	4958.9
17°	4997.8	4994.1	4979.5	4963.7	4957.7
17.5°	4997.8	4994.1	4977.1	4962.5	4955.2
18°	4997.8	4994.1	4975.9	4960.1	4951.6
18.5°	4997.8	4992.9	4974.7	4957.7	4949.2
19°	4996.5	4992.9	4973.5	4955.2	4946.7
19.5°	4996.5	4991.7	4971.0	4951.6	4943.1
20°	4995.3	4990.5	4968.6	4949.2	4940.7
20.5°	4994.1	4989.2	4967.4	4946.7	4937.0
21°	4994.1	4988.0	4965.0	4943.1	4933.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	4989.2	4982.0	4956.4	4932.2	4921.2
23°	4986.8	4979.5	4952.8	4928.5	4917.6
23.5°	4984.4	4977.1	4949.2	4923.6	4912.7
24°	4982.0	4974.7	4945.5	4918.8	4907.9
24.5°	4979.5	4971.0	4941.9	4913.9	4903.0
25°	4975.9	4967.4	4937.0	4909.1	4898.1
25.5°	4972.2	4963.7	4932.2	4904.2	4892.1
26°	4968.6	4960.1	4927.3	4899.4	4887.2
26.5°	4965.0	4955.2	4922.4	4893.3	4881.1
27°	4960.1	4950.4	4916.4	4887.2	4875.1
27.5°	4955.2	4945.5	4910.3	4881.1	4869.0
28°	4950.4	4939.4	4904.2	4875.1	4862.9
28.5°	4944.3	4933.4	4898.1	4867.8	4855.6
29°	4938.2	4927.3	4890.8	4860.5	4848.3
29.5°	4932.2	4920.0	4883.6	4853.2	4839.8
30°	4924.9	4912.7	4875.1	4844.7	4831.3
30.5°	4917.6	4905.4	4866.6	4836.2	4824.0
31°	4909.1	4896.9	4858.0	4827.7	4814.3
31.5°	4901.8	4888.4	4848.3	4819.2	4805.8
32°	4892.1	4878.7	4839.8	4809.5	4796.1
32.5°	4882.3	4869.0	4828.9	4798.5	4785.2
33°	4872.6	4858.0	4818.0	4788.8	4774.2
33.5°	4861.7	4847.1	4807.0	4777.9	4763.3
34°	4849.5	4835.0	4794.9	4765.7	4752.4
34.5°	4837.4	4822.8	4782.7	4753.6	4740.2
35°	4825.2	4809.5	4769.4	4740.2	4726.8
35.5°	4811.9	4796.1	4756.0	4726.8	4713.5
36°	4798.5	4781.5	4741.4	4713.5	4698.9
36.5°	4782.7	4766.9	4726.8	4698.9	4685.5
37°	4766.9	4751.1	4711.1	4683.1	4669.8
37.5°	4751.1	4734.1	4695.3	4667.3	4652.7
38°	4734.1	4718.3	4678.3	4651.5	4637.0
38.5°	4717.1	4700.1	4660.0	4633.3	4619.9
39°	4698.9	4680.7	4641.8	4616.3	4601.7
39.5°	4679.5	4661.2	4623.6	4596.9	4583.5
40°	4658.8	4641.8	4602.9	4577.4	4564.1
40.5°	4639.4	4621.2	4582.3	4558.0	4543.4
41°	4617.5	4599.3	4561.6	4536.1	4521.5
41.5°	4594.4	4576.2	4538.6	4514.3	4499.7
42°	4571.4	4553.1	4515.5	4492.4	4476.6
42.5°	4547.1	4528.8	4491.2	4468.1	4453.5
43°	4522.8	4503.3	4466.9	4443.8	4429.2
43.5°	4497.2	4477.8	4441.4	4418.3	4403.7



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	4413.4	4394.0	4358.8	4338.1	4322.3
45.5°	4384.3	4363.6	4329.6	4309.0	4294.4
46°	4353.9	4333.2	4299.2	4278.6	4264.0
46.5°	4322.3	4301.7	4268.9	4248.2	4233.6
47°	4289.5	4270.1	4236.1	4217.8	4202.0
47.5°	4256.7	4236.1	4203.3	4185.0	4169.2
48°	4223.9	4202.0	4170.5	4151.0	4135.2
48.5°	4188.7	4168.0	4136.4	4118.2	4103.6
49°	4151.0	4131.6	4100.0	4080.6	4067.2
49.5°	4114.6	4095.1	4063.6	4045.3	4030.8
50°	4076.9	4056.3	4027.1	4008.9	3994.3
50.5°	4038.0	4017.4	3988.2	3970.0	3956.7
51°	3999.2	3978.5	3949.4	3931.1	3916.6
51.5°	3957.9	3937.2	3908.1	3891.1	3877.7
52°	3916.6	3895.9	3866.8	3851.0	3837.6
52.5°	3875.3	3854.6	3825.5	3808.4	3796.3
53°	3830.3	3810.9	3784.2	3768.4	3755.0
53.5°	3785.4	3765.9	3739.2	3723.4	3711.3
54°	3740.4	3721.0	3694.3	3678.5	3667.5
54.5°	3696.7	3676.0	3650.5	3634.7	3623.8
55°	3649.3	3629.9	3604.4	3588.6	3577.6
55.5°	3601.9	3582.5	3557.0	3541.2	3531.5
56°	3552.1	3533.9	3508.4	3495.0	3485.3
56.5°	3502.3	3485.3	3459.8	3446.4	3436.7
57°	3453.7	3435.5	3411.2	3399.1	3389.3
57.5°	3405.1	3385.7	3361.4	3349.2	3339.5
58°	3351.7	3333.5	3310.4	3298.2	3289.7
58.5°	3299.4	3282.4	3258.1	3247.2	3238.7
59°	3247.2	3230.2	3207.1	3196.2	3187.7
59.5°	3192.5	3176.7	3153.7	3142.7	3134.2
60°	3139.1	3122.1	3100.2	3090.5	3082.0
60.5°	3084.4	3069.8	3046.8	3037.0	3028.5
61°	3028.5	3014.0	2992.1	2982.4	2973.9
61.5°	2971.4	2959.3	2937.4	2927.7	2920.4
62°	2915.6	2903.4	2881.5	2873.0	2865.7
62.5°	2858.5	2846.3	2824.4	2815.9	2808.7
63°	2801.4	2789.2	2768.6	2760.1	2752.8
63.5°	2743.1	2730.9	2711.5	2703.0	2695.7
64°	2684.7	2672.6	2651.9	2645.9	2637.4
64.5°	2626.4	2614.3	2593.6	2587.6	2580.3
65°	2566.9	2557.2	2537.7	2530.5	2525.6
65.5°	2508.6	2496.4	2478.2	2472.1	2464.9
66°	2446.6	2436.9	2418.7	2412.6	2407.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	2266.8	2255.9	2240.1	2234.0	2228.0
68°	2204.9	2195.2	2179.4	2174.5	2168.4
68.5°	2142.9	2133.2	2117.4	2113.8	2110.1
69°	2081.0	2071.3	2057.9	2054.3	2049.4
69.5°	2020.2	2010.5	1998.4	1994.7	1988.7
70°	1958.3	1949.8	1937.6	1934.0	1927.9
70.5°	1896.3	1887.8	1876.9	1873.2	1867.2
71°	1834.4	1827.1	1817.4	1812.5	1806.4
71.5°	1773.6	1766.3	1755.4	1751.8	1746.9
72°	1711.7	1705.6	1694.7	1692.2	1686.2
72.5°	1649.7	1644.9	1633.9	1631.5	1626.6
73°	1587.8	1582.9	1572.0	1569.5	1565.9
73.5°	1527.0	1522.2	1512.4	1508.8	1505.2
74°	1466.3	1462.6	1452.9	1450.5	1445.6
74.5°	1404.3	1401.9	1393.4	1389.7	1386.1
75°	1342.4	1342.4	1333.9	1331.4	1327.8
75.5°	1282.8	1282.8	1274.3	1271.9	1268.3
76°	1223.3	1223.3	1214.8	1212.5	1207.6
76.5°	1163.2	1163.7	1156.5	1154.0	1149.9
77°	1105.6	1106.1	1099.7	1096.4	1092.4
77.5°	1044.0	1046.9	1041.6	1038.7	1034.7
78°	986.6	990.2	984.7	982.4	979.0
78.5°	932.4	934.7	931.2	928.4	923.6
79°	875.6	877.5	875.2	872.7	868.1
79.5°	819.8	822.8	821.2	819.0	813.7
80°	766.2	768.4	768.7	765.5	760.5
80.5°	709.8	714.3	715.0	711.8	709.2
81°	657.7	662.0	663.2	661.2	657.8
81.5°	606.4	611.4	612.5	611.4	607.0
82°	555.0	561.1	562.9	562.1	557.2
82.5°	506.0	512.8	514.7	514.0	509.5
83°	458.3	465.8	467.6	468.2	464.1
83.5°	412.3	419.4	421.7	422.4	417.9
84°	368.1	374.4	377.3	378.5	374.8
84.5°	326.1	331.2	334.7	336.3	334.4
85°	286.5	290.1	293.4	295.6	293.0
85.5°	248.1	251.0	253.4	256.8	254.7
86°	212.3	215.3	217.0	219.6	219.6
86.5°	178.3	179.7	181.0	184.2	184.2
87°	145.8	145.9	146.4	150.4	150.5
87.5°	112.5	113.5	113.9	117.5	118.7
88°	79.3	82.1	82.9	86.1	85.9
88.5°	56.1	56.1	56.0	59.3	60.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	2.7	2.6	2.7	2.8	2.6
90.5°	0.9	0.7	0.9	1.0	0.9
91°	0.9	0.7	0.7	0.9	0.7
91.5°	1.1	0.9	1.0	0.7	0.6
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	0.7
93.5°	1.1	0.9	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	0.9	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	1.5
97.5°	1.5	1.2	1.2	1.1	1.5
98°	1.6	1.3	1.3	1.3	1.6
98.5°	1.6	1.3	1.2	1.2	1.5
99°	1.5	1.5	1.3	1.2	1.3
99.5°	1.6	1.2	1.5	1.3	1.3
100°	1.6	1.5	1.5	1.5	1.6
100.5°	1.6	1.6	1.5	1.6	1.6
101°	1.7	1.5	1.5	1.5	1.5
101.5°	1.8	1.5	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	1.5	1.7	1.6	1.7
103.5°	1.8	1.8	1.7	1.7	1.6
104°	2.1	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	2.1	2.1
105.5°	2.1	1.7	1.9	1.8	1.8
106°	1.9	1.9	2.1	2.1	2.2
106.5°	2.2	1.9	2.1	1.9	1.8
107°	2.1	2.1	2.2	2.2	1.9
107.5°	2.3	2.1	2.2	2.3	2.2
108°	2.3	2.1	1.9	2.3	2.1
108.5°	2.3	2.3	2.3	2.2	2.1
109°	2.4	2.3	2.3	2.3	2.4
109.5°	2.6	2.2	2.6	2.4	2.2
110°	2.4	2.4	2.4	2.6	2.4
110.5°	2.6	2.4	2.6	2.6	2.7
111°	2.6	2.7	2.7	2.7	2.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L950-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	2.9	3.0	3.2	3.0	2.8
113°	3.3	2.9	2.9	3.0	3.0
113.5°	3.3	3.3	3.3	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	3.3
115°	3.6	3.6	3.5	3.6	3.5
115.5°	4.0	3.6	3.9	3.8	3.5
116°	3.9	4.0	4.0	3.9	3.8
116.5°	4.1	4.1	4.1	4.1	4.0
117°	4.4	4.4	4.4	4.4	3.9
117.5°	4.6	4.4	4.5	4.4	4.1
118°	4.6	4.5	4.7	4.5	4.3
118.5°	5.0	4.7	4.7	4.6	4.5
119°	5.0	5.0	5.1	4.7	4.7
119.5°	5.1	5.1	5.1	5.0	4.9
120°	5.3	5.3	5.2	5.1	5.2
120.5°	5.5	5.2	5.5	5.3	5.2
121°	5.5	5.5	5.5	5.5	5.2
121.5°	6.1	5.8	5.7	5.5	5.5
122°	5.7	6.1	5.8	5.7	5.8
122.5°	6.2	6.1	6.0	6.0	5.7
123°	6.3	6.3	6.1	6.1	6.0
123.5°	6.3	6.6	6.2	6.0	6.2
124°	6.4	6.6	6.4	6.2	6.2
124.5°	6.8	6.6	6.4	6.3	6.3
125°	7.0	6.8	6.7	6.6	6.6
125.5°	7.0	6.9	6.7	6.6	6.7
126°	7.0	6.8	6.7	6.7	6.6
126.5°	6.8	6.9	7.0	6.7	6.8
127°	7.0	7.0	6.8	6.7	6.6
127.5°	7.3	7.2	7.0	6.7	6.6
128°	7.3	6.9	6.9	6.7	6.8
128.5°	7.0	7.0	6.8	6.6	6.8
129°	6.9	6.9	6.8	6.7	6.6
129.5°	6.8	6.9	6.8	6.7	6.7
130°	6.8	6.9	6.7	6.4	6.6
130.5°	7.0	6.8	6.8	6.2	6.6
131°	6.7	6.7	6.7	6.3	6.4
131.5°	6.8	6.6	6.3	6.2	6.3
132°	6.7	6.4	6.4	6.2	6.2
132.5°	6.7	6.4	6.3	6.2	6.3
133°	6.4	6.2	6.2	5.8	6.1
133.5°	6.6	6.2	6.0	5.7	6.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L950-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	6.3	6.0	5.7	5.6	6.1
135.5°	6.0	6.1	5.7	5.5	5.8
136°	5.8	5.7	5.5	5.2	5.8
136.5°	6.0	5.7	5.5	5.2	5.7
137°	5.8	5.6	5.5	5.2	5.6
137.5°	5.7	5.5	5.3	5.0	5.3
138°	5.6	5.3	5.1	5.0	5.3
138.5°	5.7	5.3	5.2	4.9	5.2
139°	5.0	5.2	5.1	4.6	5.3
139.5°	5.3	5.0	4.9	4.7	5.2
140°	5.2	4.9	5.0	4.6	4.9
140.5°	5.2	4.9	4.9	4.6	4.9
141°	5.0	4.9	4.7	4.4	4.6
141.5°	4.6	4.9	4.9	4.4	4.6
142°	4.5	4.5	4.7	4.5	4.3
142.5°	4.5	4.7	4.6	4.4	4.3
143°	4.7	4.6	4.6	4.5	4.3
143.5°	4.7	4.6	4.6	4.3	4.3
144°	4.7	4.4	4.7	4.1	4.4
144.5°	4.5	4.4	4.5	4.3	4.4
145°	4.6	4.4	4.5	4.0	4.4
145.5°	4.5	4.3	4.4	4.0	4.6
146°	4.5	4.3	4.1	4.0	4.4
146.5°	4.6	4.3	4.1	4.0	4.4
147°	4.5	4.3	4.0	4.1	4.1
147.5°	4.4	4.3	4.0	4.1	4.5
148°	4.5	4.3	4.1	4.0	4.5
148.5°	4.6	4.4	4.1	4.0	4.5
149°	4.5	4.3	4.1	4.0	4.5
149.5°	4.7	4.1	4.1	4.0	4.6
150°	4.6	4.4	4.1	4.0	4.5
150.5°	4.5	4.3	4.1	4.1	4.5
151°	4.7	4.3	4.0	4.1	4.7
151.5°	4.6	4.4	4.0	4.1	4.7
152°	4.7	4.4	4.3	4.4	4.5
152.5°	4.7	4.5	4.1	4.3	4.7
153°	4.6	4.4	4.3	4.5	4.9
153.5°	5.0	4.5	4.1	4.4	4.7
154°	4.7	4.5	4.4	4.4	4.7
154.5°	4.7	4.4	4.4	4.6	4.9
155°	4.5	4.5	4.5	4.6	5.0
155.5°	4.7	4.4	4.4	4.5	4.9
156°	4.5	4.5	4.5	4.5	4.9



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L950-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	4.5	4.3	4.4	4.6	4.7
158°	4.9	4.5	4.4	4.5	4.9
158.5°	4.6	4.5	4.3	4.5	4.7
159°	4.7	4.5	4.4	4.5	5.0
159.5°	4.6	4.4	4.4	4.5	5.1
160°	4.6	4.5	4.3	4.5	4.9
160.5°	4.5	4.4	4.4	4.6	4.9
161°	4.5	4.4	4.4	4.6	4.9
161.5°	4.6	4.5	4.4	4.4	4.6
162°	4.5	4.4	4.5	4.6	4.6
162.5°	4.7	4.6	4.5	4.5	4.7
163°	4.7	4.5	4.6	4.6	4.6
163.5°	4.6	4.5	4.6	4.6	5.0
164°	4.5	4.6	4.5	4.9	4.9
164.5°	4.4	4.7	4.6	4.9	5.0
165°	4.5	4.5	4.4	4.7	4.9
165.5°	4.3	4.5	4.4	5.1	4.9
166°	4.6	4.6	4.5	4.9	4.7
166.5°	4.6	4.5	4.4	5.0	4.5
167°	4.5	4.9	4.5	5.1	5.0
167.5°	4.6	4.9	4.6	5.2	5.0
168°	4.7	4.7	4.5	5.1	4.9
168.5°	4.6	5.0	4.7	5.5	5.0
169°	5.0	4.9	4.5	5.5	5.0
169.5°	4.9	4.9	4.6	5.3	5.1
170°	5.0	4.9	4.7	5.5	5.0
170.5°	5.0	5.1	4.7	5.5	5.2
171°	5.0	5.0	5.0	5.5	5.3
171.5°	4.9	5.0	5.0	5.6	5.1
172°	4.9	5.0	5.1	5.6	5.2
172.5°	5.1	5.1	5.2	5.6	5.2
173°	4.9	4.9	5.2	5.6	5.3
173.5°	5.2	5.1	5.3	5.5	5.5
174°	5.3	5.3	5.7	5.6	5.3
174.5°	5.3	5.6	5.6	5.8	5.6
175°	5.7	5.6	5.7	5.8	5.5
175.5°	5.7	5.6	6.0	5.7	5.7
176°	6.0	5.8	5.7	5.6	5.6
176.5°	6.1	5.7	5.8	5.3	5.6
177°	5.8	5.7	5.5	5.3	5.6
177.5°	6.0	5.7	5.3	5.2	5.7
178°	5.6	5.5	5.2	5.2	5.3
178.5°	5.5	5.3	5.1	5.1	5.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L950-CFR2

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°	4992.9	4986.8	4962.5	4939.4	4929.7
22°	4990.5	4984.4	4958.9	4935.8	4926.1



44°	4469.3	4451.1	4414.6	4392.8	4378.2
44.5°	4441.4	4421.9	4387.9	4364.8	4350.3



66.5°	2387.1	2377.4	2359.2	2353.1	2347.0
67°	2327.6	2316.7	2299.6	2293.6	2288.7



89°	35.5	34.9	34.5	36.3	36.8
89.5°	15.7	15.9	15.5	16.6	16.4



111.5°	3.0	2.7	2.8	2.8	2.7
112°	3.0	2.8	2.8	2.8	3.0



134°	6.2	6.1	6.0	5.8	6.2
134.5°	6.3	6.0	6.0	5.6	5.8



156.5°	4.7	4.4	4.5	4.6	4.7
157°	4.6	4.4	4.5	4.5	4.7



179°	5.2	5.1	4.9	5.0	5.2
179.5°	4.6	4.9	4.7	4.6	5.0



(END OF REPORT)