

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-L930-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-L930-CFD2
Description: 20000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS
AND 3000K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

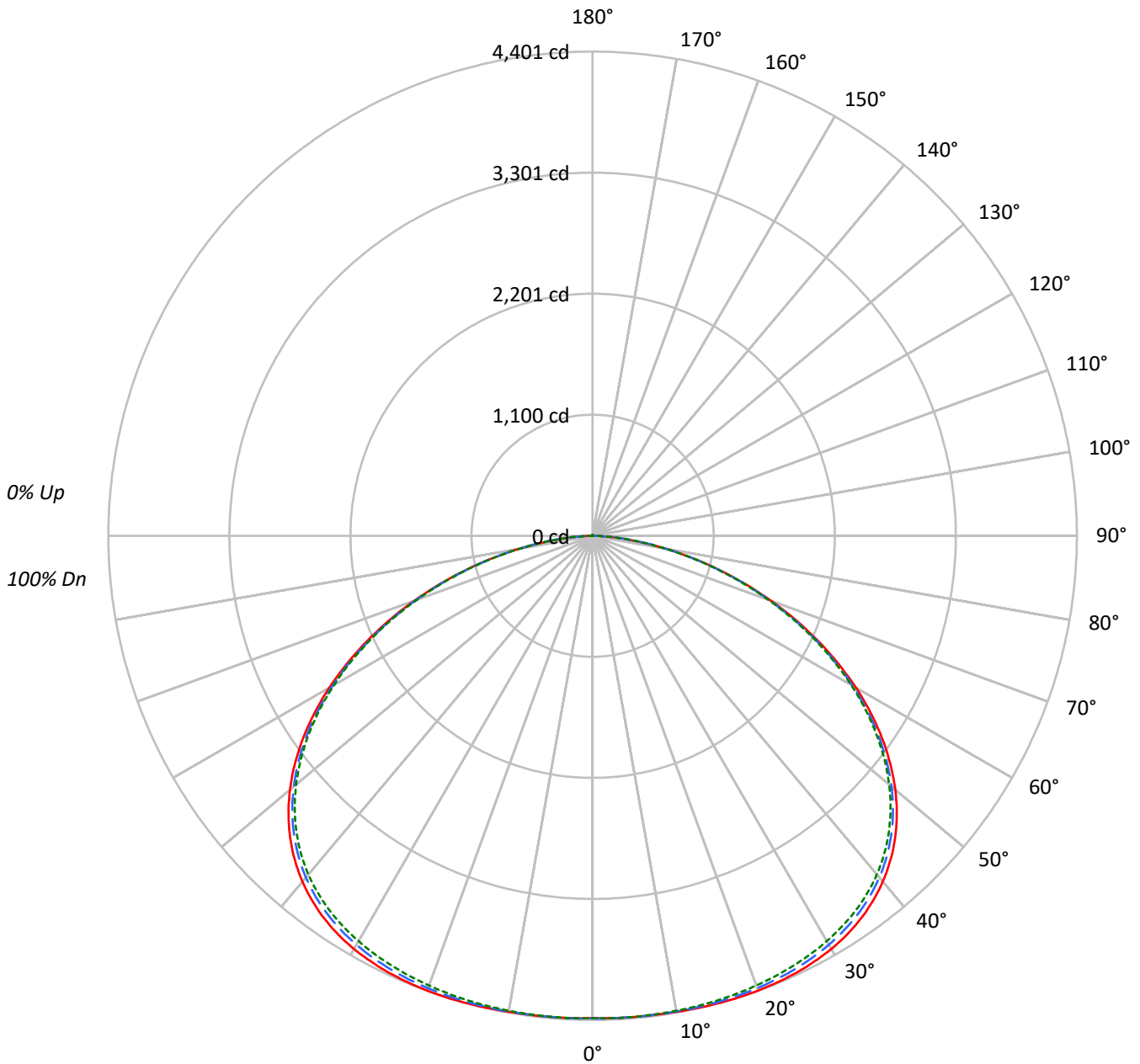
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15881.0 lumens
Efficiency: N/A
Efficacy: 96.7 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

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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°	3131	3131	3131
5°	3134	3129	3134
10°	3162	3149	3154
15°	3215	3191	3195
20°	3290	3252	3254
25°	3384	3330	3331
30°	3488	3419	3422
35°	3595	3511	3522
40°	3690	3594	3615
45°	3762	3653	3685
50°	3793	3673	3716
55°	3769	3635	3695
60°	3674	3527	3607
65°	3496	3340	3440
70°	3220	3052	3170
75°	2810	2641	2780
80°	2231	2070	2214
85°	1386	1249	1418



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	419.1	2.6
10°-20°	1243.1	7.8
20°-30°	2009.5	12.7
30°-40°	2632.1	16.6
40°-50°	2960.6	18.6
50°-60°	2832.9	17.8
60°-70°	2209.5	13.9
70°-80°	1245.2	7.8
80°-90°	308.1	1.9
90°-100°	1.1	0.0
100°-110°	1.8	0.0
110°-120°	3.2	0.0
120°-130°	5.0	0.0
130°-140°	4.0	0.0
140°-150°	2.4	0.0
150°-160°	1.8	0.0
160°-170°	1.2	0.0
170°-180°	0.4	0.0
0°-30°	3671.7	23.1
0°-40°	6303.7	39.7
0°-60°	12097.2	76.2
0°-90°	15860.0	99.9
90°-120°	6.1	0.0
90°-150°	17.6	0.1
90°-180°	21.0	0.1
0°-180°	15881.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4386	4386	4386	4386	4386	
5°	4390	4391	4390	4390	4389	419
15°	4400	4399	4388	4378	4373	1247
25°	4382	4374	4347	4323	4313	2025
35°	4249	4235	4200	4174	4162	2660
45°	3886	3869	3838	3820	3806	2994
55°	3214	3196	3174	3160	3150	2864
65°	2260	2252	2235	2228	2224	2231
75°	1182	1182	1175	1172	1169	1253
85°	252	256	258	260	258	292
90°	2	2	2	2	2	12
95°	1	1	1	1	1	1
105°	2	2	2	2	2	2
115°	3	3	3	3	3	3
125°	6	6	6	6	6	5
135°	6	5	5	5	5	4
145°	4	4	4	4	4	3
155°	4	4	4	4	4	2
165°	4	4	4	4	4	1
175°	5	5	5	5	5	0
180°	4	4	4	4	4	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4385.9	4385.9	4385.9	4385.9	4385.9
0.5°	4384.8	4388.0	4389.1	4388.0	4385.9
1°	4385.9	4388.0	4389.1	4389.1	4386.9
1.5°	4386.9	4389.1	4389.1	4389.1	4388.0
2°	4386.9	4389.1	4389.1	4390.1	4388.0
2.5°	4388.0	4390.1	4390.1	4390.1	4388.0
3°	4389.1	4390.1	4390.1	4390.1	4389.1
3.5°	4389.1	4390.1	4390.1	4390.1	4389.1
4°	4390.1	4390.1	4390.1	4390.1	4389.1
4.5°	4390.1	4391.2	4390.1	4390.1	4389.1
5°	4390.1	4391.2	4390.1	4390.1	4389.1
5.5°	4390.1	4391.2	4390.1	4390.1	4389.1
6°	4391.2	4391.2	4390.1	4390.1	4388.0
6.5°	4391.2	4392.3	4391.2	4390.1	4388.0
7°	4391.2	4392.3	4390.1	4390.1	4388.0
7.5°	4391.2	4392.3	4390.1	4389.1	4386.9
8°	4392.3	4392.3	4391.2	4389.1	4386.9
8.5°	4392.3	4393.4	4390.1	4389.1	4385.9
9°	4393.4	4393.4	4391.2	4388.0	4385.9
9.5°	4393.4	4394.4	4390.1	4388.0	4384.8
10°	4394.4	4394.4	4390.1	4386.9	4383.7
10.5°	4395.5	4395.5	4390.1	4386.9	4383.7
11°	4395.5	4395.5	4390.1	4385.9	4382.7
11.5°	4396.6	4396.6	4390.1	4384.8	4381.6
12°	4396.6	4396.6	4390.1	4384.8	4380.5
12.5°	4397.6	4396.6	4389.1	4383.7	4379.5
13°	4397.6	4396.6	4389.1	4382.7	4378.4
13.5°	4398.7	4397.6	4389.1	4381.6	4377.3
14°	4398.7	4397.6	4389.1	4380.5	4375.2
14.5°	4399.8	4397.6	4388.0	4379.5	4374.1
15°	4399.8	4398.7	4388.0	4378.4	4373.0
15.5°	4400.8	4398.7	4386.9	4376.2	4370.9
16°	4399.8	4398.7	4385.9	4375.2	4368.8
16.5°	4400.8	4398.7	4385.9	4373.0	4366.6
17°	4400.8	4397.6	4384.8	4370.9	4365.5
17.5°	4400.8	4397.6	4382.7	4369.8	4363.4
18°	4400.8	4397.6	4381.6	4367.7	4360.2
18.5°	4400.8	4396.6	4380.5	4365.5	4358.1
19°	4399.8	4396.6	4379.5	4363.4	4355.9
19.5°	4399.8	4395.5	4377.3	4360.2	4352.7
20°	4398.7	4394.4	4375.2	4358.1	4350.6
20.5°	4397.6	4393.4	4374.1	4355.9	4347.4
21°	4397.6	4392.3	4372.0	4352.7	4344.2



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	4393.4	4386.9	4364.5	4343.1	4333.5
23°	4391.2	4384.8	4361.3	4339.9	4330.2
23.5°	4389.1	4382.7	4358.1	4335.6	4326.0
24°	4386.9	4380.5	4354.8	4331.3	4321.7
24.5°	4384.8	4377.3	4351.6	4327.0	4317.4
25°	4381.6	4374.1	4347.4	4322.8	4313.1
25.5°	4378.4	4370.9	4343.1	4318.5	4307.8
26°	4375.2	4367.7	4338.8	4314.2	4303.5
26.5°	4372.0	4363.4	4334.5	4308.9	4298.2
27°	4367.7	4359.1	4329.2	4303.5	4292.8
27.5°	4363.4	4354.8	4323.8	4298.2	4287.5
28°	4359.1	4349.5	4318.5	4292.8	4282.1
28.5°	4353.8	4344.2	4313.1	4286.4	4275.7
29°	4348.4	4338.8	4306.7	4280.0	4269.3
29.5°	4343.1	4332.4	4300.3	4273.5	4261.8
30°	4336.7	4326.0	4292.8	4266.1	4254.3
30.5°	4330.2	4319.5	4285.3	4258.6	4247.9
31°	4322.8	4312.1	4277.8	4251.1	4239.3
31.5°	4316.3	4304.6	4269.3	4243.6	4231.8
32°	4307.8	4296.0	4261.8	4235.0	4223.3
32.5°	4299.2	4287.5	4252.2	4225.4	4213.6
33°	4290.7	4277.8	4242.5	4216.9	4204.0
33.5°	4281.0	4268.2	4232.9	4207.2	4194.4
34°	4270.3	4257.5	4222.2	4196.5	4184.8
34.5°	4259.6	4246.8	4211.5	4185.8	4174.1
35°	4248.9	4235.0	4199.7	4174.1	4162.3
35.5°	4237.2	4223.3	4188.0	4162.3	4150.5
36°	4225.4	4210.4	4175.1	4150.5	4137.7
36.5°	4211.5	4197.6	4162.3	4137.7	4125.9
37°	4197.6	4183.7	4148.4	4123.8	4112.0
37.5°	4183.7	4168.7	4134.5	4109.9	4097.0
38°	4168.7	4154.8	4119.5	4096.0	4083.1
38.5°	4153.7	4138.8	4103.5	4079.9	4068.2
39°	4137.7	4121.6	4087.4	4065.0	4052.1
39.5°	4120.6	4104.5	4071.4	4047.8	4036.1
40°	4102.4	4087.4	4053.2	4030.7	4019.0
40.5°	4085.3	4069.2	4035.0	4013.6	4000.8
41°	4066.0	4050.0	4016.8	3994.4	3981.5
41.5°	4045.7	4029.7	3996.5	3975.1	3962.3
42°	4025.4	4009.3	3976.2	3955.8	3941.9
42.5°	4004.0	3987.9	3954.8	3934.4	3921.6
43°	3982.6	3965.5	3933.4	3913.1	3900.2
43.5°	3960.1	3943.0	3910.9	3890.6	3877.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	3886.3	3869.2	3838.2	3820.0	3806.1
45.5°	3860.6	3842.5	3812.5	3794.3	3781.5
46°	3833.9	3815.7	3785.8	3767.6	3754.7
46.5°	3806.1	3787.9	3759.0	3740.8	3728.0
47°	3777.2	3760.1	3730.1	3714.1	3700.2
47.5°	3748.3	3730.1	3701.2	3685.2	3671.3
48°	3719.4	3700.2	3672.4	3655.2	3641.3
48.5°	3688.4	3670.2	3642.4	3626.4	3613.5
49°	3655.2	3638.1	3610.3	3593.2	3581.4
49.5°	3623.2	3606.0	3578.2	3562.2	3549.3
50°	3590.0	3571.8	3546.1	3530.1	3517.3
50.5°	3555.8	3537.6	3511.9	3495.9	3484.1
51°	3521.5	3503.3	3477.7	3461.6	3448.8
51.5°	3485.2	3467.0	3441.3	3426.3	3414.6
52°	3448.8	3430.6	3404.9	3391.0	3379.3
52.5°	3412.4	3394.2	3368.6	3353.6	3342.9
53°	3372.8	3355.7	3332.2	3318.3	3306.5
53.5°	3333.3	3316.1	3292.6	3278.7	3268.0
54°	3293.7	3276.6	3253.0	3239.1	3229.5
54.5°	3255.2	3237.0	3214.5	3200.6	3191.0
55°	3213.5	3196.3	3173.9	3160.0	3150.3
55.5°	3171.7	3154.6	3132.2	3118.2	3109.7
56°	3127.9	3111.8	3089.4	3077.6	3069.0
56.5°	3084.0	3069.0	3046.6	3034.8	3026.3
57°	3041.2	3025.2	3003.8	2993.1	2984.5
57.5°	2998.4	2981.3	2959.9	2949.2	2940.7
58°	2951.4	2935.3	2915.0	2904.3	2896.8
58.5°	2905.4	2890.4	2869.0	2859.4	2851.9
59°	2859.4	2844.4	2824.1	2814.4	2807.0
59.5°	2811.2	2797.3	2777.0	2767.4	2759.9
60°	2764.2	2749.2	2729.9	2721.4	2713.9
60.5°	2716.0	2703.2	2682.9	2674.3	2666.8
61°	2666.8	2654.0	2634.7	2626.2	2618.7
61.5°	2616.5	2605.8	2586.6	2578.0	2571.6
62°	2567.3	2556.6	2537.4	2529.9	2523.5
62.5°	2517.1	2506.4	2487.1	2479.6	2473.2
63°	2466.8	2456.1	2437.9	2430.4	2424.0
63.5°	2415.4	2404.7	2387.6	2380.1	2373.7
64°	2364.1	2353.4	2335.2	2329.9	2322.4
64.5°	2312.7	2302.0	2283.9	2278.5	2272.1
65°	2260.3	2251.8	2234.7	2228.2	2224.0
65.5°	2209.0	2198.3	2182.2	2176.9	2170.5
66°	2154.4	2145.9	2129.8	2124.5	2120.2



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1996.1	1986.5	1972.6	1967.2	1961.9
68°	1941.6	1933.0	1919.1	1914.8	1909.5
68.5°	1887.0	1878.4	1864.5	1861.3	1858.1
69°	1832.4	1823.9	1812.1	1808.9	1804.6
69.5°	1779.0	1770.4	1759.7	1756.5	1751.1
70°	1724.4	1716.9	1706.2	1703.0	1697.7
70.5°	1669.8	1662.4	1652.7	1649.5	1644.2
71°	1615.3	1608.9	1600.3	1596.0	1590.7
71.5°	1561.8	1555.4	1545.8	1542.5	1538.3
72°	1507.2	1501.9	1492.3	1490.1	1484.8
72.5°	1452.7	1448.4	1438.8	1436.6	1432.4
73°	1398.1	1393.9	1384.2	1382.1	1378.9
73.5°	1344.6	1340.4	1331.8	1328.6	1325.4
74°	1291.2	1287.9	1279.4	1277.3	1273.0
74.5°	1236.6	1234.5	1227.0	1223.8	1220.6
75°	1182.0	1182.0	1174.6	1172.4	1169.2
75.5°	1129.6	1129.6	1122.1	1120.0	1116.8
76°	1077.2	1077.2	1069.7	1067.7	1063.4
76.5°	1024.3	1024.7	1018.4	1016.1	1012.6
77°	973.6	974.0	968.3	965.4	961.9
77.5°	919.3	921.9	917.2	914.6	911.1
78°	868.7	871.9	867.1	865.1	862.1
78.5°	821.0	823.0	819.9	817.5	813.3
79°	771.1	772.7	770.6	768.5	764.4
79.5°	721.9	724.5	723.1	721.2	716.5
80°	674.7	676.6	676.9	674.0	669.6
80.5°	625.0	629.0	629.6	626.8	624.5
81°	579.1	582.9	584.0	582.3	579.3
81.5°	534.0	538.4	539.4	538.4	534.5
82°	488.8	494.1	495.7	495.0	490.7
82.5°	445.5	451.5	453.2	452.6	448.6
83°	403.6	410.1	411.7	412.3	408.6
83.5°	363.1	369.3	371.3	371.9	368.0
84°	324.1	329.7	332.3	333.3	330.0
84.5°	287.1	291.6	294.7	296.1	294.5
85°	252.2	255.5	258.3	260.3	258.0
85.5°	218.4	221.0	223.1	226.1	224.3
86°	187.0	189.6	191.1	193.4	193.4
86.5°	157.0	158.2	159.4	162.2	162.2
87°	128.4	128.5	128.9	132.4	132.5
87.5°	99.1	99.9	100.3	103.4	104.5
88°	69.9	72.3	73.0	75.8	75.6
88.5°	49.4	49.4	49.3	52.2	52.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	2.4	2.2	2.4	2.5	2.2
90.5°	0.7	0.6	0.7	0.9	0.7
91°	0.7	0.6	0.6	0.7	0.6
91.5°	1.0	0.7	0.9	0.6	0.5
92°	0.7	0.7	0.7	0.9	0.7
92.5°	0.9	0.7	0.7	0.9	0.7
93°	0.9	0.9	0.9	0.7	0.6
93.5°	1.0	0.7	0.9	0.9	1.0
94°	1.0	0.9	1.0	0.9	1.1
94.5°	1.0	1.0	0.9	1.0	1.0
95°	1.0	0.7	1.0	0.9	1.1
95.5°	0.9	1.0	1.1	1.0	1.1
96°	1.2	1.2	1.0	1.0	1.1
96.5°	1.2	1.1	1.1	1.0	1.1
97°	1.2	1.1	1.2	1.0	1.3
97.5°	1.3	1.1	1.1	1.0	1.3
98°	1.4	1.2	1.2	1.2	1.4
98.5°	1.4	1.2	1.1	1.1	1.3
99°	1.3	1.3	1.2	1.1	1.2
99.5°	1.4	1.1	1.3	1.2	1.2
100°	1.4	1.3	1.3	1.3	1.4
100.5°	1.4	1.4	1.3	1.4	1.4
101°	1.5	1.3	1.3	1.3	1.3
101.5°	1.6	1.3	1.4	1.4	1.5
102°	1.7	1.4	1.5	1.4	1.5
102.5°	1.5	1.4	1.4	1.5	1.5
103°	1.5	1.3	1.5	1.4	1.5
103.5°	1.6	1.6	1.5	1.5	1.4
104°	1.8	1.6	1.6	1.5	1.4
104.5°	1.6	1.7	1.7	1.7	1.5
105°	1.9	1.7	1.6	1.8	1.8
105.5°	1.8	1.5	1.7	1.6	1.6
106°	1.7	1.7	1.8	1.8	1.9
106.5°	1.9	1.7	1.8	1.7	1.6
107°	1.8	1.8	1.9	1.9	1.7
107.5°	2.0	1.8	1.9	2.0	1.9
108°	2.0	1.8	1.7	2.0	1.8
108.5°	2.0	2.0	2.0	1.9	1.8
109°	2.1	2.0	2.0	2.0	2.1
109.5°	2.2	1.9	2.2	2.1	1.9
110°	2.1	2.1	2.1	2.2	2.1
110.5°	2.2	2.1	2.2	2.2	2.4
111°	2.2	2.4	2.4	2.4	2.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L930-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	2.6	2.7	2.8	2.7	2.5
113°	2.9	2.6	2.6	2.7	2.7
113.5°	2.9	2.9	2.9	3.0	3.0
114°	3.0	3.0	3.1	3.1	3.0
114.5°	3.2	3.2	3.1	3.1	2.9
115°	3.2	3.2	3.1	3.2	3.1
115.5°	3.5	3.2	3.4	3.3	3.1
116°	3.4	3.5	3.5	3.4	3.3
116.5°	3.6	3.6	3.6	3.6	3.5
117°	3.9	3.9	3.9	3.9	3.4
117.5°	4.1	3.9	4.0	3.9	3.6
118°	4.1	4.0	4.2	4.0	3.7
118.5°	4.4	4.2	4.2	4.1	4.0
119°	4.4	4.4	4.5	4.2	4.2
119.5°	4.5	4.5	4.5	4.4	4.3
120°	4.7	4.7	4.6	4.5	4.6
120.5°	4.8	4.6	4.8	4.7	4.6
121°	4.8	4.8	4.8	4.8	4.6
121.5°	5.3	5.1	5.0	4.8	4.8
122°	5.0	5.3	5.1	5.0	5.1
122.5°	5.5	5.3	5.2	5.2	5.0
123°	5.6	5.6	5.3	5.3	5.2
123.5°	5.6	5.8	5.5	5.2	5.5
124°	5.7	5.8	5.7	5.5	5.5
124.5°	6.0	5.8	5.7	5.6	5.6
125°	6.2	6.0	5.9	5.8	5.8
125.5°	6.2	6.1	5.9	5.8	5.9
126°	6.2	6.0	5.9	5.9	5.8
126.5°	6.0	6.1	6.2	5.9	6.0
127°	6.2	6.2	6.0	5.9	5.8
127.5°	6.4	6.3	6.2	5.9	5.8
128°	6.4	6.1	6.1	5.9	6.0
128.5°	6.2	6.2	6.0	5.8	6.0
129°	6.1	6.1	6.0	5.9	5.8
129.5°	6.0	6.1	6.0	5.9	5.9
130°	6.0	6.1	5.9	5.7	5.8
130.5°	6.2	6.0	6.0	5.5	5.8
131°	5.9	5.9	5.9	5.6	5.7
131.5°	6.0	5.8	5.6	5.5	5.6
132°	5.9	5.7	5.7	5.5	5.5
132.5°	5.9	5.7	5.6	5.5	5.6
133°	5.7	5.5	5.5	5.1	5.3
133.5°	5.8	5.5	5.2	5.0	5.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L930-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	5.6	5.2	5.0	4.9	5.3
135.5°	5.2	5.3	5.0	4.8	5.1
136°	5.1	5.0	4.8	4.6	5.1
136.5°	5.2	5.0	4.8	4.6	5.0
137°	5.1	4.9	4.8	4.6	4.9
137.5°	5.0	4.8	4.7	4.4	4.7
138°	4.9	4.7	4.5	4.4	4.7
138.5°	5.0	4.7	4.6	4.3	4.6
139°	4.4	4.6	4.5	4.1	4.7
139.5°	4.7	4.4	4.3	4.2	4.6
140°	4.6	4.3	4.4	4.1	4.3
140.5°	4.6	4.3	4.3	4.1	4.3
141°	4.4	4.3	4.2	3.9	4.1
141.5°	4.1	4.3	4.3	3.9	4.1
142°	4.0	4.0	4.2	4.0	3.7
142.5°	4.0	4.2	4.1	3.9	3.7
143°	4.2	4.1	4.1	4.0	3.7
143.5°	4.2	4.1	4.1	3.7	3.7
144°	4.2	3.9	4.2	3.6	3.9
144.5°	4.0	3.9	4.0	3.7	3.9
145°	4.1	3.9	4.0	3.5	3.9
145.5°	4.0	3.7	3.9	3.5	4.1
146°	4.0	3.7	3.6	3.5	3.9
146.5°	4.1	3.7	3.6	3.5	3.9
147°	4.0	3.7	3.5	3.6	3.6
147.5°	3.9	3.7	3.5	3.6	4.0
148°	4.0	3.7	3.6	3.5	4.0
148.5°	4.1	3.9	3.6	3.5	4.0
149°	4.0	3.7	3.6	3.5	4.0
149.5°	4.2	3.6	3.6	3.5	4.1
150°	4.1	3.9	3.6	3.5	4.0
150.5°	4.0	3.7	3.6	3.6	4.0
151°	4.2	3.7	3.5	3.6	4.2
151.5°	4.1	3.9	3.5	3.6	4.2
152°	4.2	3.9	3.7	3.9	4.0
152.5°	4.2	4.0	3.6	3.7	4.2
153°	4.1	3.9	3.7	4.0	4.3
153.5°	4.4	4.0	3.6	3.9	4.2
154°	4.2	4.0	3.9	3.9	4.2
154.5°	4.2	3.9	3.9	4.1	4.3
155°	4.0	4.0	4.0	4.1	4.4
155.5°	4.2	3.9	3.9	4.0	4.3
156°	4.0	4.0	4.0	4.0	4.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L930-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	4.0	3.7	3.9	4.1	4.2
158°	4.3	4.0	3.9	4.0	4.3
158.5°	4.1	4.0	3.7	4.0	4.2
159°	4.2	4.0	3.9	4.0	4.4
159.5°	4.1	3.9	3.9	4.0	4.5
160°	4.1	4.0	3.7	4.0	4.3
160.5°	4.0	3.9	3.9	4.1	4.3
161°	4.0	3.9	3.9	4.1	4.3
161.5°	4.1	4.0	3.9	3.9	4.1
162°	4.0	3.9	4.0	4.1	4.1
162.5°	4.2	4.1	4.0	4.0	4.2
163°	4.2	4.0	4.1	4.1	4.1
163.5°	4.1	4.0	4.1	4.1	4.4
164°	4.0	4.1	4.0	4.3	4.3
164.5°	3.9	4.2	4.1	4.3	4.4
165°	4.0	4.0	3.9	4.2	4.3
165.5°	3.7	4.0	3.9	4.5	4.3
166°	4.1	4.1	4.0	4.3	4.2
166.5°	4.1	4.0	3.9	4.4	4.0
167°	4.0	4.3	4.0	4.5	4.4
167.5°	4.1	4.3	4.1	4.6	4.4
168°	4.2	4.2	4.0	4.5	4.3
168.5°	4.1	4.4	4.2	4.8	4.4
169°	4.4	4.3	4.0	4.8	4.4
169.5°	4.3	4.3	4.1	4.7	4.5
170°	4.4	4.3	4.2	4.8	4.4
170.5°	4.4	4.5	4.2	4.8	4.6
171°	4.4	4.4	4.4	4.8	4.7
171.5°	4.3	4.4	4.4	4.9	4.5
172°	4.3	4.4	4.5	4.9	4.6
172.5°	4.5	4.5	4.6	4.9	4.6
173°	4.3	4.3	4.6	4.9	4.7
173.5°	4.6	4.5	4.7	4.8	4.8
174°	4.7	4.7	5.0	4.9	4.7
174.5°	4.7	4.9	4.9	5.1	4.9
175°	5.0	4.9	5.0	5.1	4.8
175.5°	5.0	4.9	5.2	5.0	5.0
176°	5.2	5.1	5.0	4.9	4.9
176.5°	5.3	5.0	5.1	4.7	4.9
177°	5.1	5.0	4.8	4.7	4.9
177.5°	5.2	5.0	4.7	4.6	5.0
178°	4.9	4.8	4.6	4.6	4.7
178.5°	4.8	4.7	4.5	4.5	4.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L930-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	4.2	4.2	4.2	4.2	4.2



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	4396.6	4391.2	4369.8	4349.5	4340.9
22°	4394.4	4389.1	4366.6	4346.3	4337.7



44°	3935.5	3919.5	3887.4	3868.1	3855.3
44.5°	3910.9	3893.8	3863.8	3843.5	3830.7



66.5°	2102.0	2093.5	2077.4	2072.1	2066.7
67°	2049.6	2040.0	2025.0	2019.6	2015.4



89°	31.2	30.7	30.4	32.0	32.4
89.5°	13.8	14.0	13.7	14.7	14.4



111.5°	2.7	2.4	2.5	2.5	2.4
112°	2.7	2.5	2.5	2.5	2.7



134°	5.5	5.3	5.2	5.1	5.5
134.5°	5.6	5.2	5.2	4.9	5.1



156.5°	4.2	3.9	4.0	4.1	4.2
157°	4.1	3.9	4.0	4.0	4.2



179°	4.6	4.5	4.3	4.4	4.6
179.5°	4.1	4.3	4.2	4.1	4.4



(END OF REPORT)