

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-160-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**

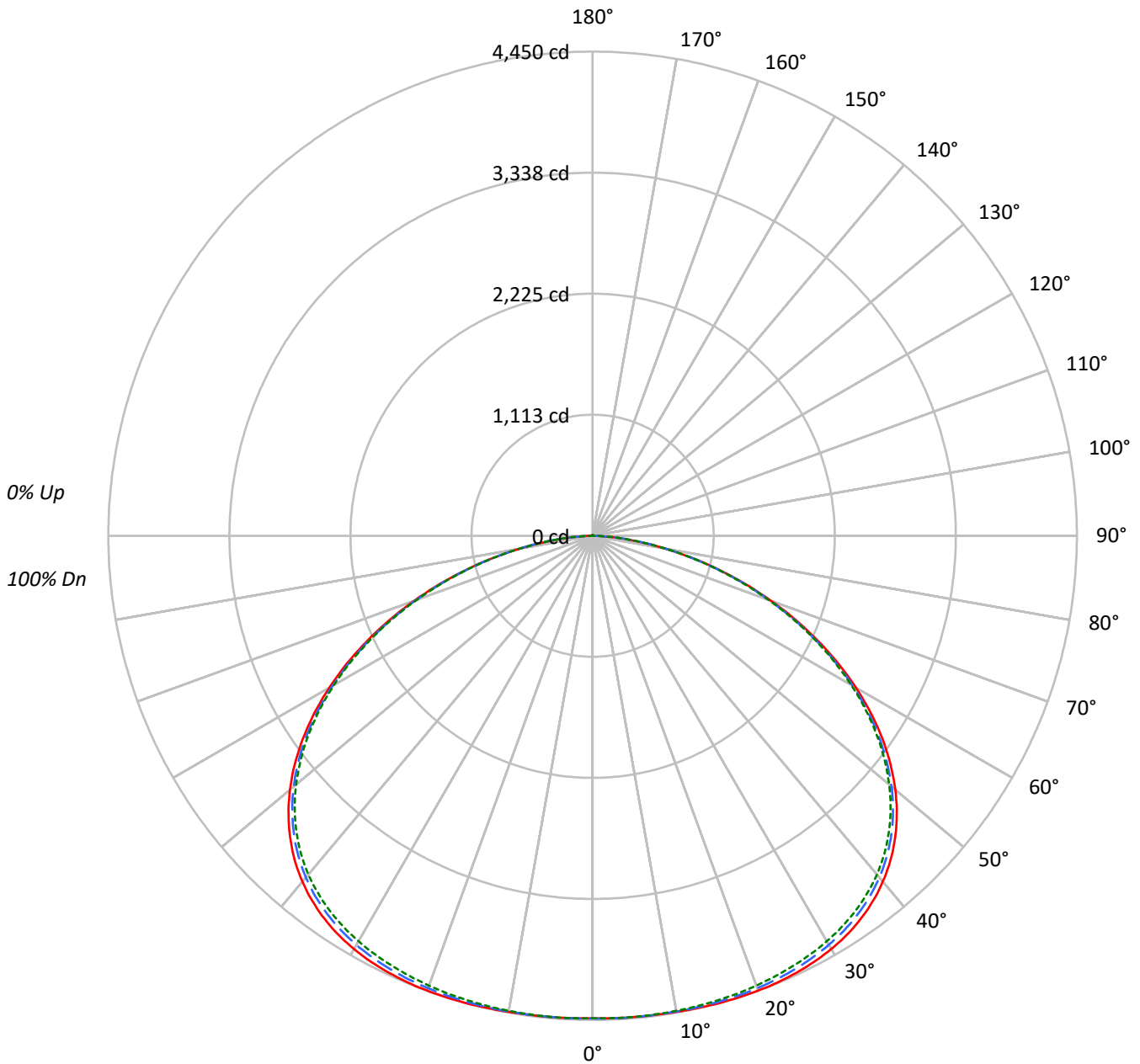
Test Method: LM-79-08  
Report Number: P#  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA ( 13890049.01)  
Test Lab: INNOVATION CENTER  
Issue Date: 9/24/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: 44ID-160-L850-CFD2  
Description: 16000 LUMEN 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: 16060.0 lumens  
Efficiency: N/A  
Efficacy: 124.1 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): 129.4  
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-160-L850-CFD2

### 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°	3166	3166	3166
5°	3170	3165	3169
10°	3197	3184	3189
15°	3251	3227	3231
20°	3327	3289	3291
25°	3422	3368	3368
30°	3528	3457	3461
35°	3635	3550	3561
40°	3732	3635	3656
45°	3805	3694	3726
50°	3836	3714	3758
55°	3811	3676	3736
60°	3715	3567	3647
65°	3536	3378	3479
70°	3256	3087	3205
75°	2842	2671	2811
80°	2256	2094	2239
85°	1402	1264	1434



TEST NUMBER: P#

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	423.8	2.6
10°-20°	1257.1	7.8
20°-30°	2032.2	12.7
30°-40°	2661.7	16.6
40°-50°	2993.9	18.6
50°-60°	2864.9	17.8
60°-70°	2234.4	13.9
70°-80°	1259.2	7.8
80°-90°	311.6	1.9
90°-100°	1.1	0.0
100°-110°	1.8	0.0
110°-120°	3.3	0.0
120°-130°	5.1	0.0
130°-140°	4.0	0.0
140°-150°	2.5	0.0
150°-160°	1.8	0.0
160°-170°	1.2	0.0
170°-180°	0.5	0.0
0°-30°	3713.1	23.1
0°-40°	6374.8	39.7
0°-60°	12233.6	76.2
0°-90°	16038.8	99.9
90°-120°	6.2	0.0
90°-150°	17.8	0.1
90°-180°	21.0	0.1
0°-180°	16060.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	4435	4435	4435	4435	4435	
5°	4440	4441	4440	4440	4439	424
15°	4449	4448	4438	4428	4422	1261
25°	4431	4423	4396	4372	4362	2048
35°	4297	4283	4247	4221	4209	2690
45°	3930	3913	3881	3863	3849	3027
55°	3250	3232	3210	3196	3186	2897
65°	2286	2277	2260	2253	2249	2256
75°	1195	1195	1188	1186	1182	1267
85°	255	258	261	263	261	296
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	



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L850-CFD2

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	4435.3	4435.3	4435.3	4435.3	4435.3
0.5°	4434.2	4437.5	4438.6	4437.5	4435.3
1°	4435.3	4437.5	4438.6	4438.6	4436.4
1.5°	4436.4	4438.6	4438.6	4438.6	4437.5
2°	4436.4	4438.6	4438.6	4439.6	4437.5
2.5°	4437.5	4439.6	4439.6	4439.6	4437.5
3°	4438.6	4439.6	4439.6	4439.6	4438.6
3.5°	4438.6	4439.6	4439.6	4439.6	4438.6
4°	4439.6	4439.6	4439.6	4439.6	4438.6
4.5°	4439.6	4440.7	4439.6	4439.6	4438.6
5°	4439.6	4440.7	4439.6	4439.6	4438.6
5.5°	4439.6	4440.7	4439.6	4439.6	4438.6
6°	4440.7	4440.7	4439.6	4439.6	4437.5
6.5°	4440.7	4441.8	4440.7	4439.6	4437.5
7°	4440.7	4441.8	4439.6	4439.6	4437.5
7.5°	4440.7	4441.8	4439.6	4438.6	4436.4
8°	4441.8	4441.8	4440.7	4438.6	4436.4
8.5°	4441.8	4442.9	4439.6	4438.6	4435.3
9°	4442.9	4442.9	4440.7	4437.5	4435.3
9.5°	4442.9	4444.0	4439.6	4437.5	4434.2
10°	4444.0	4444.0	4439.6	4436.4	4433.1
10.5°	4445.0	4445.0	4439.6	4436.4	4433.1
11°	4445.0	4445.0	4439.6	4435.3	4432.1
11.5°	4446.1	4446.1	4439.6	4434.2	4431.0
12°	4446.1	4446.1	4439.6	4434.2	4429.9
12.5°	4447.2	4446.1	4438.6	4433.1	4428.8
13°	4447.2	4446.1	4438.6	4432.1	4427.7
13.5°	4448.3	4447.2	4438.6	4431.0	4426.7
14°	4448.3	4447.2	4438.6	4429.9	4424.5
14.5°	4449.4	4447.2	4437.5	4428.8	4423.4
15°	4449.4	4448.3	4437.5	4427.7	4422.3
15.5°	4450.5	4448.3	4436.4	4425.6	4420.2
16°	4449.4	4448.3	4435.3	4424.5	4418.0
16.5°	4450.5	4448.3	4435.3	4422.3	4415.8
17°	4450.5	4447.2	4434.2	4420.2	4414.8
17.5°	4450.5	4447.2	4432.1	4419.1	4412.6
18°	4450.5	4447.2	4431.0	4416.9	4409.3
18.5°	4450.5	4446.1	4429.9	4414.8	4407.2
19°	4449.4	4446.1	4428.8	4412.6	4405.0
19.5°	4449.4	4445.0	4426.7	4409.3	4401.8
20°	4448.3	4444.0	4424.5	4407.2	4399.6
20.5°	4447.2	4442.9	4423.4	4405.0	4396.4
21°	4447.2	4441.8	4421.2	4401.8	4393.1



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	4442.9	4436.4	4413.7	4392.0	4382.3
23°	4440.7	4434.2	4410.4	4388.8	4379.1
23.5°	4438.6	4432.1	4407.2	4384.5	4374.7
24°	4436.4	4429.9	4403.9	4380.1	4370.4
24.5°	4434.2	4426.7	4400.7	4375.8	4366.1
25°	4431.0	4423.4	4396.4	4371.5	4361.7
25.5°	4427.7	4420.2	4392.0	4367.2	4356.3
26°	4424.5	4416.9	4387.7	4362.8	4352.0
26.5°	4421.2	4412.6	4383.4	4357.4	4346.6
27°	4416.9	4408.3	4378.0	4352.0	4341.2
27.5°	4412.6	4403.9	4372.6	4346.6	4335.8
28°	4408.3	4398.5	4367.2	4341.2	4330.4
28.5°	4402.9	4393.1	4361.7	4334.7	4323.9
29°	4397.4	4387.7	4355.3	4328.2	4317.4
29.5°	4392.0	4381.2	4348.8	4321.7	4309.8
30°	4385.5	4374.7	4341.2	4314.1	4302.2
30.5°	4379.1	4368.2	4333.6	4306.6	4295.8
31°	4371.5	4360.7	4326.0	4299.0	4287.1
31.5°	4365.0	4353.1	4317.4	4291.4	4279.5
32°	4356.3	4344.4	4309.8	4282.8	4270.9
32.5°	4347.7	4335.8	4300.1	4273.0	4261.1
33°	4339.0	4326.0	4290.3	4264.4	4251.4
33.5°	4329.3	4316.3	4280.6	4254.6	4241.7
34°	4318.5	4305.5	4269.8	4243.8	4231.9
34.5°	4307.7	4294.7	4259.0	4233.0	4221.1
35°	4296.8	4282.8	4247.1	4221.1	4209.2
35.5°	4284.9	4270.9	4235.2	4209.2	4197.3
36°	4273.0	4257.9	4222.2	4197.3	4184.3
36.5°	4259.0	4244.9	4209.2	4184.3	4172.4
37°	4244.9	4230.8	4195.1	4170.3	4158.4
37.5°	4230.8	4215.7	4181.1	4156.2	4143.2
38°	4215.7	4201.6	4165.9	4142.1	4129.2
38.5°	4200.6	4185.4	4149.7	4125.9	4114.0
39°	4184.3	4168.1	4133.5	4110.8	4097.8
39.5°	4167.0	4150.8	4117.3	4093.5	4081.6
40°	4148.6	4133.5	4098.9	4076.2	4064.3
40.5°	4131.3	4115.1	4080.5	4058.8	4045.9
41°	4111.9	4095.6	4062.1	4039.4	4026.4
41.5°	4091.3	4075.1	4041.5	4019.9	4006.9
42°	4070.7	4054.5	4021.0	4000.4	3986.4
42.5°	4049.1	4032.9	3999.3	3978.8	3965.8
43°	4027.5	4010.2	3977.7	3957.2	3944.2
43.5°	4004.8	3987.4	3955.0	3934.4	3921.5



TEST NUMBER: P#

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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	3930.1	3912.8	3881.4	3863.0	3849.0
45.5°	3904.2	3885.8	3855.5	3837.1	3824.1
46°	3877.1	3858.7	3828.4	3810.0	3797.1
46.5°	3849.0	3830.6	3801.4	3783.0	3770.0
47°	3819.8	3802.5	3772.2	3755.9	3741.9
47.5°	3790.6	3772.2	3743.0	3726.7	3712.7
48°	3761.4	3741.9	3713.8	3696.4	3682.4
48.5°	3730.0	3711.6	3683.5	3667.2	3654.3
49°	3696.4	3679.1	3651.0	3633.7	3621.8
49.5°	3664.0	3646.7	3618.6	3602.3	3589.4
50°	3630.5	3612.1	3586.1	3569.9	3556.9
50.5°	3595.8	3577.5	3551.5	3535.3	3523.4
51°	3561.2	3542.8	3516.9	3500.6	3487.7
51.5°	3524.4	3506.1	3480.1	3464.9	3453.0
52°	3487.7	3469.3	3443.3	3429.2	3417.3
52.5°	3450.9	3432.5	3406.5	3391.4	3380.6
53°	3410.9	3393.5	3369.8	3355.7	3343.8
53.5°	3370.8	3353.5	3329.7	3315.7	3304.8
54°	3330.8	3313.5	3289.7	3275.6	3265.9
54.5°	3291.9	3273.5	3250.8	3236.7	3227.0
55°	3249.7	3232.4	3209.6	3195.6	3185.8
55.5°	3207.5	3190.2	3167.5	3153.4	3144.7
56°	3163.1	3146.9	3124.2	3112.3	3103.6
56.5°	3118.8	3103.6	3080.9	3069.0	3060.4
57°	3075.5	3059.3	3037.6	3026.8	3018.2
57.5°	3032.2	3014.9	2993.3	2982.5	2973.8
58°	2984.6	2968.4	2947.9	2937.0	2929.5
58.5°	2938.1	2923.0	2901.3	2891.6	2884.0
59°	2891.6	2876.5	2855.9	2846.2	2838.6
59.5°	2842.9	2828.9	2808.3	2798.6	2791.0
60°	2795.3	2780.2	2760.7	2752.1	2744.5
60.5°	2746.6	2733.7	2713.1	2704.5	2696.9
61°	2696.9	2683.9	2664.4	2655.8	2648.2
61.5°	2646.0	2635.2	2615.7	2607.1	2600.6
62°	2596.3	2585.5	2566.0	2558.4	2551.9
62.5°	2545.4	2534.6	2515.1	2507.6	2501.1
63°	2494.6	2483.8	2465.4	2457.8	2451.3
63.5°	2442.7	2431.8	2414.5	2407.0	2400.5
64°	2390.7	2379.9	2361.5	2356.1	2348.5
64.5°	2338.8	2328.0	2309.6	2304.2	2297.7
65°	2285.8	2277.2	2259.8	2253.4	2249.0
65.5°	2233.9	2223.1	2206.8	2201.4	2194.9
66°	2178.7	2170.1	2153.8	2148.4	2144.1





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	2018.6	2008.9	1994.8	1989.4	1984.0
68°	1963.4	1954.8	1940.7	1936.4	1931.0
68.5°	1908.3	1899.6	1885.5	1882.3	1879.1
69°	1853.1	1844.4	1832.5	1829.3	1825.0
69.5°	1799.0	1790.3	1779.5	1776.3	1770.9
70°	1743.8	1736.3	1725.4	1722.2	1716.8
70.5°	1688.7	1681.1	1671.4	1668.1	1662.7
71°	1633.5	1627.0	1618.3	1614.0	1608.6
71.5°	1579.4	1572.9	1563.2	1559.9	1555.6
72°	1524.2	1518.8	1509.1	1506.9	1501.5
72.5°	1469.1	1464.7	1455.0	1452.8	1448.5
73°	1413.9	1409.6	1399.8	1397.7	1394.4
73.5°	1359.8	1355.5	1346.8	1343.6	1340.3
74°	1305.7	1302.5	1293.8	1291.6	1287.3
74.5°	1250.5	1248.4	1240.8	1237.6	1234.3
75°	1195.4	1195.4	1187.8	1185.6	1182.4
75.5°	1142.4	1142.4	1134.8	1132.6	1129.4
76°	1089.4	1089.4	1081.8	1079.7	1075.4
76.5°	1035.8	1036.2	1029.9	1027.6	1024.0
77°	984.5	985.0	979.2	976.3	972.7
77.5°	929.7	932.3	927.5	924.9	921.4
78°	878.5	881.8	876.9	874.8	871.8
78.5°	830.3	832.3	829.2	826.7	822.5
79°	779.7	781.4	779.3	777.2	773.0
79.5°	730.0	732.7	731.3	729.3	724.6
80°	682.3	684.2	684.6	681.6	677.2
80.5°	632.1	636.1	636.7	633.8	631.5
81°	585.7	589.5	590.5	588.8	585.8
81.5°	540.0	544.5	545.4	544.5	540.6
82°	494.3	499.7	501.3	500.5	496.2
82.5°	450.6	456.6	458.4	457.7	453.7
83°	408.2	414.8	416.4	416.9	413.2
83.5°	367.2	373.4	375.5	376.1	372.1
84°	327.8	333.4	336.0	337.1	333.7
84.5°	290.4	294.9	298.0	299.4	297.8
85°	255.1	258.3	261.3	263.2	260.9
85.5°	220.9	223.5	225.7	228.7	226.8
86°	189.1	191.7	193.2	195.6	195.6
86.5°	158.8	160.0	161.2	164.0	164.0
87°	129.8	129.9	130.4	133.9	134.0
87.5°	100.2	101.0	101.5	104.6	105.7
88°	70.6	73.1	73.8	76.7	76.5
88.5°	50.0	50.0	49.9	52.8	53.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	2.4	2.3	2.4	2.5	2.3
90.5°	0.8	0.6	0.8	0.9	0.8
91°	0.8	0.6	0.6	0.8	0.6
91.5°	1.0	0.8	0.9	0.6	0.5
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	0.6
93.5°	1.0	0.8	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	0.8	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°	2.1	1.8	1.9	2.1	1.9
108°	2.1	1.8	1.7	2.1	1.8
108.5°	2.1	2.1	2.1	1.9	1.8
109°	2.2	2.1	2.1	2.1	2.2
109.5°	2.3	1.9	2.3	2.2	1.9
110°	2.2	2.2	2.2	2.3	2.2
110.5°	2.3	2.2	2.3	2.3	2.4
111°	2.3	2.4	2.4	2.4	2.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L850-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°	3.6	3.2	3.5	3.4	3.1
116°	3.5	3.6	3.6	3.5	3.4
116.5°	3.7	3.7	3.7	3.7	3.6
117°	3.9	3.9	3.9	3.9	3.5
117.5°	4.1	3.9	4.0	3.9	3.7
118°	4.1	4.0	4.2	4.0	3.8
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°	4.8	4.8	4.7	4.5	4.7
120.5°	4.9	4.7	4.9	4.8	4.7
121°	4.9	4.9	4.9	4.9	4.7
121.5°	5.4	5.2	5.1	4.9	4.9
122°	5.1	5.4	5.2	5.1	5.2
122.5°	5.5	5.4	5.3	5.3	5.1
123°	5.6	5.6	5.4	5.4	5.3
123.5°	5.6	5.8	5.5	5.3	5.5
124°	5.7	5.8	5.7	5.5	5.5
124.5°	6.1	5.8	5.7	5.6	5.6
125°	6.3	6.1	5.9	5.8	5.8
125.5°	6.3	6.2	5.9	5.8	5.9
126°	6.3	6.1	5.9	5.9	5.8
126.5°	6.1	6.2	6.3	5.9	6.1
127°	6.3	6.3	6.1	5.9	5.8
127.5°	6.5	6.4	6.3	5.9	5.8
128°	6.5	6.2	6.2	5.9	6.1
128.5°	6.3	6.3	6.1	5.8	6.1
129°	6.2	6.2	6.1	5.9	5.8
129.5°	6.1	6.2	6.1	5.9	5.9
130°	6.1	6.2	5.9	5.7	5.8
130.5°	6.3	6.1	6.1	5.5	5.8
131°	5.9	5.9	5.9	5.6	5.7
131.5°	6.1	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	5.2	5.4
133.5°	5.8	5.5	5.3	5.1	5.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	5.6	5.3	5.1	5.0	5.4
135.5°	5.3	5.4	5.1	4.9	5.2
136°	5.2	5.1	4.9	4.7	5.2
136.5°	5.3	5.1	4.9	4.7	5.1
137°	5.2	5.0	4.9	4.7	5.0
137.5°	5.1	4.9	4.8	4.4	4.8
138°	5.0	4.8	4.5	4.4	4.8
138.5°	5.1	4.8	4.7	4.3	4.7
139°	4.4	4.7	4.5	4.1	4.8
139.5°	4.8	4.4	4.3	4.2	4.7
140°	4.7	4.3	4.4	4.1	4.3
140.5°	4.7	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	3.8
142.5°	4.0	4.2	4.1	3.9	3.8
143°	4.2	4.1	4.1	4.0	3.8
143.5°	4.2	4.1	4.1	3.8	3.8
144°	4.2	3.9	4.2	3.7	3.9
144.5°	4.0	3.9	4.0	3.8	3.9
145°	4.1	3.9	4.0	3.6	3.9
145.5°	4.0	3.8	3.9	3.6	4.1
146°	4.0	3.8	3.7	3.6	3.9
146.5°	4.1	3.8	3.7	3.6	3.9
147°	4.0	3.8	3.6	3.7	3.7
147.5°	3.9	3.8	3.6	3.7	4.0
148°	4.0	3.8	3.7	3.6	4.0
148.5°	4.1	3.9	3.7	3.6	4.0
149°	4.0	3.8	3.7	3.6	4.0
149.5°	4.2	3.7	3.7	3.6	4.1
150°	4.1	3.9	3.7	3.6	4.0
150.5°	4.0	3.8	3.7	3.7	4.0
151°	4.2	3.8	3.6	3.7	4.2
151.5°	4.1	3.9	3.6	3.7	4.2
152°	4.2	3.9	3.8	3.9	4.0
152.5°	4.2	4.0	3.7	3.8	4.2
153°	4.1	3.9	3.8	4.0	4.3
153.5°	4.4	4.0	3.7	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-160-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	4.0	3.8	3.9	4.1	4.2
158°	4.3	4.0	3.9	4.0	4.3
158.5°	4.1	4.0	3.8	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	3.8	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°	3.8	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	4.7	4.4
168°	4.2	4.2	4.0	4.5	4.3
168.5°	4.1	4.4	4.2	4.9	4.4
169°	4.4	4.3	4.0	4.9	4.4
169.5°	4.3	4.3	4.1	4.8	4.5
170°	4.4	4.3	4.2	4.9	4.4
170.5°	4.4	4.5	4.2	4.9	4.7
171°	4.4	4.4	4.4	4.9	4.8
171.5°	4.3	4.4	4.4	5.0	4.5
172°	4.3	4.4	4.5	5.0	4.7
172.5°	4.5	4.5	4.7	5.0	4.7
173°	4.3	4.3	4.7	5.0	4.8
173.5°	4.7	4.5	4.8	4.9	4.9
174°	4.8	4.8	5.1	5.0	4.8
174.5°	4.8	5.0	5.0	5.2	5.0
175°	5.1	5.0	5.1	5.2	4.9
175.5°	5.1	5.0	5.3	5.1	5.1
176°	5.3	5.2	5.1	5.0	5.0
176.5°	5.4	5.1	5.2	4.8	5.0
177°	5.2	5.1	4.9	4.8	5.0
177.5°	5.3	5.1	4.8	4.7	5.1
178°	5.0	4.9	4.7	4.7	4.8
178.5°	4.9	4.8	4.5	4.5	4.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L850-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°	4446.1	4440.7	4419.1	4398.5	4389.9
22°	4444.0	4438.6	4415.8	4395.3	4386.6



44°	3979.9	3963.6	3931.2	3911.7	3898.7
44.5°	3955.0	3937.7	3907.4	3886.8	3873.9



66.5°	2125.7	2117.0	2100.8	2095.4	2090.0
67°	2072.7	2063.0	2047.8	2042.4	2038.1



89°	31.6	31.0	30.7	32.3	32.8
89.5°	14.0	14.2	13.8	14.8	14.6



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	5.4	5.3	5.2	5.5
134.5°	5.6	5.3	5.3	5.0	5.2



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



179°	4.7	4.5	4.3	4.4	4.7
179.5°	4.1	4.3	4.2	4.1	4.4



(END OF REPORT)