

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-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-L835-CFD2
Description: 16000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS
AND 3500K CCT, 80CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

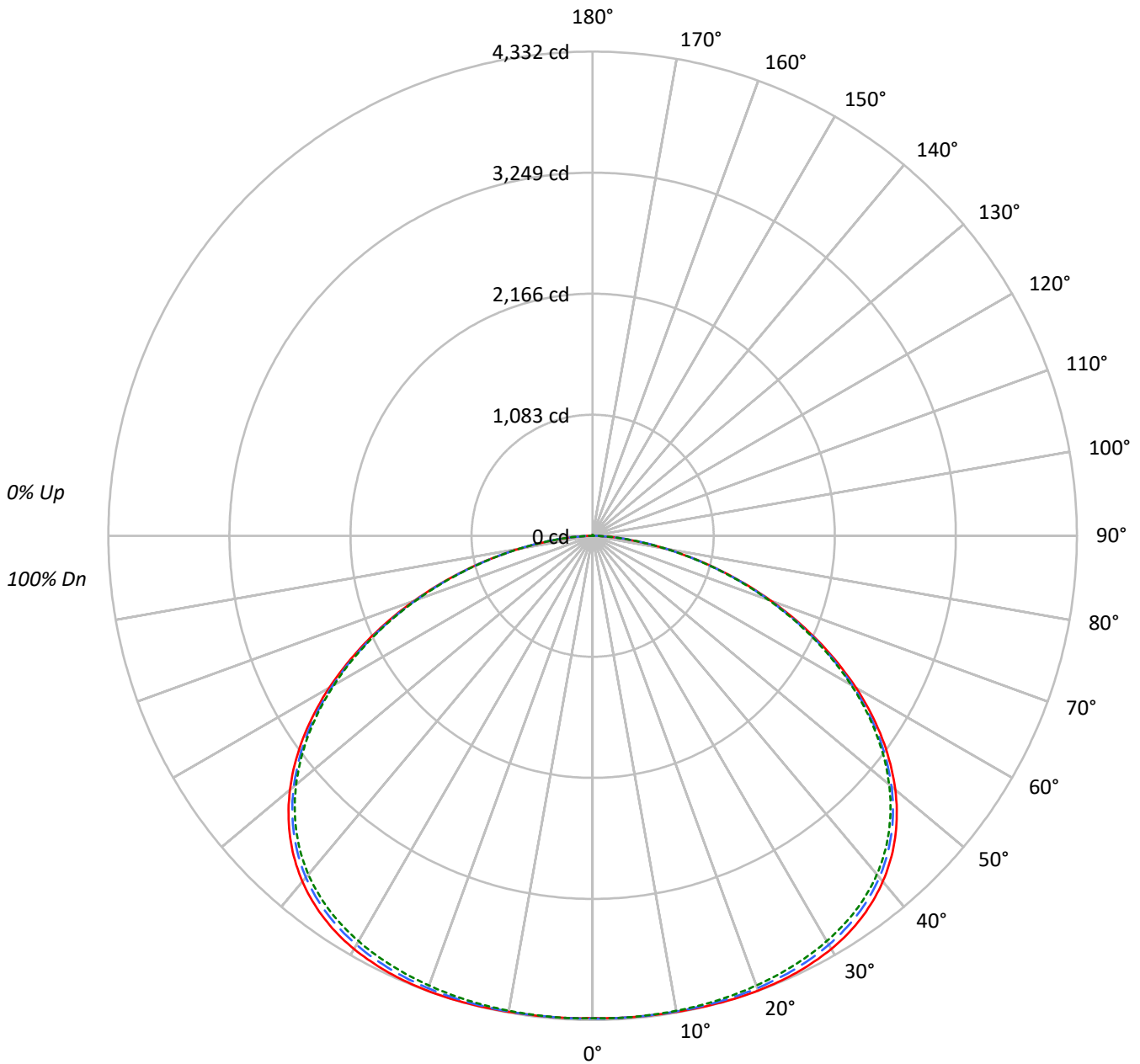
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15632.0 lumens
Efficiency: N/A
Efficacy: 120.8 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

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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°	3082	3082	3082
5°	3085	3080	3084
10°	3112	3099	3104
15°	3164	3141	3145
20°	3239	3201	3203
25°	3331	3278	3279
30°	3434	3365	3369
35°	3539	3456	3466
40°	3632	3538	3558
45°	3703	3596	3627
50°	3734	3615	3658
55°	3710	3578	3637
60°	3616	3472	3550
65°	3442	3288	3386
70°	3169	3005	3120
75°	2766	2600	2736
80°	2196	2038	2179
85°	1364	1230	1396



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	412.5	2.6
10°-20°	1223.6	7.8
20°-30°	1978.0	12.7
30°-40°	2590.8	16.6
40°-50°	2914.1	18.6
50°-60°	2788.5	17.8
60°-70°	2174.8	13.9
70°-80°	1225.6	7.8
80°-90°	303.3	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°	3.9	0.0
140°-150°	2.4	0.0
150°-160°	1.8	0.0
160°-170°	1.1	0.0
170°-180°	0.4	0.0
0°-30°	3614.1	23.1
0°-40°	6204.9	39.7
0°-60°	11907.6	76.2
0°-90°	15611.3	99.9
90°-120°	6.0	0.0
90°-150°	17.3	0.1
90°-180°	21.0	0.1
0°-180°	15632.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4317	4317	4317	4317	4317	
5°	4321	4322	4321	4321	4320	413
15°	4331	4330	4319	4310	4304	1227
25°	4313	4306	4279	4255	4246	1993
35°	4182	4169	4134	4109	4097	2618
45°	3825	3808	3778	3760	3746	2947
55°	3163	3146	3124	3110	3101	2819
65°	2225	2216	2200	2193	2189	2196
75°	1164	1164	1156	1154	1151	1233
85°	248	251	254	256	254	288
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°	4317.1	4317.1	4317.1	4317.1	4317.1
0.5°	4316.1	4319.2	4320.3	4319.2	4317.1
1°	4317.1	4319.2	4320.3	4320.3	4318.2
1.5°	4318.2	4320.3	4320.3	4320.3	4319.2
2°	4318.2	4320.3	4320.3	4321.3	4319.2
2.5°	4319.2	4321.3	4321.3	4321.3	4319.2
3°	4320.3	4321.3	4321.3	4321.3	4320.3
3.5°	4320.3	4321.3	4321.3	4321.3	4320.3
4°	4321.3	4321.3	4321.3	4321.3	4320.3
4.5°	4321.3	4322.4	4321.3	4321.3	4320.3
5°	4321.3	4322.4	4321.3	4321.3	4320.3
5.5°	4321.3	4322.4	4321.3	4321.3	4320.3
6°	4322.4	4322.4	4321.3	4321.3	4319.2
6.5°	4322.4	4323.4	4322.4	4321.3	4319.2
7°	4322.4	4323.4	4321.3	4321.3	4319.2
7.5°	4322.4	4323.4	4321.3	4320.3	4318.2
8°	4323.4	4323.4	4322.4	4320.3	4318.2
8.5°	4323.4	4324.5	4321.3	4320.3	4317.1
9°	4324.5	4324.5	4322.4	4319.2	4317.1
9.5°	4324.5	4325.5	4321.3	4319.2	4316.1
10°	4325.5	4325.5	4321.3	4318.2	4315.0
10.5°	4326.6	4326.6	4321.3	4318.2	4315.0
11°	4326.6	4326.6	4321.3	4317.1	4313.9
11.5°	4327.6	4327.6	4321.3	4316.1	4312.9
12°	4327.6	4327.6	4321.3	4316.1	4311.8
12.5°	4328.7	4327.6	4320.3	4315.0	4310.8
13°	4328.7	4327.6	4320.3	4313.9	4309.7
13.5°	4329.7	4328.7	4320.3	4312.9	4308.7
14°	4329.7	4328.7	4320.3	4311.8	4306.6
14.5°	4330.8	4328.7	4319.2	4310.8	4305.5
15°	4330.8	4329.7	4319.2	4309.7	4304.5
15.5°	4331.8	4329.7	4318.2	4307.6	4302.4
16°	4330.8	4329.7	4317.1	4306.6	4300.3
16.5°	4331.8	4329.7	4317.1	4304.5	4298.2
17°	4331.8	4328.7	4316.1	4302.4	4297.1
17.5°	4331.8	4328.7	4313.9	4301.3	4295.0
18°	4331.8	4328.7	4312.9	4299.2	4291.8
18.5°	4331.8	4327.6	4311.8	4297.1	4289.7
19°	4330.8	4327.6	4310.8	4295.0	4287.6
19.5°	4330.8	4326.6	4308.7	4291.8	4284.5
20°	4329.7	4325.5	4306.6	4289.7	4282.4
20.5°	4328.7	4324.5	4305.5	4287.6	4279.2
21°	4328.7	4323.4	4303.4	4284.5	4276.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	4324.5	4318.2	4296.0	4275.0	4265.5
23°	4322.4	4316.1	4292.9	4271.8	4262.4
23.5°	4320.3	4313.9	4289.7	4267.6	4258.1
24°	4318.2	4311.8	4286.6	4263.4	4253.9
24.5°	4316.1	4308.7	4283.4	4259.2	4249.7
25°	4312.9	4305.5	4279.2	4255.0	4245.5
25.5°	4309.7	4302.4	4275.0	4250.8	4240.2
26°	4306.6	4299.2	4270.8	4246.6	4236.0
26.5°	4303.4	4295.0	4266.6	4241.3	4230.8
27°	4299.2	4290.8	4261.3	4236.0	4225.5
27.5°	4295.0	4286.6	4256.0	4230.8	4220.2
28°	4290.8	4281.3	4250.8	4225.5	4215.0
28.5°	4285.5	4276.0	4245.5	4219.2	4208.7
29°	4280.3	4270.8	4239.2	4212.9	4202.3
29.5°	4275.0	4264.5	4232.9	4206.5	4195.0
30°	4268.7	4258.1	4225.5	4199.2	4187.6
30.5°	4262.4	4251.8	4218.1	4191.8	4181.3
31°	4255.0	4244.5	4210.8	4184.4	4172.8
31.5°	4248.7	4237.1	4202.3	4177.1	4165.5
32°	4240.2	4228.7	4195.0	4168.6	4157.1
32.5°	4231.8	4220.2	4185.5	4159.2	4147.6
33°	4223.4	4210.8	4176.0	4150.7	4138.1
33.5°	4213.9	4201.3	4166.5	4141.3	4128.6
34°	4203.4	4190.8	4156.0	4130.7	4119.1
34.5°	4192.9	4180.2	4145.5	4120.2	4108.6
35°	4182.3	4168.6	4133.9	4108.6	4097.0
35.5°	4170.7	4157.1	4122.3	4097.0	4085.5
36°	4159.2	4144.4	4109.7	4085.5	4072.8
36.5°	4145.5	4131.8	4097.0	4072.8	4061.2
37°	4131.8	4118.1	4083.3	4059.1	4047.5
37.5°	4118.1	4103.4	4069.7	4045.4	4032.8
38°	4103.4	4089.7	4054.9	4031.8	4019.1
38.5°	4088.6	4073.9	4039.1	4016.0	4004.4
39°	4072.8	4057.0	4023.3	4001.2	3988.6
39.5°	4056.0	4040.2	4007.5	3984.4	3972.8
40°	4038.1	4023.3	3989.6	3967.5	3955.9
40.5°	4021.2	4005.4	3971.7	3950.7	3938.0
41°	4002.3	3986.5	3953.8	3931.7	3919.1
41.5°	3982.3	3966.5	3933.8	3912.8	3900.1
42°	3962.3	3946.5	3913.8	3893.8	3880.1
42.5°	3941.2	3925.4	3892.8	3872.8	3860.1
43°	3920.1	3903.3	3871.7	3851.7	3839.1
43.5°	3898.0	3881.2	3849.6	3829.6	3817.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	3825.4	3808.5	3778.0	3760.1	3746.4
45.5°	3800.1	3782.2	3752.7	3734.8	3722.2
46°	3773.8	3755.9	3726.4	3708.5	3695.9
46.5°	3746.4	3728.5	3700.1	3682.2	3669.5
47°	3718.0	3701.1	3671.6	3655.9	3642.2
47.5°	3689.5	3671.6	3643.2	3627.4	3613.7
48°	3661.1	3642.2	3614.8	3597.9	3584.2
48.5°	3630.6	3612.7	3585.3	3569.5	3556.9
49°	3597.9	3581.1	3553.7	3536.9	3525.3
49.5°	3566.3	3549.5	3522.1	3506.3	3493.7
50°	3533.7	3515.8	3490.5	3474.7	3462.1
50.5°	3500.0	3482.1	3456.8	3441.0	3429.5
51°	3466.3	3448.4	3423.1	3407.4	3394.7
51.5°	3430.5	3412.6	3387.3	3372.6	3361.0
52°	3394.7	3376.8	3351.5	3337.9	3326.3
52.5°	3358.9	3341.0	3315.7	3301.0	3290.5
53°	3320.0	3303.1	3279.9	3266.3	3254.7
53.5°	3281.0	3264.2	3241.0	3227.3	3216.8
54°	3242.0	3225.2	3202.0	3188.3	3178.9
54.5°	3204.1	3186.2	3164.1	3150.4	3141.0
55°	3163.1	3146.2	3124.1	3110.4	3100.9
55.5°	3122.0	3105.2	3083.0	3069.4	3060.9
56°	3078.8	3063.0	3040.9	3029.3	3020.9
56.5°	3035.7	3020.9	2998.8	2987.2	2978.8
57°	2993.5	2977.7	2956.7	2946.2	2937.7
57.5°	2951.4	2934.6	2913.5	2903.0	2894.6
58°	2905.1	2889.3	2869.3	2858.8	2851.4
58.5°	2859.8	2845.1	2824.0	2814.5	2807.2
59°	2814.5	2799.8	2779.8	2770.3	2762.9
59.5°	2767.2	2753.5	2733.5	2724.0	2716.6
60°	2720.8	2706.1	2687.1	2678.7	2671.3
60.5°	2673.4	2660.8	2640.8	2632.4	2625.0
61°	2625.0	2612.4	2593.4	2585.0	2577.6
61.5°	2575.5	2565.0	2546.0	2537.6	2531.3
62°	2527.1	2516.6	2497.6	2490.2	2483.9
62.5°	2477.6	2467.1	2448.1	2440.7	2434.4
63°	2428.1	2417.6	2399.7	2392.3	2386.0
63.5°	2377.6	2367.0	2350.2	2342.8	2336.5
64°	2327.0	2316.5	2298.6	2293.3	2286.0
64.5°	2276.5	2266.0	2248.1	2242.8	2236.5
65°	2224.9	2216.5	2199.6	2193.3	2189.1
65.5°	2174.3	2163.8	2148.0	2142.8	2136.4
66°	2120.6	2112.2	2096.4	2091.2	2087.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1964.8	1955.3	1941.6	1936.4	1931.1
68°	1911.1	1902.7	1889.0	1884.8	1879.5
68.5°	1857.4	1849.0	1835.3	1832.1	1829.0
69°	1803.7	1795.3	1783.7	1780.5	1776.3
69.5°	1751.1	1742.6	1732.1	1728.9	1723.7
70°	1697.4	1690.0	1679.5	1676.3	1671.0
70.5°	1643.7	1636.3	1626.8	1623.7	1618.4
71°	1590.0	1583.6	1575.2	1571.0	1565.7
71.5°	1537.3	1531.0	1521.5	1518.4	1514.1
72°	1483.6	1478.3	1468.9	1466.8	1461.5
72.5°	1429.9	1425.7	1416.2	1414.1	1409.9
73°	1376.2	1372.0	1362.5	1360.4	1357.3
73.5°	1323.6	1319.3	1310.9	1307.8	1304.6
74°	1270.9	1267.8	1259.3	1257.2	1253.0
74.5°	1217.2	1215.1	1207.7	1204.6	1201.4
75°	1163.5	1163.5	1156.1	1154.0	1150.9
75.5°	1111.9	1111.9	1104.5	1102.4	1099.3
76°	1060.3	1060.3	1053.0	1051.0	1046.7
76.5°	1008.2	1008.6	1002.4	1000.2	996.7
77°	958.3	958.7	953.1	950.3	946.8
77.5°	904.9	907.4	902.8	900.3	896.8
78°	855.1	858.3	853.5	851.5	848.6
78.5°	808.1	810.1	807.1	804.7	800.6
79°	759.0	760.5	758.5	756.4	752.4
79.5°	710.5	713.2	711.8	709.9	705.3
80°	664.1	666.0	666.3	663.5	659.1
80.5°	615.2	619.1	619.8	616.9	614.7
81°	570.1	573.8	574.8	573.1	570.2
81.5°	525.6	530.0	530.9	530.0	526.2
82°	481.1	486.4	487.9	487.2	483.0
82.5°	438.6	444.5	446.1	445.5	441.6
83°	397.3	403.7	405.3	405.8	402.2
83.5°	357.4	363.5	365.5	366.1	362.2
84°	319.0	324.5	327.0	328.1	324.8
84.5°	282.6	287.0	290.1	291.5	289.9
85°	248.3	251.4	254.3	256.2	254.0
85.5°	215.0	217.5	219.6	222.6	220.8
86°	184.1	186.6	188.1	190.4	190.4
86.5°	154.6	155.7	156.9	159.6	159.6
87°	126.4	126.5	126.9	130.4	130.5
87.5°	97.5	98.3	98.8	101.8	102.9
88°	68.8	71.2	71.8	74.7	74.4
88.5°	48.6	48.6	48.5	51.4	52.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	2.3	2.2	2.3	2.4	2.2
90.5°	0.7	0.6	0.7	0.8	0.7
91°	0.7	0.6	0.6	0.7	0.6
91.5°	0.9	0.7	0.8	0.6	0.5
92°	0.7	0.7	0.7	0.8	0.7
92.5°	0.8	0.7	0.7	0.8	0.7
93°	0.8	0.8	0.8	0.7	0.6
93.5°	0.9	0.7	0.8	0.8	0.9
94°	0.9	0.8	0.9	0.8	1.1
94.5°	0.9	0.9	0.8	0.9	0.9
95°	0.9	0.7	0.9	0.8	1.1
95.5°	0.8	0.9	1.1	0.9	1.1
96°	1.2	1.2	0.9	0.9	1.1
96.5°	1.2	1.1	1.1	0.9	1.1
97°	1.2	1.1	1.2	0.9	1.3
97.5°	1.3	1.1	1.1	0.9	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	2.3
111°	2.2	2.3	2.3	2.3	2.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L835-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	2.5	2.6	2.7	2.6	2.4
113°	2.8	2.5	2.5	2.6	2.6
113.5°	2.8	2.8	2.8	2.9	2.9
114°	2.9	2.9	3.1	3.1	2.9
114.5°	3.2	3.2	3.1	3.1	2.8
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°	3.8	3.8	3.8	3.8	3.4
117.5°	4.0	3.8	3.9	3.8	3.6
118°	4.0	3.9	4.1	3.9	3.7
118.5°	4.3	4.1	4.1	4.0	3.9
119°	4.3	4.3	4.4	4.1	4.1
119.5°	4.4	4.4	4.4	4.3	4.2
120°	4.6	4.6	4.5	4.4	4.5
120.5°	4.7	4.5	4.7	4.6	4.5
121°	4.7	4.7	4.7	4.7	4.5
121.5°	5.3	5.1	4.9	4.7	4.7
122°	4.9	5.3	5.1	4.9	5.1
122.5°	5.4	5.3	5.2	5.2	4.9
123°	5.5	5.5	5.3	5.3	5.2
123.5°	5.5	5.7	5.4	5.2	5.4
124°	5.6	5.7	5.6	5.4	5.4
124.5°	5.9	5.7	5.6	5.5	5.5
125°	6.1	5.9	5.8	5.7	5.7
125.5°	6.1	6.0	5.8	5.7	5.8
126°	6.1	5.9	5.8	5.8	5.7
126.5°	5.9	6.0	6.1	5.8	5.9
127°	6.1	6.1	5.9	5.8	5.7
127.5°	6.3	6.2	6.1	5.8	5.7
128°	6.3	6.0	6.0	5.8	5.9
128.5°	6.1	6.1	5.9	5.7	5.9
129°	6.0	6.0	5.9	5.8	5.7
129.5°	5.9	6.0	5.9	5.8	5.8
130°	5.9	6.0	5.8	5.6	5.7
130.5°	6.1	5.9	5.9	5.4	5.7
131°	5.8	5.8	5.8	5.5	5.6
131.5°	5.9	5.7	5.5	5.4	5.5
132°	5.8	5.6	5.6	5.4	5.4
132.5°	5.8	5.6	5.5	5.4	5.5
133°	5.6	5.4	5.4	5.1	5.3
133.5°	5.7	5.4	5.2	4.9	5.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L835-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	5.5	5.2	4.9	4.8	5.3
135.5°	5.2	5.3	4.9	4.7	5.1
136°	5.1	4.9	4.7	4.5	5.1
136.5°	5.2	4.9	4.7	4.5	4.9
137°	5.1	4.8	4.7	4.5	4.8
137.5°	4.9	4.7	4.6	4.3	4.6
138°	4.8	4.6	4.4	4.3	4.6
138.5°	4.9	4.6	4.5	4.2	4.5
139°	4.3	4.5	4.4	4.0	4.6
139.5°	4.6	4.3	4.2	4.1	4.5
140°	4.5	4.2	4.3	4.0	4.2
140.5°	4.5	4.2	4.2	4.0	4.2
141°	4.3	4.2	4.1	3.8	4.0
141.5°	4.0	4.2	4.2	3.8	4.0
142°	3.9	3.9	4.1	3.9	3.7
142.5°	3.9	4.1	4.0	3.8	3.7
143°	4.1	4.0	4.0	3.9	3.7
143.5°	4.1	4.0	4.0	3.7	3.7
144°	4.1	3.8	4.1	3.6	3.8
144.5°	3.9	3.8	3.9	3.7	3.8
145°	4.0	3.8	3.9	3.5	3.8
145.5°	3.9	3.7	3.8	3.5	4.0
146°	3.9	3.7	3.6	3.5	3.8
146.5°	4.0	3.7	3.6	3.5	3.8
147°	3.9	3.7	3.5	3.6	3.6
147.5°	3.8	3.7	3.5	3.6	3.9
148°	3.9	3.7	3.6	3.5	3.9
148.5°	4.0	3.8	3.6	3.5	3.9
149°	3.9	3.7	3.6	3.5	3.9
149.5°	4.1	3.6	3.6	3.5	4.0
150°	4.0	3.8	3.6	3.5	3.9
150.5°	3.9	3.7	3.6	3.6	3.9
151°	4.1	3.7	3.5	3.6	4.1
151.5°	4.0	3.8	3.5	3.6	4.1
152°	4.1	3.8	3.7	3.8	3.9
152.5°	4.1	3.9	3.6	3.7	4.1
153°	4.0	3.8	3.7	3.9	4.2
153.5°	4.3	3.9	3.6	3.8	4.1
154°	4.1	3.9	3.8	3.8	4.1
154.5°	4.1	3.8	3.8	4.0	4.2
155°	3.9	3.9	3.9	4.0	4.3
155.5°	4.1	3.8	3.8	3.9	4.2
156°	3.9	3.9	3.9	3.9	4.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L835-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	3.9	3.7	3.8	4.0	4.1
158°	4.2	3.9	3.8	3.9	4.2
158.5°	4.0	3.9	3.7	3.9	4.1
159°	4.1	3.9	3.8	3.9	4.3
159.5°	4.0	3.8	3.8	3.9	4.4
160°	4.0	3.9	3.7	3.9	4.2
160.5°	3.9	3.8	3.8	4.0	4.2
161°	3.9	3.8	3.8	4.0	4.2
161.5°	4.0	3.9	3.8	3.8	4.0
162°	3.9	3.8	3.9	4.0	4.0
162.5°	4.1	4.0	3.9	3.9	4.1
163°	4.1	3.9	4.0	4.0	4.0
163.5°	4.0	3.9	4.0	4.0	4.3
164°	3.9	4.0	3.9	4.2	4.2
164.5°	3.8	4.1	4.0	4.2	4.3
165°	3.9	3.9	3.8	4.1	4.2
165.5°	3.7	3.9	3.8	4.4	4.2
166°	4.0	4.0	3.9	4.2	4.1
166.5°	4.0	3.9	3.8	4.3	3.9
167°	3.9	4.2	3.9	4.4	4.3
167.5°	4.0	4.2	4.0	4.5	4.3
168°	4.1	4.1	3.9	4.4	4.2
168.5°	4.0	4.3	4.1	4.7	4.3
169°	4.3	4.2	3.9	4.7	4.3
169.5°	4.2	4.2	4.0	4.6	4.4
170°	4.3	4.2	4.1	4.7	4.3
170.5°	4.3	4.4	4.1	4.7	4.5
171°	4.3	4.3	4.3	4.7	4.6
171.5°	4.2	4.3	4.3	4.8	4.4
172°	4.2	4.3	4.4	4.8	4.5
172.5°	4.4	4.4	4.5	4.8	4.5
173°	4.2	4.2	4.5	4.8	4.6
173.5°	4.5	4.4	4.6	4.7	4.7
174°	4.6	4.6	4.9	4.8	4.6
174.5°	4.6	4.8	4.8	5.1	4.8
175°	4.9	4.8	4.9	5.1	4.7
175.5°	4.9	4.8	5.2	4.9	4.9
176°	5.2	5.1	4.9	4.8	4.8
176.5°	5.3	4.9	5.1	4.6	4.8
177°	5.1	4.9	4.7	4.6	4.8
177.5°	5.2	4.9	4.6	4.5	4.9
178°	4.8	4.7	4.5	4.5	4.6
178.5°	4.7	4.6	4.4	4.4	4.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L835-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	4.1	4.1	4.1	4.1	4.1



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	4327.6	4322.4	4301.3	4281.3	4272.9
22°	4325.5	4320.3	4298.2	4278.1	4269.7



44°	3873.8	3858.0	3826.4	3807.5	3794.8
44.5°	3849.6	3832.7	3803.3	3783.3	3770.6



66.5°	2069.1	2060.6	2044.8	2039.6	2034.3
67°	2017.5	2008.0	1993.2	1988.0	1983.8



89°	30.7	30.2	29.9	31.5	31.9
89.5°	13.6	13.8	13.5	14.4	14.2



111.5°	2.6	2.3	2.4	2.4	2.3
112°	2.6	2.4	2.4	2.4	2.6



134°	5.4	5.3	5.2	5.1	5.4
134.5°	5.5	5.2	5.2	4.8	5.1



156.5°	4.1	3.8	3.9	4.0	4.1
157°	4.0	3.8	3.9	3.9	4.1



179°	4.5	4.4	4.2	4.3	4.5
179.5°	4.0	4.2	4.1	4.0	4.3



(END OF REPORT)