

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-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-200-L835-CFR2
Description: 20000 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

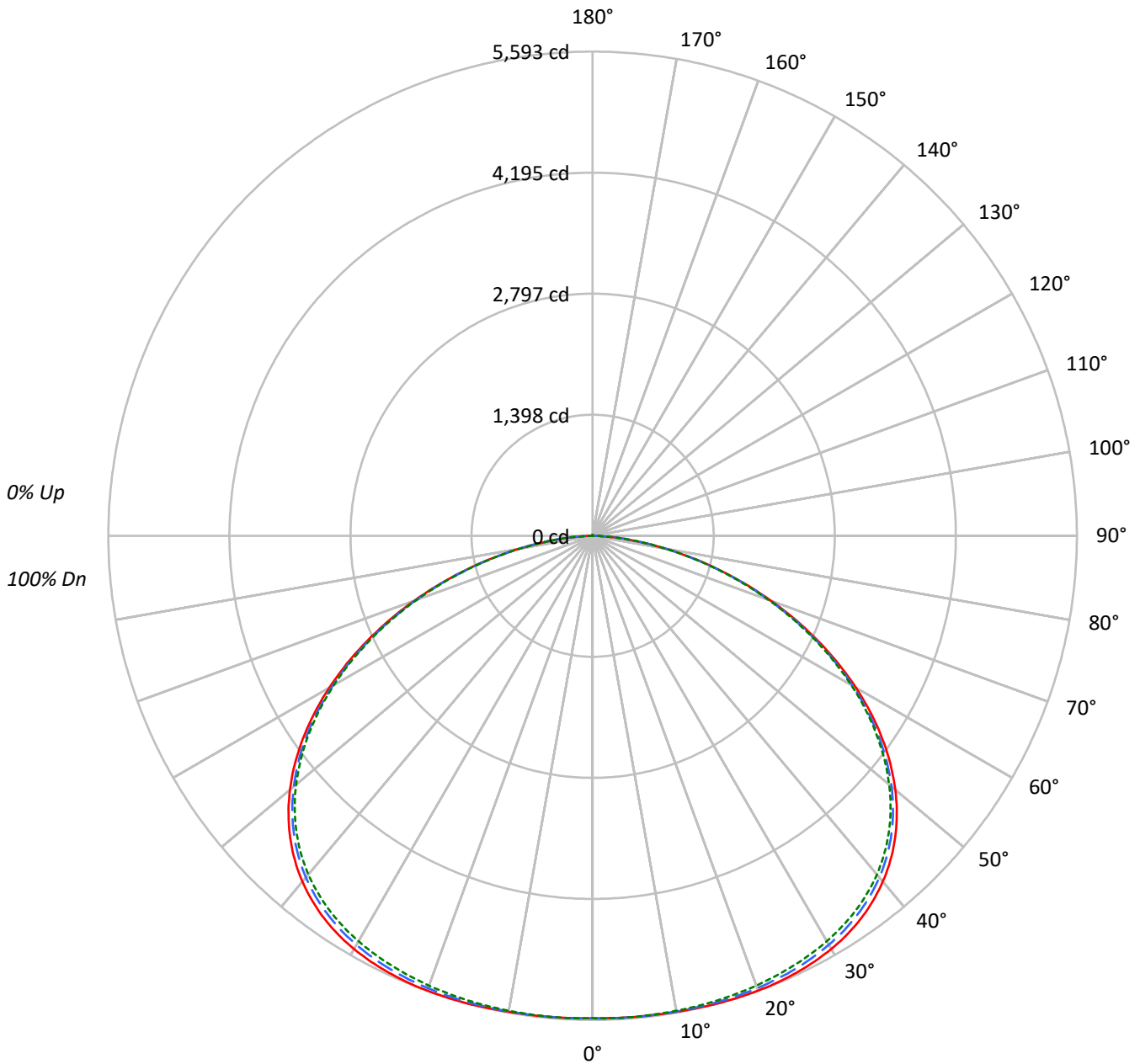
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20184.0 lumens
Efficiency: N/A
Efficacy: 122.9 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): 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									
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°	3979	3979	3979
5°	3999	3999	3998
10°	4049	4045	4039
15°	4133	4122	4108
20°	4247	4224	4201
25°	4387	4352	4318
30°	4543	4498	4457
35°	4706	4652	4610
40°	4859	4801	4760
45°	4987	4925	4884
50°	5067	5006	4965
55°	5083	5021	4983
60°	5016	4954	4925
65°	4853	4798	4775
70°	4575	4526	4504
75°	4144	4118	4099
80°	3525	3537	3499
85°	2626	2689	2686



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	532.6	2.6
10°-20°	1579.9	7.8
20°-30°	2554.0	12.7
30°-40°	3345.2	16.6
40°-50°	3762.7	18.6
50°-60°	3600.5	17.8
60°-70°	2808.1	13.9
70°-80°	1582.6	7.8
80°-90°	391.6	1.9
90°-100°	1.4	0.0
100°-110°	2.3	0.0
110°-120°	4.1	0.0
120°-130°	6.4	0.0
130°-140°	5.1	0.0
140°-150°	3.1	0.0
150°-160°	2.3	0.0
160°-170°	1.5	0.0
170°-180°	0.6	0.0
0°-30°	4666.5	23.1
0°-40°	8011.7	39.7
0°-60°	15375.0	76.2
0°-90°	20157.3	99.9
90°-120°	7.8	0.0
90°-150°	22.3	0.1
90°-180°	27.0	0.1
0°-180°	20184.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	5574	5574	5574	5574	5574	
5°	5580	5581	5580	5580	5578	533
15°	5592	5590	5577	5565	5558	1585
25°	5569	5559	5525	5494	5482	2574
35°	5400	5382	5338	5305	5290	3381
45°	4939	4918	4878	4855	4837	3805
55°	4084	4062	4034	4016	4004	3640
65°	2873	2862	2840	2832	2826	2836
75°	1502	1502	1493	1490	1486	1592
85°	321	325	328	331	328	372
90°	3	3	3	3	3	15
95°	1	1	1	1	1	1
105°	2	2	2	2	2	2
115°	4	4	4	4	4	4
125°	8	8	8	7	7	7
135°	7	7	6	6	7	5
145°	5	5	5	4	5	3
155°	5	5	5	5	6	2
165°	5	5	5	5	5	1
175°	6	6	6	6	6	1
180°	5	5	5	5	5	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	5574.2	5574.2	5574.2	5574.2	5574.2
0.5°	5572.9	5577.0	5578.3	5577.0	5574.2
1°	5574.2	5577.0	5578.3	5578.3	5575.6
1.5°	5575.6	5578.3	5578.3	5578.3	5577.0
2°	5575.6	5578.3	5578.3	5579.7	5577.0
2.5°	5577.0	5579.7	5579.7	5579.7	5577.0
3°	5578.3	5579.7	5579.7	5579.7	5578.3
3.5°	5578.3	5579.7	5579.7	5579.7	5578.3
4°	5579.7	5579.7	5579.7	5579.7	5578.3
4.5°	5579.7	5581.0	5579.7	5579.7	5578.3
5°	5579.7	5581.0	5579.7	5579.7	5578.3
5.5°	5579.7	5581.0	5579.7	5579.7	5578.3
6°	5581.0	5581.0	5579.7	5579.7	5577.0
6.5°	5581.0	5582.4	5581.0	5579.7	5577.0
7°	5581.0	5582.4	5579.7	5579.7	5577.0
7.5°	5581.0	5582.4	5579.7	5578.3	5575.6
8°	5582.4	5582.4	5581.0	5578.3	5575.6
8.5°	5582.4	5583.8	5579.7	5578.3	5574.2
9°	5583.8	5583.8	5581.0	5577.0	5574.2
9.5°	5583.8	5585.1	5579.7	5577.0	5572.9
10°	5585.1	5585.1	5579.7	5575.6	5571.5
10.5°	5586.5	5586.5	5579.7	5575.6	5571.5
11°	5586.5	5586.5	5579.7	5574.2	5570.2
11.5°	5587.8	5587.8	5579.7	5572.9	5568.8
12°	5587.8	5587.8	5579.7	5572.9	5567.4
12.5°	5589.2	5587.8	5578.3	5571.5	5566.1
13°	5589.2	5587.8	5578.3	5570.2	5564.7
13.5°	5590.5	5589.2	5578.3	5568.8	5563.4
14°	5590.5	5589.2	5578.3	5567.4	5560.6
14.5°	5591.9	5589.2	5577.0	5566.1	5559.3
15°	5591.9	5590.5	5577.0	5564.7	5557.9
15.5°	5593.3	5590.5	5575.6	5562.0	5555.2
16°	5591.9	5590.5	5574.2	5560.6	5552.5
16.5°	5593.3	5590.5	5574.2	5557.9	5549.8
17°	5593.3	5589.2	5572.9	5555.2	5548.4
17.5°	5593.3	5589.2	5570.2	5553.8	5545.7
18°	5593.3	5589.2	5568.8	5551.1	5541.6
18.5°	5593.3	5587.8	5567.4	5548.4	5538.9
19°	5591.9	5587.8	5566.1	5545.7	5536.2
19.5°	5591.9	5586.5	5563.4	5541.6	5532.1
20°	5590.5	5585.1	5560.6	5538.9	5529.4
20.5°	5589.2	5583.8	5559.3	5536.2	5525.3
21°	5589.2	5582.4	5556.6	5532.1	5521.2



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	5583.8	5575.6	5547.0	5519.9	5507.6
23°	5581.0	5572.9	5543.0	5515.8	5503.5
23.5°	5578.3	5570.2	5538.9	5510.3	5498.1
24°	5575.6	5567.4	5534.8	5504.9	5492.7
24.5°	5572.9	5563.4	5530.7	5499.5	5487.2
25°	5568.8	5559.3	5525.3	5494.0	5481.8
25.5°	5564.7	5555.2	5519.9	5488.6	5475.0
26°	5560.6	5551.1	5514.4	5483.1	5469.5
26.5°	5556.6	5545.7	5509.0	5476.3	5462.7
27°	5551.1	5540.2	5502.2	5469.5	5456.0
27.5°	5545.7	5534.8	5495.4	5462.7	5449.2
28°	5540.2	5528.0	5488.6	5456.0	5442.4
28.5°	5533.4	5521.2	5481.8	5447.8	5434.2
29°	5526.6	5514.4	5473.6	5439.6	5426.0
29.5°	5519.9	5506.3	5465.5	5431.5	5416.5
30°	5511.7	5498.1	5456.0	5422.0	5407.0
30.5°	5503.5	5489.9	5446.4	5412.4	5398.9
31°	5494.0	5480.4	5436.9	5402.9	5388.0
31.5°	5485.9	5470.9	5426.0	5393.4	5378.5
32°	5475.0	5460.0	5416.5	5382.5	5367.6
32.5°	5464.1	5449.2	5404.3	5370.3	5355.3
33°	5453.2	5436.9	5392.1	5359.4	5343.1
33.5°	5441.0	5424.7	5379.8	5347.2	5330.9
34°	5427.4	5411.1	5366.2	5333.6	5318.6
34.5°	5413.8	5397.5	5352.6	5320.0	5305.0
35°	5400.2	5382.5	5337.7	5305.0	5290.1
35.5°	5385.3	5367.6	5322.7	5290.1	5275.1
36°	5370.3	5351.3	5306.4	5275.1	5258.8
36.5°	5352.6	5335.0	5290.1	5258.8	5243.9
37°	5335.0	5317.3	5272.4	5241.1	5226.2
37.5°	5317.3	5298.2	5254.7	5223.5	5207.2
38°	5298.2	5280.6	5235.7	5205.8	5189.5
38.5°	5279.2	5260.2	5215.3	5185.4	5170.4
39°	5258.8	5238.4	5194.9	5166.4	5150.0
39.5°	5237.1	5216.7	5174.5	5144.6	5129.7
40°	5213.9	5194.9	5151.4	5122.9	5107.9
40.5°	5192.2	5171.8	5128.3	5101.1	5084.8
41°	5167.7	5147.3	5105.2	5076.6	5060.3
41.5°	5141.9	5121.5	5079.4	5052.2	5035.8
42°	5116.1	5095.7	5053.5	5027.7	5010.0
42.5°	5088.9	5068.5	5026.3	5000.5	4984.2
43°	5061.7	5039.9	4999.1	4973.3	4957.0
43.5°	5033.1	5011.4	4970.6	4944.8	4928.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	4939.3	4917.6	4878.1	4855.0	4837.3
45.5°	4906.7	4883.6	4845.5	4822.4	4806.1
46°	4872.7	4849.6	4811.5	4788.4	4772.1
46.5°	4837.3	4814.2	4777.5	4754.4	4738.1
47°	4800.6	4778.9	4740.8	4720.4	4702.8
47.5°	4763.9	4740.8	4704.1	4683.7	4666.0
48°	4727.2	4702.8	4667.4	4645.6	4628.0
48.5°	4687.8	4664.7	4629.3	4608.9	4592.6
49°	4645.6	4623.9	4588.5	4566.8	4551.8
49.5°	4604.9	4583.1	4547.8	4527.4	4511.1
50°	4562.7	4539.6	4507.0	4486.6	4470.3
50.5°	4519.2	4496.1	4463.5	4443.1	4428.1
51°	4475.7	4452.6	4420.0	4399.6	4383.3
51.5°	4429.5	4406.4	4373.7	4354.7	4339.7
52°	4383.3	4360.1	4327.5	4309.8	4294.9
52.5°	4337.0	4313.9	4281.3	4262.3	4248.7
53°	4286.7	4265.0	4235.1	4217.4	4202.4
53.5°	4236.4	4214.7	4184.8	4167.1	4153.5
54°	4186.1	4164.4	4134.5	4116.8	4104.5
54.5°	4137.2	4114.1	4085.5	4067.8	4055.6
55°	4084.1	4062.4	4033.8	4016.2	4003.9
55.5°	4031.1	4009.4	3980.8	3963.1	3952.3
56°	3975.4	3955.0	3926.4	3911.5	3900.6
56.5°	3919.6	3900.6	3872.1	3857.1	3846.2
57°	3865.3	3844.9	3817.7	3804.1	3793.2
57.5°	3810.9	3789.1	3761.9	3748.3	3737.5
58°	3751.1	3730.7	3704.8	3691.2	3681.7
58.5°	3692.6	3673.6	3646.4	3634.1	3624.6
59°	3634.1	3615.1	3589.3	3577.0	3567.5
59.5°	3572.9	3555.3	3529.4	3517.2	3507.7
60°	3513.1	3494.1	3469.6	3458.7	3449.2
60.5°	3451.9	3435.6	3409.8	3398.9	3389.4
61°	3389.4	3373.1	3348.6	3337.7	3328.2
61.5°	3325.5	3311.9	3287.4	3276.6	3268.4
62°	3263.0	3249.4	3224.9	3215.4	3207.2
62.5°	3199.1	3185.5	3161.0	3151.5	3143.3
63°	3135.2	3121.6	3098.5	3088.9	3080.8
63.5°	3069.9	3056.3	3034.6	3025.0	3016.9
64°	3004.6	2991.1	2967.9	2961.1	2951.6
64.5°	2939.4	2925.8	2902.7	2895.9	2887.7
65°	2872.8	2861.9	2840.1	2832.0	2826.5
65.5°	2807.5	2793.9	2773.5	2766.7	2758.6
66°	2738.2	2727.3	2706.9	2700.1	2694.7



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	2537.0	2524.7	2507.0	2500.2	2493.5
68°	2467.6	2456.7	2439.1	2433.6	2426.8
68.5°	2398.3	2387.4	2369.7	2365.7	2361.6
69°	2328.9	2318.1	2303.1	2299.0	2293.6
69.5°	2261.0	2250.1	2236.5	2232.4	2225.6
70°	2191.6	2182.1	2168.5	2164.4	2157.6
70.5°	2122.3	2112.8	2100.5	2096.5	2089.7
71°	2052.9	2044.8	2033.9	2028.5	2021.7
71.5°	1985.0	1976.8	1964.6	1960.5	1955.1
72°	1915.6	1908.8	1896.6	1893.9	1887.1
72.5°	1846.3	1840.9	1828.6	1825.9	1820.5
73°	1777.0	1771.5	1759.3	1756.6	1752.5
73.5°	1709.0	1703.5	1692.7	1688.6	1684.5
74°	1641.0	1636.9	1626.0	1623.3	1617.9
74.5°	1571.7	1568.9	1559.4	1555.3	1551.3
75°	1502.3	1502.3	1492.8	1490.1	1486.0
75.5°	1435.7	1435.7	1426.2	1423.5	1419.4
76°	1369.1	1369.1	1359.6	1357.0	1351.5
76.5°	1301.8	1302.3	1294.3	1291.5	1287.0
77°	1237.3	1237.9	1230.7	1227.0	1222.5
77.5°	1168.4	1171.7	1165.7	1162.4	1157.9
78°	1104.1	1108.2	1102.1	1099.5	1095.7
78.5°	1043.5	1046.1	1042.1	1039.0	1033.7
79°	980.0	982.0	979.4	976.7	971.5
79.5°	917.4	920.8	919.1	916.6	910.6
80°	857.5	859.9	860.3	856.7	851.1
80.5°	794.4	799.4	800.2	796.6	793.7
81°	736.1	740.8	742.2	740.0	736.2
81.5°	678.7	684.3	685.5	684.3	679.4
82°	621.2	628.0	630.0	629.1	623.6
82.5°	566.3	573.9	576.0	575.2	570.2
83°	513.0	521.3	523.3	524.0	519.4
83.5°	461.4	469.3	471.9	472.7	467.7
84°	411.9	419.0	422.3	423.6	419.4
84.5°	364.9	370.6	374.6	376.3	374.3
85°	320.6	324.7	328.3	330.8	327.9
85.5°	277.6	280.9	283.6	287.4	285.1
86°	237.7	240.9	242.8	245.8	245.8
86.5°	199.6	201.1	202.6	206.1	206.1
87°	163.1	163.3	163.8	168.3	168.5
87.5°	125.9	127.0	127.5	131.5	132.8
88°	88.8	91.9	92.7	96.4	96.1
88.5°	62.8	62.8	62.7	66.3	67.2



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	3.0	2.9	3.0	3.1	2.9
90.5°	1.0	0.8	1.0	1.1	1.0
91°	1.0	0.8	0.8	1.0	0.8
91.5°	1.2	1.0	1.1	0.8	0.7
92°	1.0	1.0	1.0	1.1	1.0
92.5°	1.1	1.0	1.0	1.1	1.0
93°	1.1	1.1	1.1	1.0	0.8
93.5°	1.2	1.0	1.1	1.1	1.2
94°	1.2	1.1	1.2	1.1	1.4
94.5°	1.2	1.2	1.1	1.2	1.2
95°	1.2	1.0	1.2	1.1	1.4
95.5°	1.1	1.2	1.4	1.2	1.4
96°	1.5	1.5	1.2	1.2	1.4
96.5°	1.5	1.4	1.4	1.2	1.4
97°	1.5	1.4	1.5	1.2	1.6
97.5°	1.6	1.4	1.4	1.2	1.6
98°	1.8	1.5	1.5	1.5	1.8
98.5°	1.8	1.5	1.4	1.4	1.6
99°	1.6	1.6	1.5	1.4	1.5
99.5°	1.8	1.4	1.6	1.5	1.5
100°	1.8	1.6	1.6	1.6	1.8
100.5°	1.8	1.8	1.6	1.8	1.8
101°	1.9	1.6	1.6	1.6	1.6
101.5°	2.0	1.6	1.8	1.8	1.9
102°	2.2	1.8	1.9	1.8	1.9
102.5°	1.9	1.8	1.8	1.9	1.9
103°	1.9	1.6	1.9	1.8	1.9
103.5°	2.0	2.0	1.9	1.9	1.8
104°	2.3	2.0	2.0	1.9	1.8
104.5°	2.0	2.2	2.2	2.2	1.9
105°	2.4	2.2	2.0	2.3	2.3
105.5°	2.3	1.9	2.2	2.0	2.0
106°	2.2	2.2	2.3	2.3	2.4
106.5°	2.4	2.2	2.3	2.2	2.0
107°	2.3	2.3	2.4	2.4	2.2
107.5°	2.6	2.3	2.4	2.6	2.4
108°	2.6	2.3	2.2	2.6	2.3
108.5°	2.6	2.6	2.6	2.4	2.3
109°	2.7	2.6	2.6	2.6	2.7
109.5°	2.9	2.4	2.9	2.7	2.4
110°	2.7	2.7	2.7	2.9	2.7
110.5°	2.9	2.7	2.9	2.9	3.0
111°	2.9	3.0	3.0	3.0	2.9



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L835-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	3.3	3.4	3.5	3.4	3.1
113°	3.7	3.3	3.3	3.4	3.4
113.5°	3.7	3.7	3.7	3.8	3.8
114°	3.8	3.8	3.9	3.9	3.8
114.5°	4.1	4.1	3.9	3.9	3.7
115°	4.1	4.1	3.9	4.1	3.9
115.5°	4.5	4.1	4.4	4.2	3.9
116°	4.4	4.5	4.5	4.4	4.2
116.5°	4.6	4.6	4.6	4.6	4.5
117°	4.9	4.9	4.9	4.9	4.4
117.5°	5.2	4.9	5.0	4.9	4.6
118°	5.2	5.0	5.3	5.0	4.8
118.5°	5.6	5.3	5.3	5.2	5.0
119°	5.6	5.6	5.7	5.3	5.3
119.5°	5.7	5.7	5.7	5.6	5.4
120°	6.0	6.0	5.8	5.7	5.8
120.5°	6.1	5.8	6.1	6.0	5.8
121°	6.1	6.1	6.1	6.1	5.8
121.5°	6.8	6.5	6.4	6.1	6.1
122°	6.4	6.8	6.5	6.4	6.5
122.5°	6.9	6.8	6.7	6.7	6.4
123°	7.1	7.1	6.8	6.8	6.7
123.5°	7.1	7.3	6.9	6.7	6.9
124°	7.2	7.3	7.2	6.9	6.9
124.5°	7.6	7.3	7.2	7.1	7.1
125°	7.9	7.6	7.5	7.3	7.3
125.5°	7.9	7.7	7.5	7.3	7.5
126°	7.9	7.6	7.5	7.5	7.3
126.5°	7.6	7.7	7.9	7.5	7.6
127°	7.9	7.9	7.6	7.5	7.3
127.5°	8.2	8.0	7.9	7.5	7.3
128°	8.2	7.7	7.7	7.5	7.6
128.5°	7.9	7.9	7.6	7.3	7.6
129°	7.7	7.7	7.6	7.5	7.3
129.5°	7.6	7.7	7.6	7.5	7.5
130°	7.6	7.7	7.5	7.2	7.3
130.5°	7.9	7.6	7.6	6.9	7.3
131°	7.5	7.5	7.5	7.1	7.2
131.5°	7.6	7.3	7.1	6.9	7.1
132°	7.5	7.2	7.2	6.9	6.9
132.5°	7.5	7.2	7.1	6.9	7.1
133°	7.2	6.9	6.9	6.5	6.8
133.5°	7.3	6.9	6.7	6.4	6.8



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L835-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	7.1	6.7	6.4	6.3	6.8
135.5°	6.7	6.8	6.4	6.1	6.5
136°	6.5	6.4	6.1	5.8	6.5
136.5°	6.7	6.4	6.1	5.8	6.4
137°	6.5	6.3	6.1	5.8	6.3
137.5°	6.4	6.1	6.0	5.6	6.0
138°	6.3	6.0	5.7	5.6	6.0
138.5°	6.4	6.0	5.8	5.4	5.8
139°	5.6	5.8	5.7	5.2	6.0
139.5°	6.0	5.6	5.4	5.3	5.8
140°	5.8	5.4	5.6	5.2	5.4
140.5°	5.8	5.4	5.4	5.2	5.4
141°	5.6	5.4	5.3	4.9	5.2
141.5°	5.2	5.4	5.4	4.9	5.2
142°	5.0	5.0	5.3	5.0	4.8
142.5°	5.0	5.3	5.2	4.9	4.8
143°	5.3	5.2	5.2	5.0	4.8
143.5°	5.3	5.2	5.2	4.8	4.8
144°	5.3	4.9	5.3	4.6	4.9
144.5°	5.0	4.9	5.0	4.8	4.9
145°	5.2	4.9	5.0	4.5	4.9
145.5°	5.0	4.8	4.9	4.5	5.2
146°	5.0	4.8	4.6	4.5	4.9
146.5°	5.2	4.8	4.6	4.5	4.9
147°	5.0	4.8	4.5	4.6	4.6
147.5°	4.9	4.8	4.5	4.6	5.0
148°	5.0	4.8	4.6	4.5	5.0
148.5°	5.2	4.9	4.6	4.5	5.0
149°	5.0	4.8	4.6	4.5	5.0
149.5°	5.3	4.6	4.6	4.5	5.2
150°	5.2	4.9	4.6	4.5	5.0
150.5°	5.0	4.8	4.6	4.6	5.0
151°	5.3	4.8	4.5	4.6	5.3
151.5°	5.2	4.9	4.5	4.6	5.3
152°	5.3	4.9	4.8	4.9	5.0
152.5°	5.3	5.0	4.6	4.8	5.3
153°	5.2	4.9	4.8	5.0	5.4
153.5°	5.6	5.0	4.6	4.9	5.3
154°	5.3	5.0	4.9	4.9	5.3
154.5°	5.3	4.9	4.9	5.2	5.4
155°	5.0	5.0	5.0	5.2	5.6
155.5°	5.3	4.9	4.9	5.0	5.4
156°	5.0	5.0	5.0	5.0	5.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L835-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	5.0	4.8	4.9	5.2	5.3
158°	5.4	5.0	4.9	5.0	5.4
158.5°	5.2	5.0	4.8	5.0	5.3
159°	5.3	5.0	4.9	5.0	5.6
159.5°	5.2	4.9	4.9	5.0	5.7
160°	5.2	5.0	4.8	5.0	5.4
160.5°	5.0	4.9	4.9	5.2	5.4
161°	5.0	4.9	4.9	5.2	5.4
161.5°	5.2	5.0	4.9	4.9	5.2
162°	5.0	4.9	5.0	5.2	5.2
162.5°	5.3	5.2	5.0	5.0	5.3
163°	5.3	5.0	5.2	5.2	5.2
163.5°	5.2	5.0	5.2	5.2	5.6
164°	5.0	5.2	5.0	5.4	5.4
164.5°	4.9	5.3	5.2	5.4	5.6
165°	5.0	5.0	4.9	5.3	5.4
165.5°	4.8	5.0	4.9	5.7	5.4
166°	5.2	5.2	5.0	5.4	5.3
166.5°	5.2	5.0	4.9	5.6	5.0
167°	5.0	5.4	5.0	5.7	5.6
167.5°	5.2	5.4	5.2	5.8	5.6
168°	5.3	5.3	5.0	5.7	5.4
168.5°	5.2	5.6	5.3	6.1	5.6
169°	5.6	5.4	5.0	6.1	5.6
169.5°	5.4	5.4	5.2	6.0	5.7
170°	5.6	5.4	5.3	6.1	5.6
170.5°	5.6	5.7	5.3	6.1	5.8
171°	5.6	5.6	5.6	6.1	6.0
171.5°	5.4	5.6	5.6	6.3	5.7
172°	5.4	5.6	5.7	6.3	5.8
172.5°	5.7	5.7	5.8	6.3	5.8
173°	5.4	5.4	5.8	6.3	6.0
173.5°	5.8	5.7	6.0	6.1	6.1
174°	6.0	6.0	6.4	6.3	6.0
174.5°	6.0	6.3	6.3	6.5	6.3
175°	6.4	6.3	6.4	6.5	6.1
175.5°	6.4	6.3	6.7	6.4	6.4
176°	6.7	6.5	6.4	6.3	6.3
176.5°	6.8	6.4	6.5	6.0	6.3
177°	6.5	6.4	6.1	6.0	6.3
177.5°	6.7	6.4	6.0	5.8	6.4
178°	6.3	6.1	5.8	5.8	6.0
178.5°	6.1	6.0	5.7	5.7	5.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L835-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	5.3	5.3	5.3	5.3	5.3



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	5587.8	5581.0	5553.8	5528.0	5517.1
22°	5585.1	5578.3	5549.8	5523.9	5513.1



44°	5001.9	4981.5	4940.7	4916.2	4899.9
44.5°	4970.6	4948.8	4910.8	4884.9	4868.6



66.5°	2671.6	2660.7	2640.3	2633.5	2626.7
67°	2604.9	2592.7	2573.7	2566.9	2561.4



89°	39.7	39.0	38.6	40.7	41.2
89.5°	17.5	17.8	17.4	18.6	18.4



111.5°	3.4	3.0	3.1	3.1	3.0
112°	3.4	3.1	3.1	3.1	3.4



134°	6.9	6.8	6.7	6.5	6.9
134.5°	7.1	6.7	6.7	6.3	6.5



156.5°	5.3	4.9	5.0	5.2	5.3
157°	5.2	4.9	5.0	5.0	5.3



179°	5.8	5.7	5.4	5.6	5.8
179.5°	5.2	5.4	5.3	5.2	5.6



(END OF REPORT)