

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-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-L850-CFR2
Description: 16000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS
AND 5000K CCT, 80CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

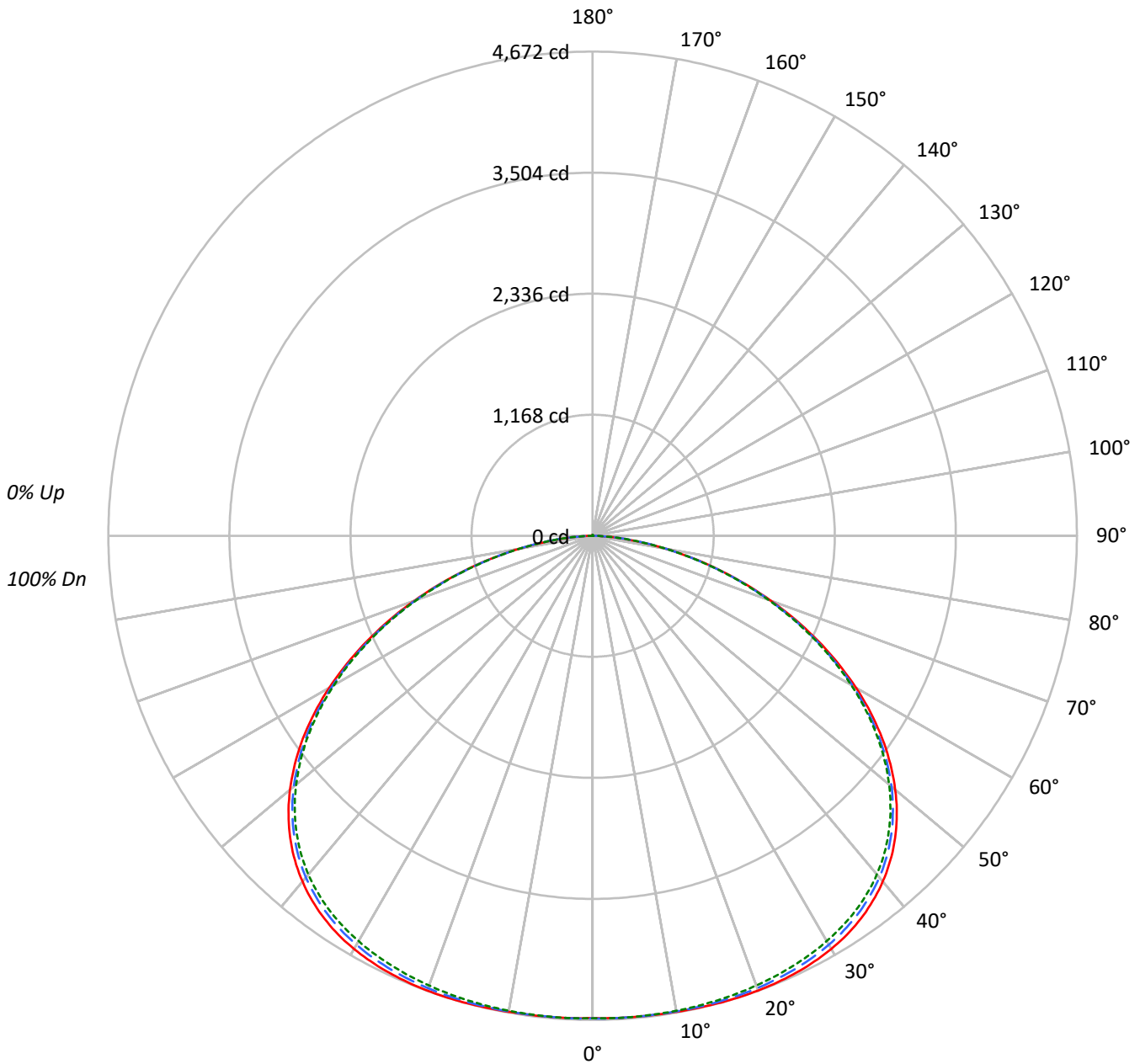
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16858.0 lumens
Efficiency: N/A
Efficacy: 130.3 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 (A_{in}): 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°	3324	3324	3324
5°	3340	3340	3339
10°	3382	3378	3373
15°	3452	3443	3431
20°	3547	3528	3509
25°	3664	3635	3606
30°	3795	3756	3723
35°	3931	3885	3851
40°	4058	4010	3976
45°	4165	4113	4079
50°	4232	4181	4147
55°	4246	4193	4162
60°	4189	4138	4113
65°	4053	4007	3988
70°	3821	3781	3762
75°	3461	3439	3423
80°	2944	2954	2922
85°	2194	2246	2244



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	444.9	2.6
10°-20°	1319.6	7.8
20°-30°	2133.1	12.7
30°-40°	2794.0	16.6
40°-50°	3142.7	18.6
50°-60°	3007.2	17.8
60°-70°	2345.4	13.9
70°-80°	1321.8	7.8
80°-90°	327.1	1.9
90°-100°	1.1	0.0
100°-110°	1.9	0.0
110°-120°	3.4	0.0
120°-130°	5.3	0.0
130°-140°	4.2	0.0
140°-150°	2.6	0.0
150°-160°	1.9	0.0
160°-170°	1.2	0.0
170°-180°	0.5	0.0
0°-30°	3897.6	23.1
0°-40°	6691.5	39.7
0°-60°	12841.5	76.2
0°-90°	16835.7	99.9
90°-120°	6.5	0.0
90°-150°	18.6	0.1
90°-180°	22.0	0.1
0°-180°	16858.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4656	4656	4656	4656	4656	
5°	4660	4661	4660	4660	4659	445
15°	4670	4669	4658	4648	4642	1324
25°	4651	4643	4615	4589	4578	2150
35°	4510	4496	4458	4431	4418	2824
45°	4125	4107	4074	4055	4040	3178
55°	3411	3393	3369	3354	3344	3040
65°	2399	2390	2372	2365	2361	2369
75°	1255	1255	1247	1244	1241	1330
85°	268	271	274	276	274	310
90°	2	2	2	3	2	13
95°	1	1	1	1	1	1
105°	2	2	2	2	2	2
115°	3	3	3	3	3	4
125°	7	6	6	6	6	5
135°	6	6	5	5	6	4
145°	4	4	4	4	4	3
155°	4	4	4	4	5	2
165°	4	4	4	4	4	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°	4655.7	4655.7	4655.7	4655.7	4655.7
0.5°	4654.6	4658.0	4659.1	4658.0	4655.7
1°	4655.7	4658.0	4659.1	4659.1	4656.8
1.5°	4656.8	4659.1	4659.1	4659.1	4658.0
2°	4656.8	4659.1	4659.1	4660.2	4658.0
2.5°	4658.0	4660.2	4660.2	4660.2	4658.0
3°	4659.1	4660.2	4660.2	4660.2	4659.1
3.5°	4659.1	4660.2	4660.2	4660.2	4659.1
4°	4660.2	4660.2	4660.2	4660.2	4659.1
4.5°	4660.2	4661.4	4660.2	4660.2	4659.1
5°	4660.2	4661.4	4660.2	4660.2	4659.1
5.5°	4660.2	4661.4	4660.2	4660.2	4659.1
6°	4661.4	4661.4	4660.2	4660.2	4658.0
6.5°	4661.4	4662.5	4661.4	4660.2	4658.0
7°	4661.4	4662.5	4660.2	4660.2	4658.0
7.5°	4661.4	4662.5	4660.2	4659.1	4656.8
8°	4662.5	4662.5	4661.4	4659.1	4656.8
8.5°	4662.5	4663.6	4660.2	4659.1	4655.7
9°	4663.6	4663.6	4661.4	4658.0	4655.7
9.5°	4663.6	4664.8	4660.2	4658.0	4654.6
10°	4664.8	4664.8	4660.2	4656.8	4653.4
10.5°	4665.9	4665.9	4660.2	4656.8	4653.4
11°	4665.9	4665.9	4660.2	4655.7	4652.3
11.5°	4667.0	4667.0	4660.2	4654.6	4651.1
12°	4667.0	4667.0	4660.2	4654.6	4650.0
12.5°	4668.2	4667.0	4659.1	4653.4	4648.9
13°	4668.2	4667.0	4659.1	4652.3	4647.7
13.5°	4669.3	4668.2	4659.1	4651.1	4646.6
14°	4669.3	4668.2	4659.1	4650.0	4644.3
14.5°	4670.5	4668.2	4658.0	4648.9	4643.2
15°	4670.5	4669.3	4658.0	4647.7	4642.1
15.5°	4671.6	4669.3	4656.8	4645.5	4639.8
16°	4670.5	4669.3	4655.7	4644.3	4637.5
16.5°	4671.6	4669.3	4655.7	4642.1	4635.3
17°	4671.6	4668.2	4654.6	4639.8	4634.1
17.5°	4671.6	4668.2	4652.3	4638.7	4631.8
18°	4671.6	4668.2	4651.1	4636.4	4628.4
18.5°	4671.6	4667.0	4650.0	4634.1	4626.2
19°	4670.5	4667.0	4648.9	4631.8	4623.9
19.5°	4670.5	4665.9	4646.6	4628.4	4620.5
20°	4669.3	4664.8	4644.3	4626.2	4618.2
20.5°	4668.2	4663.6	4643.2	4623.9	4614.8
21°	4668.2	4662.5	4640.9	4620.5	4611.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	4663.6	4656.8	4633.0	4610.3	4600.0
23°	4661.4	4654.6	4629.6	4606.9	4596.6
23.5°	4659.1	4652.3	4626.2	4602.3	4592.1
24°	4656.8	4650.0	4622.8	4597.8	4587.6
24.5°	4654.6	4646.6	4619.4	4593.2	4583.0
25°	4651.1	4643.2	4614.8	4588.7	4578.5
25.5°	4647.7	4639.8	4610.3	4584.2	4572.8
26°	4644.3	4636.4	4605.7	4579.6	4568.3
26.5°	4640.9	4631.8	4601.2	4573.9	4562.6
27°	4636.4	4627.3	4595.5	4568.3	4556.9
27.5°	4631.8	4622.8	4589.8	4562.6	4551.2
28°	4627.3	4617.1	4584.2	4556.9	4545.5
28.5°	4621.6	4611.4	4578.5	4550.1	4538.7
29°	4615.9	4605.7	4571.7	4543.3	4531.9
29.5°	4610.3	4598.9	4564.8	4536.5	4524.0
30°	4603.5	4592.1	4556.9	4528.5	4516.0
30.5°	4596.6	4585.3	4548.9	4520.6	4509.2
31°	4588.7	4577.3	4541.0	4512.6	4500.1
31.5°	4581.9	4569.4	4531.9	4504.7	4492.2
32°	4572.8	4560.3	4524.0	4495.6	4483.1
32.5°	4563.7	4551.2	4513.7	4485.4	4472.9
33°	4554.6	4541.0	4503.5	4476.3	4462.6
33.5°	4544.4	4530.8	4493.3	4466.1	4452.4
34°	4533.1	4519.4	4482.0	4454.7	4442.2
34.5°	4521.7	4508.1	4470.6	4443.3	4430.9
35°	4510.3	4495.6	4458.1	4430.9	4418.4
35.5°	4497.9	4483.1	4445.6	4418.4	4405.9
36°	4485.4	4469.5	4432.0	4405.9	4392.2
36.5°	4470.6	4455.8	4418.4	4392.2	4379.8
37°	4455.8	4441.1	4403.6	4377.5	4365.0
37.5°	4441.1	4425.2	4388.8	4362.7	4349.1
38°	4425.2	4410.4	4372.9	4348.0	4334.3
38.5°	4409.3	4393.4	4355.9	4330.9	4318.4
39°	4392.2	4375.2	4338.9	4315.0	4301.4
39.5°	4374.1	4357.0	4321.8	4296.9	4284.4
40°	4354.8	4338.9	4302.5	4278.7	4266.2
40.5°	4336.6	4319.6	4283.2	4260.5	4246.9
41°	4316.2	4299.1	4263.9	4240.1	4226.5
41.5°	4294.6	4277.6	4242.4	4219.6	4206.0
42°	4273.0	4256.0	4220.8	4199.2	4184.4
42.5°	4250.3	4233.3	4198.1	4176.5	4162.9
43°	4227.6	4209.4	4175.4	4153.8	4140.2
43.5°	4203.7	4185.6	4151.5	4129.9	4116.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	4125.4	4107.2	4074.3	4055.0	4040.2
45.5°	4098.1	4078.8	4047.0	4027.7	4014.1
46°	4069.8	4050.5	4018.7	3999.4	3985.7
46.5°	4040.2	4020.9	3990.3	3971.0	3957.3
47°	4009.6	3991.4	3959.6	3942.6	3927.8
47.5°	3978.9	3959.6	3928.9	3911.9	3897.2
48°	3948.3	3927.8	3898.3	3880.1	3865.4
48.5°	3915.3	3896.0	3866.5	3849.5	3835.8
49°	3880.1	3862.0	3832.4	3814.3	3801.8
49.5°	3846.1	3827.9	3798.4	3781.3	3767.7
50°	3810.9	3791.5	3764.3	3747.3	3733.6
50.5°	3774.5	3755.2	3728.0	3710.9	3698.4
51°	3738.2	3718.9	3691.6	3674.6	3661.0
51.5°	3699.6	3680.3	3653.0	3637.1	3624.6
52°	3661.0	3641.7	3614.4	3599.6	3587.2
52.5°	3622.4	3603.0	3575.8	3559.9	3548.5
53°	3580.3	3562.2	3537.2	3522.4	3509.9
53.5°	3538.3	3520.2	3495.2	3480.4	3469.1
54°	3496.3	3478.1	3453.2	3438.4	3428.2
54.5°	3455.4	3436.1	3412.3	3397.5	3387.3
55°	3411.1	3393.0	3369.1	3354.4	3344.1
55.5°	3366.9	3348.7	3324.8	3310.1	3301.0
56°	3320.3	3303.3	3279.4	3266.9	3257.8
56.5°	3273.7	3257.8	3234.0	3221.5	3212.4
57°	3228.3	3211.3	3188.6	3177.2	3168.1
57.5°	3182.9	3164.7	3142.0	3130.7	3121.6
58°	3132.9	3115.9	3094.3	3083.0	3075.0
58.5°	3084.1	3068.2	3045.5	3035.3	3027.3
59°	3035.3	3019.4	2997.8	2987.6	2979.6
59.5°	2984.2	2969.4	2947.8	2937.6	2929.7
60°	2934.2	2918.3	2897.9	2888.8	2880.9
60.5°	2883.1	2869.5	2847.9	2838.8	2830.9
61°	2830.9	2817.3	2796.8	2787.7	2779.8
61.5°	2777.5	2766.2	2745.7	2736.6	2729.8
62°	2725.3	2713.9	2693.5	2685.5	2678.7
62.5°	2671.9	2660.6	2640.1	2632.2	2625.4
63°	2618.5	2607.2	2587.9	2579.9	2573.1
63.5°	2564.0	2552.7	2534.5	2526.6	2519.8
64°	2509.5	2498.2	2478.9	2473.2	2465.2
64.5°	2455.0	2443.7	2424.4	2418.7	2411.9
65°	2399.4	2390.3	2372.1	2365.3	2360.8
65.5°	2344.9	2333.5	2316.5	2310.8	2304.0
66°	2287.0	2277.9	2260.8	2255.2	2250.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	2118.9	2108.7	2093.9	2088.2	2082.6
68°	2061.0	2051.9	2037.1	2032.6	2026.9
68.5°	2003.1	1994.0	1979.2	1975.8	1972.4
69°	1945.2	1936.1	1923.6	1920.2	1915.6
69.5°	1888.4	1879.3	1868.0	1864.5	1858.9
70°	1830.5	1822.5	1811.2	1807.8	1802.1
70.5°	1772.6	1764.6	1754.4	1751.0	1745.3
71°	1714.7	1707.8	1698.8	1694.2	1688.5
71.5°	1657.9	1651.1	1640.8	1637.4	1632.9
72°	1600.0	1594.3	1584.1	1581.8	1576.1
72.5°	1542.1	1537.5	1527.3	1525.0	1520.5
73°	1484.1	1479.6	1469.4	1467.1	1463.7
73.5°	1427.4	1422.8	1413.7	1410.3	1406.9
74°	1370.6	1367.2	1358.1	1355.8	1351.3
74.5°	1312.7	1310.4	1302.5	1299.1	1295.6
75°	1254.8	1254.8	1246.8	1244.5	1241.1
75.5°	1199.1	1199.1	1191.2	1188.9	1185.5
76°	1143.5	1143.5	1135.5	1133.4	1128.8
76.5°	1087.3	1087.7	1081.0	1078.6	1074.9
77°	1033.4	1033.9	1027.9	1024.8	1021.1
77.5°	975.9	978.6	973.6	970.9	967.1
78°	922.2	925.6	920.5	918.3	915.1
78.5°	871.5	873.7	870.4	867.8	863.3
79°	818.5	820.2	818.0	815.8	811.5
79.5°	766.3	769.1	767.6	765.6	760.6
80°	716.2	718.2	718.6	715.5	710.8
80.5°	663.5	667.7	668.4	665.3	662.9
81°	614.8	618.8	619.9	618.1	614.9
81.5°	566.9	571.5	572.5	571.5	567.4
82°	518.8	524.5	526.2	525.4	520.9
82.5°	472.9	479.3	481.1	480.4	476.2
83°	428.4	435.4	437.1	437.6	433.8
83.5°	385.4	392.0	394.1	394.8	390.6
84°	344.1	350.0	352.7	353.8	350.3
84.5°	304.8	309.5	312.8	314.3	312.6
85°	267.8	271.2	274.2	276.3	273.9
85.5°	231.9	234.6	236.9	240.1	238.1
86°	198.5	201.2	202.8	205.3	205.3
86.5°	166.7	167.9	169.2	172.1	172.1
87°	136.3	136.4	136.8	140.6	140.7
87.5°	105.2	106.1	106.5	109.8	110.9
88°	74.2	76.8	77.4	80.5	80.3
88.5°	52.5	52.5	52.3	55.4	56.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	2.5	2.4	2.5	2.6	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	1.1
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	1.4
97.5°	1.4	1.1	1.1	1.0	1.4
98°	1.5	1.2	1.2	1.2	1.5
98.5°	1.5	1.2	1.1	1.1	1.4
99°	1.4	1.4	1.2	1.1	1.2
99.5°	1.5	1.1	1.4	1.2	1.2
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°	1.8	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°	1.9	1.7	1.7	1.6	1.5
104.5°	1.7	1.8	1.8	1.8	1.6
105°	2.0	1.8	1.7	1.9	1.9
105.5°	1.9	1.6	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°	2.2	1.9	2.0	2.2	2.0
108°	2.2	1.9	1.8	2.2	1.9
108.5°	2.2	2.2	2.2	2.0	1.9
109°	2.3	2.2	2.2	2.2	2.3
109.5°	2.4	2.0	2.4	2.3	2.0
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-160-L850-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	2.7	2.8	3.0	2.8	2.6
113°	3.1	2.7	2.7	2.8	2.8
113.5°	3.1	3.1	3.1	3.2	3.2
114°	3.2	3.2	3.3	3.3	3.2
114.5°	3.4	3.4	3.3	3.3	3.1
115°	3.4	3.4	3.3	3.4	3.3
115.5°	3.7	3.4	3.6	3.5	3.3
116°	3.6	3.7	3.7	3.6	3.5
116.5°	3.9	3.9	3.9	3.9	3.7
117°	4.1	4.1	4.1	4.1	3.6
117.5°	4.3	4.1	4.2	4.1	3.9
118°	4.3	4.2	4.4	4.2	4.0
118.5°	4.7	4.4	4.4	4.3	4.2
119°	4.7	4.7	4.8	4.4	4.4
119.5°	4.8	4.8	4.8	4.7	4.5
120°	5.0	5.0	4.9	4.8	4.9
120.5°	5.1	4.9	5.1	5.0	4.9
121°	5.1	5.1	5.1	5.1	4.9
121.5°	5.7	5.5	5.3	5.1	5.1
122°	5.3	5.7	5.5	5.3	5.5
122.5°	5.8	5.7	5.6	5.6	5.3
123°	5.9	5.9	5.7	5.7	5.6
123.5°	5.9	6.1	5.8	5.6	5.8
124°	6.0	6.1	6.0	5.8	5.8
124.5°	6.4	6.1	6.0	5.9	5.9
125°	6.6	6.4	6.2	6.1	6.1
125.5°	6.6	6.5	6.2	6.1	6.2
126°	6.6	6.4	6.2	6.2	6.1
126.5°	6.4	6.5	6.6	6.2	6.4
127°	6.6	6.6	6.4	6.2	6.1
127.5°	6.8	6.7	6.6	6.2	6.1
128°	6.8	6.5	6.5	6.2	6.4
128.5°	6.6	6.6	6.4	6.1	6.4
129°	6.5	6.5	6.4	6.2	6.1
129.5°	6.4	6.5	6.4	6.2	6.2
130°	6.4	6.5	6.2	6.0	6.1
130.5°	6.6	6.4	6.4	5.8	6.1
131°	6.2	6.2	6.2	5.9	6.0
131.5°	6.4	6.1	5.9	5.8	5.9
132°	6.2	6.0	6.0	5.8	5.8
132.5°	6.2	6.0	5.9	5.8	5.9
133°	6.0	5.8	5.8	5.5	5.7
133.5°	6.1	5.8	5.6	5.3	5.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L850-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	5.9	5.6	5.3	5.2	5.7
135.5°	5.6	5.7	5.3	5.1	5.5
136°	5.5	5.3	5.1	4.9	5.5
136.5°	5.6	5.3	5.1	4.9	5.3
137°	5.5	5.2	5.1	4.9	5.2
137.5°	5.3	5.1	5.0	4.7	5.0
138°	5.2	5.0	4.8	4.7	5.0
138.5°	5.3	5.0	4.9	4.5	4.9
139°	4.7	4.9	4.8	4.3	5.0
139.5°	5.0	4.7	4.5	4.4	4.9
140°	4.9	4.5	4.7	4.3	4.5
140.5°	4.9	4.5	4.5	4.3	4.5
141°	4.7	4.5	4.4	4.1	4.3
141.5°	4.3	4.5	4.5	4.1	4.3
142°	4.2	4.2	4.4	4.2	4.0
142.5°	4.2	4.4	4.3	4.1	4.0
143°	4.4	4.3	4.3	4.2	4.0
143.5°	4.4	4.3	4.3	4.0	4.0
144°	4.4	4.1	4.4	3.9	4.1
144.5°	4.2	4.1	4.2	4.0	4.1
145°	4.3	4.1	4.2	3.7	4.1
145.5°	4.2	4.0	4.1	3.7	4.3
146°	4.2	4.0	3.9	3.7	4.1
146.5°	4.3	4.0	3.9	3.7	4.1
147°	4.2	4.0	3.7	3.9	3.9
147.5°	4.1	4.0	3.7	3.9	4.2
148°	4.2	4.0	3.9	3.7	4.2
148.5°	4.3	4.1	3.9	3.7	4.2
149°	4.2	4.0	3.9	3.7	4.2
149.5°	4.4	3.9	3.9	3.7	4.3
150°	4.3	4.1	3.9	3.7	4.2
150.5°	4.2	4.0	3.9	3.9	4.2
151°	4.4	4.0	3.7	3.9	4.4
151.5°	4.3	4.1	3.7	3.9	4.4
152°	4.4	4.1	4.0	4.1	4.2
152.5°	4.4	4.2	3.9	4.0	4.4
153°	4.3	4.1	4.0	4.2	4.5
153.5°	4.7	4.2	3.9	4.1	4.4
154°	4.4	4.2	4.1	4.1	4.4
154.5°	4.4	4.1	4.1	4.3	4.5
155°	4.2	4.2	4.2	4.3	4.7
155.5°	4.4	4.1	4.1	4.2	4.5
156°	4.2	4.2	4.2	4.2	4.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L850-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	4.2	4.0	4.1	4.3	4.4
158°	4.5	4.2	4.1	4.2	4.5
158.5°	4.3	4.2	4.0	4.2	4.4
159°	4.4	4.2	4.1	4.2	4.7
159.5°	4.3	4.1	4.1	4.2	4.8
160°	4.3	4.2	4.0	4.2	4.5
160.5°	4.2	4.1	4.1	4.3	4.5
161°	4.2	4.1	4.1	4.3	4.5
161.5°	4.3	4.2	4.1	4.1	4.3
162°	4.2	4.1	4.2	4.3	4.3
162.5°	4.4	4.3	4.2	4.2	4.4
163°	4.4	4.2	4.3	4.3	4.3
163.5°	4.3	4.2	4.3	4.3	4.7
164°	4.2	4.3	4.2	4.5	4.5
164.5°	4.1	4.4	4.3	4.5	4.7
165°	4.2	4.2	4.1	4.4	4.5
165.5°	4.0	4.2	4.1	4.8	4.5
166°	4.3	4.3	4.2	4.5	4.4
166.5°	4.3	4.2	4.1	4.7	4.2
167°	4.2	4.5	4.2	4.8	4.7
167.5°	4.3	4.5	4.3	4.9	4.7
168°	4.4	4.4	4.2	4.8	4.5
168.5°	4.3	4.7	4.4	5.1	4.7
169°	4.7	4.5	4.2	5.1	4.7
169.5°	4.5	4.5	4.3	5.0	4.8
170°	4.7	4.5	4.4	5.1	4.7
170.5°	4.7	4.8	4.4	5.1	4.9
171°	4.7	4.7	4.7	5.1	5.0
171.5°	4.5	4.7	4.7	5.2	4.8
172°	4.5	4.7	4.8	5.2	4.9
172.5°	4.8	4.8	4.9	5.2	4.9
173°	4.5	4.5	4.9	5.2	5.0
173.5°	4.9	4.8	5.0	5.1	5.1
174°	5.0	5.0	5.3	5.2	5.0
174.5°	5.0	5.2	5.2	5.5	5.2
175°	5.3	5.2	5.3	5.5	5.1
175.5°	5.3	5.2	5.6	5.3	5.3
176°	5.6	5.5	5.3	5.2	5.2
176.5°	5.7	5.3	5.5	5.0	5.2
177°	5.5	5.3	5.1	5.0	5.2
177.5°	5.6	5.3	5.0	4.9	5.3
178°	5.2	5.1	4.9	4.9	5.0
178.5°	5.1	5.0	4.8	4.8	4.8



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L850-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	4.4	4.4	4.4	4.4	4.4



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	4667.0	4661.4	4638.7	4617.1	4608.0
22°	4664.8	4659.1	4635.3	4613.7	4604.6



44°	4177.6	4160.6	4126.5	4106.1	4092.5
44.5°	4151.5	4133.3	4101.5	4080.0	4066.3



66.5°	2231.3	2222.2	2205.2	2199.5	2193.9
67°	2175.7	2165.5	2149.6	2143.9	2139.3



89°	33.2	32.6	32.2	34.0	34.4
89.5°	14.6	14.9	14.5	15.6	15.3



111.5°	2.8	2.5	2.6	2.6	2.5
112°	2.8	2.6	2.6	2.6	2.8



134°	5.8	5.7	5.6	5.5	5.8
134.5°	5.9	5.6	5.6	5.2	5.5



156.5°	4.4	4.1	4.2	4.3	4.4
157°	4.3	4.1	4.2	4.2	4.4



179°	4.9	4.8	4.5	4.7	4.9
179.5°	4.3	4.5	4.4	4.3	4.7



(END OF REPORT)