

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-180-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-180-L850-CFR2
Description: 18000 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

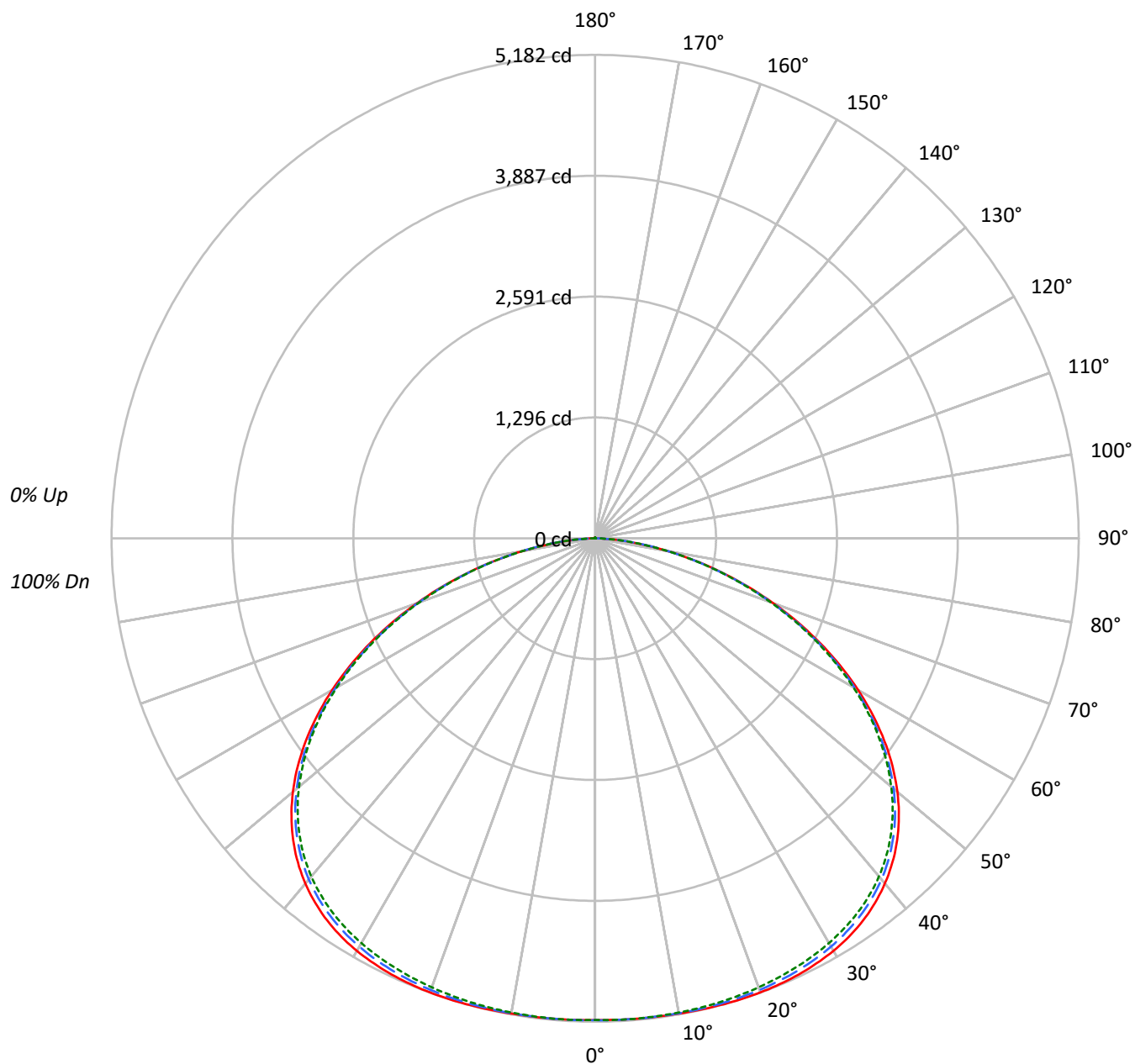
Lumens per Lamp: N/A
Luminaire Lumens: 18700.0 lumens
Efficiency: N/A
Efficacy: 128.3 lumens/watt
Spacing Criteria (0/90/45): 1.48 / 1.45 / 1.57
Luminous Opening: Rectangular (W 3.88' x L: 3.88' x H: 0')
CIE Type: Direct

Input Watts (W): 145.8
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-180-L850-CFR2

Luminous Intensity Polar Plot





TEST NUMBER: P#

CATALOG NUMBER: 44ID-180-L850-CFR2

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
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°	3687	3687	3687
5°	3705	3705	3704
10°	3751	3747	3742
15°	3829	3819	3806
20°	3935	3914	3892
25°	4064	4032	4000
30°	4209	4167	4130
35°	4360	4310	4271
40°	4502	4448	4410
45°	4620	4563	4525
50°	4695	4638	4600
55°	4710	4652	4617
60°	4647	4590	4563
65°	4496	4445	4424
70°	4238	4194	4173
75°	3839	3815	3798
80°	3266	3277	3242
85°	2433	2492	2488



TEST NUMBER: P#

CATALOG NUMBER: 44ID-180-L850-CFR2

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	493.5	2.6
10°-20°	1463.7	7.8
20°-30°	2366.2	12.7
30°-40°	3099.3	16.6
40°-50°	3486.1	18.6
50°-60°	3335.8	17.8
60°-70°	2601.7	13.9
70°-80°	1466.2	7.8
80°-90°	362.8	1.9
90°-100°	1.3	0.0
100°-110°	2.1	0.0
110°-120°	3.8	0.0
120°-130°	5.9	0.0
130°-140°	4.7	0.0
140°-150°	2.9	0.0
150°-160°	2.1	0.0
160°-170°	1.4	0.0
170°-180°	0.5	0.0
<hr/>		
0°-30°	4323.4	23.1
0°-40°	7422.7	39.7
0°-60°	14244.6	76.2
0°-90°	18675.3	99.9
90°-120°	7.2	0.0
90°-150°	20.7	0.1
90°-180°	25.0	0.1
0°-180°	18700.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	5164	5164	5164	5164	5164	
5°	5169	5171	5169	5169	5168	494
15°	5181	5180	5167	5156	5149	1468
25°	5159	5150	5119	5090	5079	2385
35°	5003	4987	4945	4915	4901	3132
45°	4576	4556	4520	4498	4482	3525
55°	3784	3764	3737	3721	3710	3373
65°	2662	2652	2631	2624	2619	2627
75°	1392	1392	1383	1380	1377	1475
85°	297	301	304	306	304	344
90°	3	3	3	3	3	14
95°	1	1	1	1	1	1
105°	2	2	2	2	2	2
115°	4	4	4	4	4	4
125°	7	7	7	7	7	6
135°	6	6	6	6	6	5
145°	5	4	5	4	4	3
155°	5	5	5	5	5	2
165°	5	5	4	5	5	1
175°	6	6	6	6	6	1
180°	5	5	5	5	5	



TEST NUMBER: P#

CATALOG NUMBER: 44ID-180-L850-CFR2

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	5164.4	5164.4	5164.4	5164.4	5164.4
0.5°	5163.1	5166.9	5168.2	5166.9	5164.4
1°	5164.4	5166.9	5168.2	5168.2	5165.7
1.5°	5165.7	5168.2	5168.2	5168.2	5166.9
2°	5165.7	5168.2	5168.2	5169.4	5166.9
2.5°	5166.9	5169.4	5169.4	5169.4	5166.9
3°	5168.2	5169.4	5169.4	5169.4	5168.2
3.5°	5168.2	5169.4	5169.4	5169.4	5168.2
4°	5169.4	5169.4	5169.4	5169.4	5168.2
4.5°	5169.4	5170.7	5169.4	5169.4	5168.2
5°	5169.4	5170.7	5169.4	5169.4	5168.2
5.5°	5169.4	5170.7	5169.4	5169.4	5168.2
6°	5170.7	5170.7	5169.4	5169.4	5166.9
6.5°	5170.7	5172.0	5170.7	5169.4	5166.9
7°	5170.7	5172.0	5169.4	5169.4	5166.9
7.5°	5170.7	5172.0	5169.4	5168.2	5165.7
8°	5172.0	5172.0	5170.7	5168.2	5165.7
8.5°	5172.0	5173.2	5169.4	5168.2	5164.4
9°	5173.2	5173.2	5170.7	5166.9	5164.4
9.5°	5173.2	5174.5	5169.4	5166.9	5163.1
10°	5174.5	5174.5	5169.4	5165.7	5161.9
10.5°	5175.7	5175.7	5169.4	5165.7	5161.9
11°	5175.7	5175.7	5169.4	5164.4	5160.6
11.5°	5177.0	5177.0	5169.4	5163.1	5159.4
12°	5177.0	5177.0	5169.4	5163.1	5158.1
12.5°	5178.3	5177.0	5168.2	5161.9	5156.8
13°	5178.3	5177.0	5168.2	5160.6	5155.6
13.5°	5179.5	5178.3	5168.2	5159.4	5154.3
14°	5179.5	5178.3	5168.2	5158.1	5151.8
14.5°	5180.8	5178.3	5166.9	5156.8	5150.5
15°	5180.8	5179.5	5166.9	5155.6	5149.3
15.5°	5182.0	5179.5	5165.7	5153.1	5146.8
16°	5180.8	5179.5	5164.4	5151.8	5144.2
16.5°	5182.0	5179.5	5164.4	5149.3	5141.7
17°	5182.0	5178.3	5163.1	5146.8	5140.5
17.5°	5182.0	5178.3	5160.6	5145.5	5137.9
18°	5182.0	5178.3	5159.4	5143.0	5134.2
18.5°	5182.0	5177.0	5158.1	5140.5	5131.6
19°	5180.8	5177.0	5156.8	5137.9	5129.1
19.5°	5180.8	5175.7	5154.3	5134.2	5125.3
20°	5179.5	5174.5	5151.8	5131.6	5122.8
20.5°	5178.3	5173.2	5150.5	5129.1	5119.1
21°	5178.3	5172.0	5148.0	5125.3	5115.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-180-L850-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	5173.2	5165.7	5139.2	5114.0	5102.7
23°	5170.7	5163.1	5135.4	5110.2	5098.9
23.5°	5168.2	5160.6	5131.6	5105.2	5093.9
24°	5165.7	5158.1	5127.9	5100.2	5088.8
24.5°	5163.1	5154.3	5124.1	5095.1	5083.8
25°	5159.4	5150.5	5119.1	5090.1	5078.7
25.5°	5155.6	5146.8	5114.0	5085.0	5072.4
26°	5151.8	5143.0	5109.0	5080.0	5067.4
26.5°	5148.0	5137.9	5103.9	5073.7	5061.1
27°	5143.0	5132.9	5097.6	5067.4	5054.8
27.5°	5137.9	5127.9	5091.3	5061.1	5048.5
28°	5132.9	5121.6	5085.0	5054.8	5042.2
28.5°	5126.6	5115.3	5078.7	5047.3	5034.7
29°	5120.3	5109.0	5071.2	5039.7	5027.1
29.5°	5114.0	5101.4	5063.6	5032.1	5018.3
30°	5106.5	5093.9	5054.8	5023.3	5009.5
30.5°	5098.9	5086.3	5046.0	5014.5	5001.9
31°	5090.1	5077.5	5037.2	5005.7	4991.8
31.5°	5082.5	5068.7	5027.1	4996.9	4983.0
32°	5072.4	5058.6	5018.3	4986.8	4972.9
32.5°	5062.4	5048.5	5006.9	4975.5	4961.6
33°	5052.3	5037.2	4995.6	4965.4	4950.3
33.5°	5041.0	5025.8	4984.3	4954.0	4938.9
34°	5028.4	5013.2	4971.7	4941.4	4927.6
34.5°	5015.8	5000.6	4959.1	4928.8	4915.0
35°	5003.2	4986.8	4945.2	4915.0	4901.1
35.5°	4989.3	4972.9	4931.4	4901.1	4887.3
36°	4975.5	4957.8	4916.3	4887.3	4872.2
36.5°	4959.1	4942.7	4901.1	4872.2	4858.3
37°	4942.7	4926.3	4884.8	4855.8	4841.9
37.5°	4926.3	4908.7	4868.4	4839.4	4824.3
38°	4908.7	4892.3	4850.8	4823.0	4807.9
38.5°	4891.1	4873.4	4831.9	4804.1	4790.3
39°	4872.2	4853.3	4813.0	4786.5	4771.4
39.5°	4852.0	4833.1	4794.1	4766.4	4752.5
40°	4830.6	4813.0	4772.7	4746.2	4732.4
40.5°	4810.4	4791.6	4751.2	4726.1	4710.9
41°	4787.8	4768.9	4729.8	4703.4	4688.3
41.5°	4763.8	4744.9	4705.9	4680.7	4665.6
42°	4739.9	4721.0	4682.0	4658.0	4641.7
42.5°	4714.7	4695.8	4656.8	4632.8	4617.7
43°	4689.5	4669.4	4631.6	4607.6	4592.5
43.5°	4663.1	4642.9	4605.1	4581.2	4566.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-180-L850-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	4576.2	4556.0	4519.5	4498.1	4481.7
45.5°	4545.9	4524.5	4489.2	4467.8	4452.7
46°	4514.4	4493.0	4457.8	4436.3	4421.2
46.5°	4481.7	4460.3	4426.3	4404.9	4389.7
47°	4447.7	4427.5	4392.3	4373.4	4357.0
47.5°	4413.7	4392.3	4358.2	4339.4	4323.0
48°	4379.7	4357.0	4324.2	4304.1	4287.7
48.5°	4343.1	4321.7	4289.0	4270.1	4255.0
49°	4304.1	4283.9	4251.2	4231.0	4217.2
49.5°	4266.3	4246.1	4213.4	4194.5	4179.4
50°	4227.2	4205.8	4175.6	4156.7	4141.6
50.5°	4186.9	4165.5	4135.3	4116.4	4102.5
51°	4146.6	4125.2	4095.0	4076.1	4061.0
51.5°	4103.8	4082.4	4052.2	4034.5	4020.7
52°	4061.0	4039.6	4009.3	3993.0	3979.1
52.5°	4018.2	3996.7	3966.5	3948.9	3936.3
53°	3971.5	3951.4	3923.7	3907.3	3893.5
53.5°	3924.9	3904.8	3877.1	3860.7	3848.1
54°	3878.3	3858.2	3830.5	3814.1	3802.8
54.5°	3833.0	3811.6	3785.1	3768.8	3757.4
55°	3783.9	3763.7	3737.3	3720.9	3709.5
55.5°	3734.7	3714.6	3688.1	3671.8	3661.7
56°	3683.1	3664.2	3637.8	3623.9	3613.8
56.5°	3631.5	3613.8	3587.4	3573.5	3563.4
57°	3581.1	3562.2	3537.0	3524.4	3514.3
57.5°	3530.7	3510.5	3485.3	3472.7	3462.7
58°	3475.3	3456.4	3432.4	3419.8	3411.0
58.5°	3421.1	3403.5	3378.3	3366.9	3358.1
59°	3366.9	3349.3	3325.4	3314.0	3305.2
59.5°	3310.3	3293.9	3269.9	3258.6	3249.8
60°	3254.8	3237.2	3214.5	3204.4	3195.6
60.5°	3198.1	3183.0	3159.1	3149.0	3140.2
61°	3140.2	3125.1	3102.4	3092.3	3083.5
61.5°	3081.0	3068.4	3045.7	3035.7	3028.1
62°	3023.1	3010.5	2987.8	2979.0	2971.4
62.5°	2963.9	2951.3	2928.6	2919.8	2912.2
63°	2904.7	2892.1	2870.6	2861.8	2854.3
63.5°	2844.2	2831.6	2811.4	2802.6	2795.1
64°	2783.7	2771.1	2749.7	2743.4	2734.6
64.5°	2723.3	2710.7	2689.3	2683.0	2675.4
65°	2661.6	2651.5	2631.3	2623.8	2618.7
65.5°	2601.1	2588.5	2569.6	2563.3	2555.7
66°	2536.9	2526.8	2507.9	2501.6	2496.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-180-L850-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	2350.4	2339.1	2322.7	2316.4	2310.1
68°	2286.2	2276.1	2259.7	2254.7	2248.4
68.5°	2222.0	2211.9	2195.5	2191.7	2187.9
69°	2157.7	2147.6	2133.8	2130.0	2125.0
69.5°	2094.7	2084.7	2072.1	2068.3	2062.0
70°	2030.5	2021.7	2009.1	2005.3	1999.0
70.5°	1966.2	1957.4	1946.1	1942.3	1936.0
71°	1902.0	1894.5	1884.4	1879.3	1873.0
71.5°	1839.0	1831.5	1820.1	1816.4	1811.3
72°	1774.8	1768.5	1757.2	1754.6	1748.3
72.5°	1710.5	1705.5	1694.2	1691.7	1686.6
73°	1646.3	1641.3	1629.9	1627.4	1623.6
73.5°	1583.3	1578.3	1568.2	1564.4	1560.7
74°	1520.3	1516.6	1506.5	1504.0	1498.9
74.5°	1456.1	1453.6	1444.8	1441.0	1437.2
75°	1391.9	1391.9	1383.1	1380.5	1376.8
75.5°	1330.1	1330.1	1321.3	1318.8	1315.0
76°	1268.4	1268.4	1259.6	1257.2	1252.2
76.5°	1206.1	1206.6	1199.1	1196.5	1192.3
77°	1146.4	1146.9	1140.2	1136.8	1132.6
77.5°	1082.5	1085.5	1080.0	1077.0	1072.8
78°	1022.9	1026.7	1021.0	1018.6	1015.1
78.5°	966.7	969.1	965.5	962.6	957.7
79°	907.9	909.8	907.4	904.9	900.1
79.5°	850.0	853.1	851.5	849.2	843.7
80°	794.4	796.7	797.1	793.7	788.5
80.5°	736.0	740.7	741.4	738.0	735.4
81°	682.0	686.4	687.6	685.6	682.1
81.5°	628.8	634.0	635.1	634.0	629.4
82°	575.5	581.8	583.7	582.8	577.8
82.5°	524.6	531.7	533.7	532.9	528.3
83°	475.3	482.9	484.8	485.5	481.2
83.5°	427.5	434.8	437.2	438.0	433.3
84°	381.7	388.2	391.2	392.5	388.6
84.5°	338.1	343.4	347.0	348.7	346.8
85°	297.0	300.8	304.2	306.5	303.8
85.5°	257.2	260.2	262.8	266.3	264.1
86°	220.2	223.2	225.0	227.7	227.7
86.5°	184.9	186.3	187.7	191.0	191.0
87°	151.2	151.3	151.8	155.9	156.1
87.5°	116.6	117.6	118.2	121.8	123.1
88°	82.3	85.1	85.9	89.3	89.1
88.5°	58.2	58.2	58.1	61.5	62.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-180-L850-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	2.8	2.6	2.8	2.9	2.6
90.5°	0.9	0.8	0.9	1.0	0.9
91°	0.9	0.8	0.8	0.9	0.8
91.5°	1.1	0.9	1.0	0.8	0.6
92°	0.9	0.9	0.9	1.0	0.9
92.5°	1.0	0.9	0.9	1.0	0.9
93°	1.0	1.0	1.0	0.9	0.8
93.5°	1.1	0.9	1.0	1.0	1.1
94°	1.1	1.0	1.1	1.0	1.3
94.5°	1.1	1.1	1.0	1.1	1.1
95°	1.1	0.9	1.1	1.0	1.3
95.5°	1.0	1.1	1.3	1.1	1.3
96°	1.4	1.4	1.1	1.1	1.3
96.5°	1.4	1.3	1.3	1.1	1.3
97°	1.4	1.3	1.4	1.1	1.5
97.5°	1.5	1.3	1.3	1.1	1.5
98°	1.6	1.4	1.4	1.4	1.6
98.5°	1.6	1.4	1.3	1.3	1.5
99°	1.5	1.5	1.4	1.3	1.4
99.5°	1.6	1.3	1.5	1.4	1.4
100°	1.6	1.5	1.5	1.5	1.6
100.5°	1.6	1.6	1.5	1.6	1.6
101°	1.8	1.5	1.5	1.5	1.5
101.5°	1.9	1.5	1.6	1.6	1.8
102°	2.0	1.6	1.8	1.6	1.8
102.5°	1.8	1.6	1.6	1.8	1.8
103°	1.8	1.5	1.8	1.6	1.8
103.5°	1.9	1.9	1.8	1.8	1.6
104°	2.1	1.9	1.9	1.8	1.6
104.5°	1.9	2.0	2.0	2.0	1.8
105°	2.3	2.0	1.9	2.1	2.1
105.5°	2.1	1.8	2.0	1.9	1.9
106°	2.0	2.0	2.1	2.1	2.3
106.5°	2.3	2.0	2.1	2.0	1.9
107°	2.1	2.1	2.3	2.3	2.0
107.5°	2.4	2.1	2.3	2.4	2.3
108°	2.4	2.1	2.0	2.4	2.1
108.5°	2.4	2.4	2.4	2.3	2.1
109°	2.5	2.4	2.4	2.4	2.5
109.5°	2.6	2.3	2.6	2.5	2.3
110°	2.5	2.5	2.5	2.6	2.5
110.5°	2.6	2.5	2.6	2.6	2.8
111°	2.6	2.8	2.8	2.8	2.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-180-L850-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	3.0	3.1	3.3	3.1	2.9
113°	3.4	3.0	3.0	3.1	3.1
113.5°	3.4	3.4	3.4	3.5	3.5
114°	3.5	3.5	3.7	3.7	3.5
114.5°	3.8	3.8	3.7	3.7	3.4
115°	3.8	3.8	3.7	3.8	3.7
115.5°	4.2	3.8	4.0	3.9	3.7
116°	4.0	4.2	4.2	4.0	3.9
116.5°	4.3	4.3	4.3	4.3	4.2
117°	4.5	4.5	4.5	4.5	4.0
117.5°	4.8	4.5	4.7	4.5	4.3
118°	4.8	4.7	4.9	4.7	4.4
118.5°	5.2	4.9	4.9	4.8	4.7
119°	5.2	5.2	5.3	4.9	4.9
119.5°	5.3	5.3	5.3	5.2	5.0
120°	5.5	5.5	5.4	5.3	5.4
120.5°	5.7	5.4	5.7	5.5	5.4
121°	5.7	5.7	5.7	5.7	5.4
121.5°	6.3	6.0	5.9	5.7	5.7
122°	5.9	6.3	6.0	5.9	6.0
122.5°	6.4	6.3	6.2	6.2	5.9
123°	6.5	6.5	6.3	6.3	6.2
123.5°	6.5	6.8	6.4	6.2	6.4
124°	6.7	6.8	6.7	6.4	6.4
124.5°	7.1	6.8	6.7	6.5	6.5
125°	7.3	7.1	6.9	6.8	6.8
125.5°	7.3	7.2	6.9	6.8	6.9
126°	7.3	7.1	6.9	6.9	6.8
126.5°	7.1	7.2	7.3	6.9	7.1
127°	7.3	7.3	7.1	6.9	6.8
127.5°	7.6	7.4	7.3	6.9	6.8
128°	7.6	7.2	7.2	6.9	7.1
128.5°	7.3	7.3	7.1	6.8	7.1
129°	7.2	7.2	7.1	6.9	6.8
129.5°	7.1	7.2	7.1	6.9	6.9
130°	7.1	7.2	6.9	6.7	6.8
130.5°	7.3	7.1	7.1	6.4	6.8
131°	6.9	6.9	6.9	6.5	6.7
131.5°	7.1	6.8	6.5	6.4	6.5
132°	6.9	6.7	6.7	6.4	6.4
132.5°	6.9	6.7	6.5	6.4	6.5
133°	6.7	6.4	6.4	6.0	6.3
133.5°	6.8	6.4	6.2	5.9	6.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-180-L850-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	6.5	6.2	5.9	5.8	6.3
135.5°	6.2	6.3	5.9	5.7	6.0
136°	6.0	5.9	5.7	5.4	6.0
136.5°	6.2	5.9	5.7	5.4	5.9
137°	6.0	5.8	5.7	5.4	5.8
137.5°	5.9	5.7	5.5	5.2	5.5
138°	5.8	5.5	5.3	5.2	5.5
138.5°	5.9	5.5	5.4	5.0	5.4
139°	5.2	5.4	5.3	4.8	5.5
139.5°	5.5	5.2	5.0	4.9	5.4
140°	5.4	5.0	5.2	4.8	5.0
140.5°	5.4	5.0	5.0	4.8	5.0
141°	5.2	5.0	4.9	4.5	4.8
141.5°	4.8	5.0	5.0	4.5	4.8
142°	4.7	4.7	4.9	4.7	4.4
142.5°	4.7	4.9	4.8	4.5	4.4
143°	4.9	4.8	4.8	4.7	4.4
143.5°	4.9	4.8	4.8	4.4	4.4
144°	4.9	4.5	4.9	4.3	4.5
144.5°	4.7	4.5	4.7	4.4	4.5
145°	4.8	4.5	4.7	4.2	4.5
145.5°	4.7	4.4	4.5	4.2	4.8
146°	4.7	4.4	4.3	4.2	4.5
146.5°	4.8	4.4	4.3	4.2	4.5
147°	4.7	4.4	4.2	4.3	4.3
147.5°	4.5	4.4	4.2	4.3	4.7
148°	4.7	4.4	4.3	4.2	4.7
148.5°	4.8	4.5	4.3	4.2	4.7
149°	4.7	4.4	4.3	4.2	4.7
149.5°	4.9	4.3	4.3	4.2	4.8
150°	4.8	4.5	4.3	4.2	4.7
150.5°	4.7	4.4	4.3	4.3	4.7
151°	4.9	4.4	4.2	4.3	4.9
151.5°	4.8	4.5	4.2	4.3	4.9
152°	4.9	4.5	4.4	4.5	4.7
152.5°	4.9	4.7	4.3	4.4	4.9
153°	4.8	4.5	4.4	4.7	5.0
153.5°	5.2	4.7	4.3	4.5	4.9
154°	4.9	4.7	4.5	4.5	4.9
154.5°	4.9	4.5	4.5	4.8	5.0
155°	4.7	4.7	4.7	4.8	5.2
155.5°	4.9	4.5	4.5	4.7	5.0
156°	4.7	4.7	4.7	4.7	5.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-180-L850-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	4.7	4.4	4.5	4.8	4.9
158°	5.0	4.7	4.5	4.7	5.0
158.5°	4.8	4.7	4.4	4.7	4.9
159°	4.9	4.7	4.5	4.7	5.2
159.5°	4.8	4.5	4.5	4.7	5.3
160°	4.8	4.7	4.4	4.7	5.0
160.5°	4.7	4.5	4.5	4.8	5.0
161°	4.7	4.5	4.5	4.8	5.0
161.5°	4.8	4.7	4.5	4.5	4.8
162°	4.7	4.5	4.7	4.8	4.8
162.5°	4.9	4.8	4.7	4.7	4.9
163°	4.9	4.7	4.8	4.8	4.8
163.5°	4.8	4.7	4.8	4.8	5.2
164°	4.7	4.8	4.7	5.0	5.0
164.5°	4.5	4.9	4.8	5.0	5.2
165°	4.7	4.7	4.5	4.9	5.0
165.5°	4.4	4.7	4.5	5.3	5.0
166°	4.8	4.8	4.7	5.0	4.9
166.5°	4.8	4.7	4.5	5.2	4.7
167°	4.7	5.0	4.7	5.3	5.2
167.5°	4.8	5.0	4.8	5.4	5.2
168°	4.9	4.9	4.7	5.3	5.0
168.5°	4.8	5.2	4.9	5.7	5.2
169°	5.2	5.0	4.7	5.7	5.2
169.5°	5.0	5.0	4.8	5.5	5.3
170°	5.2	5.0	4.9	5.7	5.2
170.5°	5.2	5.3	4.9	5.7	5.4
171°	5.2	5.2	5.2	5.7	5.5
171.5°	5.0	5.2	5.2	5.8	5.3
172°	5.0	5.2	5.3	5.8	5.4
172.5°	5.3	5.3	5.4	5.8	5.4
173°	5.0	5.0	5.4	5.8	5.5
173.5°	5.4	5.3	5.5	5.7	5.7
174°	5.5	5.5	5.9	5.8	5.5
174.5°	5.5	5.8	5.8	6.0	5.8
175°	5.9	5.8	5.9	6.0	5.7
175.5°	5.9	5.8	6.2	5.9	5.9
176°	6.2	6.0	5.9	5.8	5.8
176.5°	6.3	5.9	6.0	5.5	5.8
177°	6.0	5.9	5.7	5.5	5.8
177.5°	6.2	5.9	5.5	5.4	5.9
178°	5.8	5.7	5.4	5.4	5.5
178.5°	5.7	5.5	5.3	5.3	5.3



TEST NUMBER: P#
CATALOG NUMBER: 44ID-180-L850-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	4.9	4.9	4.9	4.9	4.9



Report Generated By 670246072 / DESKTOP-MV3F9LC





— 0°-180° - - 45°-225° - - - 90°-270°







21.5°	5177.0	5170.7	5145.5	5121.6	5111.5
22°	5174.5	5168.2	5141.7	5117.8	5107.7



44°	4634.1	4615.2	4577.4	4554.7	4539.6
44.5°	4605.1	4585.0	4549.7	4525.8	4510.7



66.5°	2475.1	2465.1	2446.2	2439.9	2433.6
67°	2413.4	2402.1	2384.4	2378.1	2373.1



89°	36.8	36.2	35.8	37.7	38.2
89.5°	16.2	16.5	16.1	17.3	17.0



111.5°	3.1	2.8	2.9	2.9	2.8
112°	3.1	2.9	2.9	2.9	3.1



134°	6.4	6.3	6.2	6.0	6.4
134.5°	6.5	6.2	6.2	5.8	6.0



156.5°	4.9	4.5	4.7	4.8	4.9
157°	4.8	4.5	4.7	4.7	4.9



179°	5.4	5.3	5.0	5.2	5.4
179.5°	4.8	5.0	4.9	4.8	5.2



(END OF REPORT)