

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-L835-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-160-L835-CFR2
Description: 16000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS
AND 3500K CCT, 80CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

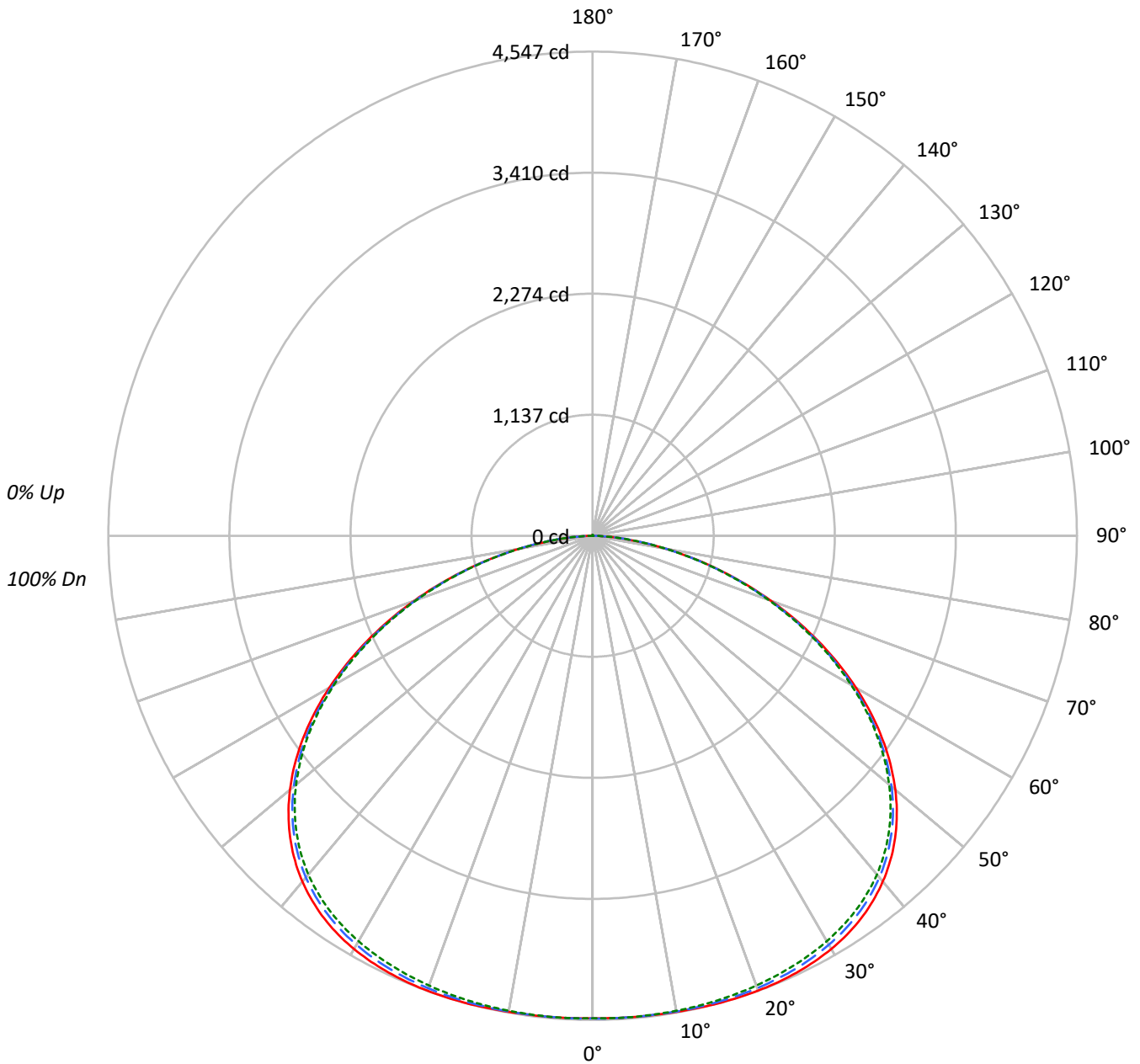
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16409.0 lumens
Efficiency: N/A
Efficacy: 126.8 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): 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

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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°	3235	3235	3235
5°	3251	3251	3250
10°	3291	3288	3283
15°	3360	3351	3339
20°	3453	3434	3415
25°	3566	3538	3510
30°	3694	3656	3624
35°	3826	3782	3748
40°	3950	3903	3870
45°	4054	4004	3970
50°	4120	4069	4036
55°	4133	4082	4051
60°	4078	4027	4004
65°	3945	3900	3882
70°	3719	3680	3661
75°	3369	3347	3332
80°	2866	2875	2845
85°	2135	2186	2184



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	433.0	2.6
10°-20°	1284.4	7.8
20°-30°	2076.3	12.7
30°-40°	2719.6	16.6
40°-50°	3059.0	18.6
50°-60°	2927.1	17.8
60°-70°	2282.9	13.9
70°-80°	1286.6	7.8
80°-90°	318.4	1.9
90°-100°	1.1	0.0
100°-110°	1.8	0.0
110°-120°	3.3	0.0
120°-130°	5.2	0.0
130°-140°	4.1	0.0
140°-150°	2.5	0.0
150°-160°	1.9	0.0
160°-170°	1.2	0.0
170°-180°	0.5	0.0
0°-30°	3793.7	23.1
0°-40°	6513.3	39.7
0°-60°	12499.5	76.2
0°-90°	16387.3	99.9
90°-120°	6.3	0.0
90°-150°	18.1	0.1
90°-180°	22.0	0.1
0°-180°	16409.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4532	4532	4532	4532	4532	
5°	4536	4537	4536	4536	4535	433
15°	4546	4545	4534	4524	4518	1288
25°	4527	4520	4492	4466	4456	2092
35°	4390	4376	4339	4313	4301	2748
45°	4016	3998	3966	3947	3933	3093
55°	3320	3303	3279	3265	3255	2960
65°	2336	2327	2309	2302	2298	2305
75°	1221	1221	1214	1211	1208	1294
85°	261	264	267	269	267	302
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	6	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°	4531.7	4531.7	4531.7	4531.7	4531.7
0.5°	4530.6	4533.9	4535.0	4533.9	4531.7
1°	4531.7	4533.9	4535.0	4535.0	4532.8
1.5°	4532.8	4535.0	4535.0	4535.0	4533.9
2°	4532.8	4535.0	4535.0	4536.1	4533.9
2.5°	4533.9	4536.1	4536.1	4536.1	4533.9
3°	4535.0	4536.1	4536.1	4536.1	4535.0
3.5°	4535.0	4536.1	4536.1	4536.1	4535.0
4°	4536.1	4536.1	4536.1	4536.1	4535.0
4.5°	4536.1	4537.2	4536.1	4536.1	4535.0
5°	4536.1	4537.2	4536.1	4536.1	4535.0
5.5°	4536.1	4537.2	4536.1	4536.1	4535.0
6°	4537.2	4537.2	4536.1	4536.1	4533.9
6.5°	4537.2	4538.3	4537.2	4536.1	4533.9
7°	4537.2	4538.3	4536.1	4536.1	4533.9
7.5°	4537.2	4538.3	4536.1	4535.0	4532.8
8°	4538.3	4538.3	4537.2	4535.0	4532.8
8.5°	4538.3	4539.4	4536.1	4535.0	4531.7
9°	4539.4	4539.4	4537.2	4533.9	4531.7
9.5°	4539.4	4540.5	4536.1	4533.9	4530.6
10°	4540.5	4540.5	4536.1	4532.8	4529.5
10.5°	4541.6	4541.6	4536.1	4532.8	4529.5
11°	4541.6	4541.6	4536.1	4531.7	4528.4
11.5°	4542.7	4542.7	4536.1	4530.6	4527.3
12°	4542.7	4542.7	4536.1	4530.6	4526.2
12.5°	4543.8	4542.7	4535.0	4529.5	4525.1
13°	4543.8	4542.7	4535.0	4528.4	4524.0
13.5°	4545.0	4543.8	4535.0	4527.3	4522.8
14°	4545.0	4543.8	4535.0	4526.2	4520.6
14.5°	4546.1	4543.8	4533.9	4525.1	4519.5
15°	4546.1	4545.0	4533.9	4524.0	4518.4
15.5°	4547.2	4545.0	4532.8	4521.7	4516.2
16°	4546.1	4545.0	4531.7	4520.6	4514.0
16.5°	4547.2	4545.0	4531.7	4518.4	4511.8
17°	4547.2	4543.8	4530.6	4516.2	4510.7
17.5°	4547.2	4543.8	4528.4	4515.1	4508.5
18°	4547.2	4543.8	4527.3	4512.9	4505.2
18.5°	4547.2	4542.7	4526.2	4510.7	4503.0
19°	4546.1	4542.7	4525.1	4508.5	4500.7
19.5°	4546.1	4541.6	4522.8	4505.2	4497.4
20°	4545.0	4540.5	4520.6	4503.0	4495.2
20.5°	4543.8	4539.4	4519.5	4500.7	4491.9
21°	4543.8	4538.3	4517.3	4497.4	4488.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	4539.4	4532.8	4509.6	4487.5	4477.5
23°	4537.2	4530.6	4506.3	4484.2	4474.2
23.5°	4535.0	4528.4	4503.0	4479.7	4469.8
24°	4532.8	4526.2	4499.6	4475.3	4465.4
24.5°	4530.6	4522.8	4496.3	4470.9	4461.0
25°	4527.3	4519.5	4491.9	4466.5	4456.5
25.5°	4524.0	4516.2	4487.5	4462.1	4451.0
26°	4520.6	4512.9	4483.1	4457.6	4446.6
26.5°	4517.3	4508.5	4478.6	4452.1	4441.1
27°	4512.9	4504.1	4473.1	4446.6	4435.5
27.5°	4508.5	4499.6	4467.6	4441.1	4430.0
28°	4504.1	4494.1	4462.1	4435.5	4424.5
28.5°	4498.5	4488.6	4456.5	4428.9	4417.8
29°	4493.0	4483.1	4449.9	4422.3	4411.2
29.5°	4487.5	4476.4	4443.3	4415.6	4403.5
30°	4480.8	4469.8	4435.5	4407.9	4395.7
30.5°	4474.2	4463.2	4427.8	4400.2	4389.1
31°	4466.5	4455.4	4420.1	4392.4	4380.3
31.5°	4459.8	4447.7	4411.2	4384.7	4372.5
32°	4451.0	4438.8	4403.5	4375.8	4363.7
32.5°	4442.2	4430.0	4393.5	4365.9	4353.7
33°	4433.3	4420.1	4383.6	4357.1	4343.8
33.5°	4423.4	4410.1	4373.6	4347.1	4333.8
34°	4412.3	4399.1	4362.6	4336.1	4323.9
34.5°	4401.3	4388.0	4351.5	4325.0	4312.8
35°	4390.2	4375.8	4339.4	4312.8	4300.7
35.5°	4378.1	4363.7	4327.2	4300.7	4288.5
36°	4365.9	4350.4	4313.9	4288.5	4275.3
36.5°	4351.5	4337.2	4300.7	4275.3	4263.1
37°	4337.2	4322.8	4286.3	4260.9	4248.7
37.5°	4322.8	4307.3	4271.9	4246.5	4233.3
38°	4307.3	4292.9	4256.5	4232.2	4218.9
38.5°	4291.8	4276.4	4239.9	4215.6	4203.4
39°	4275.3	4258.7	4223.3	4200.1	4186.8
39.5°	4257.6	4241.0	4206.7	4182.4	4170.3
40°	4238.8	4223.3	4187.9	4164.7	4152.6
40.5°	4221.1	4204.5	4169.2	4147.0	4133.8
41°	4201.2	4184.6	4150.4	4127.2	4113.9
41.5°	4180.2	4163.6	4129.4	4107.3	4094.0
42°	4159.2	4142.6	4108.4	4087.4	4073.0
42.5°	4137.1	4120.5	4086.3	4065.3	4052.0
43°	4115.0	4097.3	4064.2	4043.2	4029.9
43.5°	4091.8	4074.1	4040.9	4019.9	4006.7



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	4015.5	3997.8	3965.8	3947.0	3932.6
45.5°	3989.0	3970.2	3939.3	3920.5	3907.2
46°	3961.4	3942.6	3911.6	3892.8	3879.6
46.5°	3932.6	3913.8	3884.0	3865.2	3851.9
47°	3902.8	3885.1	3854.1	3837.6	3823.2
47.5°	3872.9	3854.1	3824.3	3807.7	3793.4
48°	3843.1	3823.2	3794.5	3776.8	3762.4
48.5°	3811.0	3792.3	3763.5	3746.9	3733.7
49°	3776.8	3759.1	3730.4	3712.7	3700.5
49.5°	3743.6	3725.9	3697.2	3680.6	3667.4
50°	3709.4	3690.6	3664.0	3647.5	3634.2
50.5°	3674.0	3655.2	3628.7	3612.1	3599.9
51°	3638.6	3619.8	3593.3	3576.7	3563.5
51.5°	3601.0	3582.2	3555.7	3540.2	3528.1
52°	3563.5	3544.7	3518.1	3503.8	3491.6
52.5°	3525.9	3507.1	3480.6	3465.1	3454.0
53°	3485.0	3467.3	3443.0	3428.6	3416.5
53.5°	3444.1	3426.4	3402.1	3387.7	3376.7
54°	3403.2	3385.5	3361.2	3346.8	3336.9
54.5°	3363.4	3344.6	3321.4	3307.0	3297.1
55°	3320.3	3302.6	3279.4	3265.0	3255.1
55.5°	3277.2	3259.5	3236.3	3221.9	3213.1
56°	3231.9	3215.3	3192.1	3179.9	3171.1
56.5°	3186.6	3171.1	3147.9	3135.7	3126.9
57°	3142.3	3125.8	3103.7	3092.6	3083.8
57.5°	3098.1	3080.4	3058.3	3047.3	3038.4
58°	3049.5	3032.9	3011.9	3000.9	2993.1
58.5°	3002.0	2986.5	2964.4	2954.4	2946.7
59°	2954.4	2939.0	2918.0	2908.0	2900.3
59.5°	2904.7	2890.3	2869.3	2859.4	2851.6
60°	2856.1	2840.6	2820.7	2811.9	2804.1
60.5°	2806.3	2793.1	2772.1	2763.2	2755.5
61°	2755.5	2742.2	2722.3	2713.5	2705.8
61.5°	2703.5	2692.5	2672.6	2663.7	2657.1
62°	2652.7	2641.6	2621.7	2614.0	2607.4
62.5°	2600.7	2589.7	2569.8	2562.1	2555.4
63°	2548.8	2537.7	2519.0	2511.2	2504.6
63.5°	2495.7	2484.7	2467.0	2459.3	2452.6
64°	2442.7	2431.6	2412.8	2407.3	2399.6
64.5°	2389.6	2378.6	2359.8	2354.3	2347.6
65°	2335.5	2326.6	2309.0	2302.3	2297.9
65.5°	2282.4	2271.4	2254.8	2249.3	2242.6
66°	2226.1	2217.2	2200.6	2195.1	2190.7



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	2062.5	2052.5	2038.2	2032.6	2027.1
68°	2006.1	1997.3	1982.9	1978.5	1972.9
68.5°	1949.7	1940.9	1926.5	1923.2	1919.9
69°	1893.4	1884.5	1872.4	1869.0	1864.6
69.5°	1838.1	1829.3	1818.2	1814.9	1809.4
70°	1781.7	1774.0	1762.9	1759.6	1754.1
70.5°	1725.4	1717.6	1707.7	1704.4	1698.8
71°	1669.0	1662.4	1653.5	1649.1	1643.6
71.5°	1613.7	1607.1	1597.1	1593.8	1589.4
72°	1557.4	1551.8	1541.9	1539.7	1534.1
72.5°	1501.0	1496.6	1486.6	1484.4	1480.0
73°	1444.6	1440.2	1430.2	1428.0	1424.7
73.5°	1389.3	1384.9	1376.1	1372.8	1369.5
74°	1334.1	1330.8	1321.9	1319.7	1315.3
74.5°	1277.7	1275.5	1267.8	1264.5	1261.1
75°	1221.3	1221.3	1213.6	1211.4	1208.1
75.5°	1167.2	1167.2	1159.4	1157.2	1153.9
76°	1113.0	1113.0	1105.3	1103.2	1098.8
76.5°	1058.3	1058.8	1052.2	1049.9	1046.3
77°	1005.9	1006.4	1000.5	997.5	993.9
77.5°	949.9	952.5	947.7	945.0	941.4
78°	897.6	900.9	895.9	893.8	890.8
78.5°	848.3	850.4	847.2	844.7	840.4
79°	796.7	798.4	796.3	794.0	789.8
79.5°	745.8	748.6	747.2	745.2	740.3
80°	697.1	699.1	699.4	696.4	691.9
80.5°	645.8	649.9	650.6	647.6	645.3
81°	598.4	602.3	603.4	601.6	598.5
81.5°	551.8	556.3	557.3	556.3	552.3
82°	505.0	510.5	512.2	511.4	507.0
82.5°	460.4	466.5	468.3	467.6	463.6
83°	417.0	423.8	425.4	426.0	422.2
83.5°	375.1	381.5	383.6	384.3	380.2
84°	334.9	340.7	343.3	344.4	341.0
84.5°	296.7	301.3	304.5	305.9	304.3
85°	260.6	263.9	266.9	268.9	266.6
85.5°	225.7	228.4	230.6	233.7	231.8
86°	193.2	195.9	197.4	199.8	199.8
86.5°	162.3	163.5	164.7	167.6	167.6
87°	132.6	132.7	133.2	136.8	136.9
87.5°	102.3	103.2	103.7	106.9	108.0
88°	72.2	74.7	75.4	78.4	78.1
88.5°	51.1	51.1	51.0	53.9	54.6



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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	0.7	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	1.1
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°	1.7	1.3	1.4	1.4	1.5
102°	1.8	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°	1.7	1.7	1.5	1.5	1.4
104°	1.9	1.7	1.7	1.5	1.4
104.5°	1.7	1.8	1.8	1.8	1.5
105°	2.0	1.8	1.7	1.9	1.9
105.5°	1.9	1.5	1.8	1.7	1.7
106°	1.8	1.8	1.9	1.9	2.0
106.5°	2.0	1.8	1.9	1.8	1.7
107°	1.9	1.9	2.0	2.0	1.8
107.5°	2.1	1.9	2.0	2.1	2.0
108°	2.1	1.9	1.8	2.1	1.9
108.5°	2.1	2.1	2.1	2.0	1.9
109°	2.2	2.1	2.1	2.1	2.2
109.5°	2.3	2.0	2.3	2.2	2.0
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-L835-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	2.7	2.8	2.9	2.8	2.5
113°	3.0	2.7	2.7	2.8	2.8
113.5°	3.0	3.0	3.0	3.1	3.1
114°	3.1	3.1	3.2	3.2	3.1
114.5°	3.3	3.3	3.2	3.2	3.0
115°	3.3	3.3	3.2	3.3	3.2
115.5°	3.6	3.3	3.5	3.4	3.2
116°	3.5	3.6	3.6	3.5	3.4
116.5°	3.8	3.8	3.8	3.8	3.6
117°	4.0	4.0	4.0	4.0	3.5
117.5°	4.2	4.0	4.1	4.0	3.8
118°	4.2	4.1	4.3	4.1	3.9
118.5°	4.5	4.3	4.3	4.2	4.1
119°	4.5	4.5	4.6	4.3	4.3
119.5°	4.6	4.6	4.6	4.5	4.4
120°	4.9	4.9	4.8	4.6	4.8
120.5°	5.0	4.8	5.0	4.9	4.8
121°	5.0	5.0	5.0	5.0	4.8
121.5°	5.5	5.3	5.2	5.0	5.0
122°	5.2	5.5	5.3	5.2	5.3
122.5°	5.6	5.5	5.4	5.4	5.2
123°	5.7	5.7	5.5	5.5	5.4
123.5°	5.7	6.0	5.6	5.4	5.6
124°	5.9	6.0	5.9	5.6	5.6
124.5°	6.2	6.0	5.9	5.7	5.7
125°	6.4	6.2	6.1	6.0	6.0
125.5°	6.4	6.3	6.1	6.0	6.1
126°	6.4	6.2	6.1	6.1	6.0
126.5°	6.2	6.3	6.4	6.1	6.2
127°	6.4	6.4	6.2	6.1	6.0
127.5°	6.6	6.5	6.4	6.1	6.0
128°	6.6	6.3	6.3	6.1	6.2
128.5°	6.4	6.4	6.2	6.0	6.2
129°	6.3	6.3	6.2	6.1	6.0
129.5°	6.2	6.3	6.2	6.1	6.1
130°	6.2	6.3	6.1	5.9	6.0
130.5°	6.4	6.2	6.2	5.6	6.0
131°	6.1	6.1	6.1	5.7	5.9
131.5°	6.2	6.0	5.7	5.6	5.7
132°	6.1	5.9	5.9	5.6	5.6
132.5°	6.1	5.9	5.7	5.6	5.7
133°	5.9	5.6	5.6	5.3	5.5
133.5°	6.0	5.6	5.4	5.2	5.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L835-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	5.7	5.4	5.2	5.1	5.5
135.5°	5.4	5.5	5.2	5.0	5.3
136°	5.3	5.2	5.0	4.8	5.3
136.5°	5.4	5.2	5.0	4.8	5.2
137°	5.3	5.1	5.0	4.8	5.1
137.5°	5.2	5.0	4.9	4.5	4.9
138°	5.1	4.9	4.6	4.5	4.9
138.5°	5.2	4.9	4.8	4.4	4.8
139°	4.5	4.8	4.6	4.2	4.9
139.5°	4.9	4.5	4.4	4.3	4.8
140°	4.8	4.4	4.5	4.2	4.4
140.5°	4.8	4.4	4.4	4.2	4.4
141°	4.5	4.4	4.3	4.0	4.2
141.5°	4.2	4.4	4.4	4.0	4.2
142°	4.1	4.1	4.3	4.1	3.9
142.5°	4.1	4.3	4.2	4.0	3.9
143°	4.3	4.2	4.2	4.1	3.9
143.5°	4.3	4.2	4.2	3.9	3.9
144°	4.3	4.0	4.3	3.8	4.0
144.5°	4.1	4.0	4.1	3.9	4.0
145°	4.2	4.0	4.1	3.6	4.0
145.5°	4.1	3.9	4.0	3.6	4.2
146°	4.1	3.9	3.8	3.6	4.0
146.5°	4.2	3.9	3.8	3.6	4.0
147°	4.1	3.9	3.6	3.8	3.8
147.5°	4.0	3.9	3.6	3.8	4.1
148°	4.1	3.9	3.8	3.6	4.1
148.5°	4.2	4.0	3.8	3.6	4.1
149°	4.1	3.9	3.8	3.6	4.1
149.5°	4.3	3.8	3.8	3.6	4.2
150°	4.2	4.0	3.8	3.6	4.1
150.5°	4.1	3.9	3.8	3.8	4.1
151°	4.3	3.9	3.6	3.8	4.3
151.5°	4.2	4.0	3.6	3.8	4.3
152°	4.3	4.0	3.9	4.0	4.1
152.5°	4.3	4.1	3.8	3.9	4.3
153°	4.2	4.0	3.9	4.1	4.4
153.5°	4.5	4.1	3.8	4.0	4.3
154°	4.3	4.1	4.0	4.0	4.3
154.5°	4.3	4.0	4.0	4.2	4.4
155°	4.1	4.1	4.1	4.2	4.5
155.5°	4.3	4.0	4.0	4.1	4.4
156°	4.1	4.1	4.1	4.1	4.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L835-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	4.1	3.9	4.0	4.2	4.3
158°	4.4	4.1	4.0	4.1	4.4
158.5°	4.2	4.1	3.9	4.1	4.3
159°	4.3	4.1	4.0	4.1	4.5
159.5°	4.2	4.0	4.0	4.1	4.6
160°	4.2	4.1	3.9	4.1	4.4
160.5°	4.1	4.0	4.0	4.2	4.4
161°	4.1	4.0	4.0	4.2	4.4
161.5°	4.2	4.1	4.0	4.0	4.2
162°	4.1	4.0	4.1	4.2	4.2
162.5°	4.3	4.2	4.1	4.1	4.3
163°	4.3	4.1	4.2	4.2	4.2
163.5°	4.2	4.1	4.2	4.2	4.5
164°	4.1	4.2	4.1	4.4	4.4
164.5°	4.0	4.3	4.2	4.4	4.5
165°	4.1	4.1	4.0	4.3	4.4
165.5°	3.9	4.1	4.0	4.6	4.4
166°	4.2	4.2	4.1	4.4	4.3
166.5°	4.2	4.1	4.0	4.5	4.1
167°	4.1	4.4	4.1	4.6	4.5
167.5°	4.2	4.4	4.2	4.8	4.5
168°	4.3	4.3	4.1	4.6	4.4
168.5°	4.2	4.5	4.3	5.0	4.5
169°	4.5	4.4	4.1	5.0	4.5
169.5°	4.4	4.4	4.2	4.9	4.6
170°	4.5	4.4	4.3	5.0	4.5
170.5°	4.5	4.6	4.3	5.0	4.8
171°	4.5	4.5	4.5	5.0	4.9
171.5°	4.4	4.5	4.5	5.1	4.6
172°	4.4	4.5	4.6	5.1	4.8
172.5°	4.6	4.6	4.8	5.1	4.8
173°	4.4	4.4	4.8	5.1	4.9
173.5°	4.8	4.6	4.9	5.0	5.0
174°	4.9	4.9	5.2	5.1	4.9
174.5°	4.9	5.1	5.1	5.3	5.1
175°	5.2	5.1	5.2	5.3	5.0
175.5°	5.2	5.1	5.4	5.2	5.2
176°	5.4	5.3	5.2	5.1	5.1
176.5°	5.5	5.2	5.3	4.9	5.1
177°	5.3	5.2	5.0	4.9	5.1
177.5°	5.4	5.2	4.9	4.8	5.2
178°	5.1	5.0	4.8	4.8	4.9
178.5°	5.0	4.9	4.6	4.6	4.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L835-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	4.3	4.3	4.3	4.3	4.3



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	4542.7	4537.2	4515.1	4494.1	4485.3
22°	4540.5	4535.0	4511.8	4490.8	4482.0



44°	4066.4	4049.8	4016.6	3996.7	3983.5
44.5°	4040.9	4023.3	3992.3	3971.3	3958.0



66.5°	2171.9	2163.1	2146.5	2140.9	2135.4
67°	2117.7	2107.8	2092.3	2086.8	2082.4



89°	32.3	31.7	31.4	33.0	33.5
89.5°	14.3	14.5	14.1	15.1	14.9



111.5°	2.8	2.4	2.5	2.5	2.4
112°	2.8	2.5	2.5	2.5	2.8



134°	5.6	5.5	5.4	5.3	5.6
134.5°	5.7	5.4	5.4	5.1	5.3



156.5°	4.3	4.0	4.1	4.2	4.3
157°	4.2	4.0	4.1	4.1	4.3



179°	4.8	4.6	4.4	4.5	4.8
179.5°	4.2	4.4	4.3	4.2	4.5



(END OF REPORT)