

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-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-180-L835-CFD2
Description: 18000 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

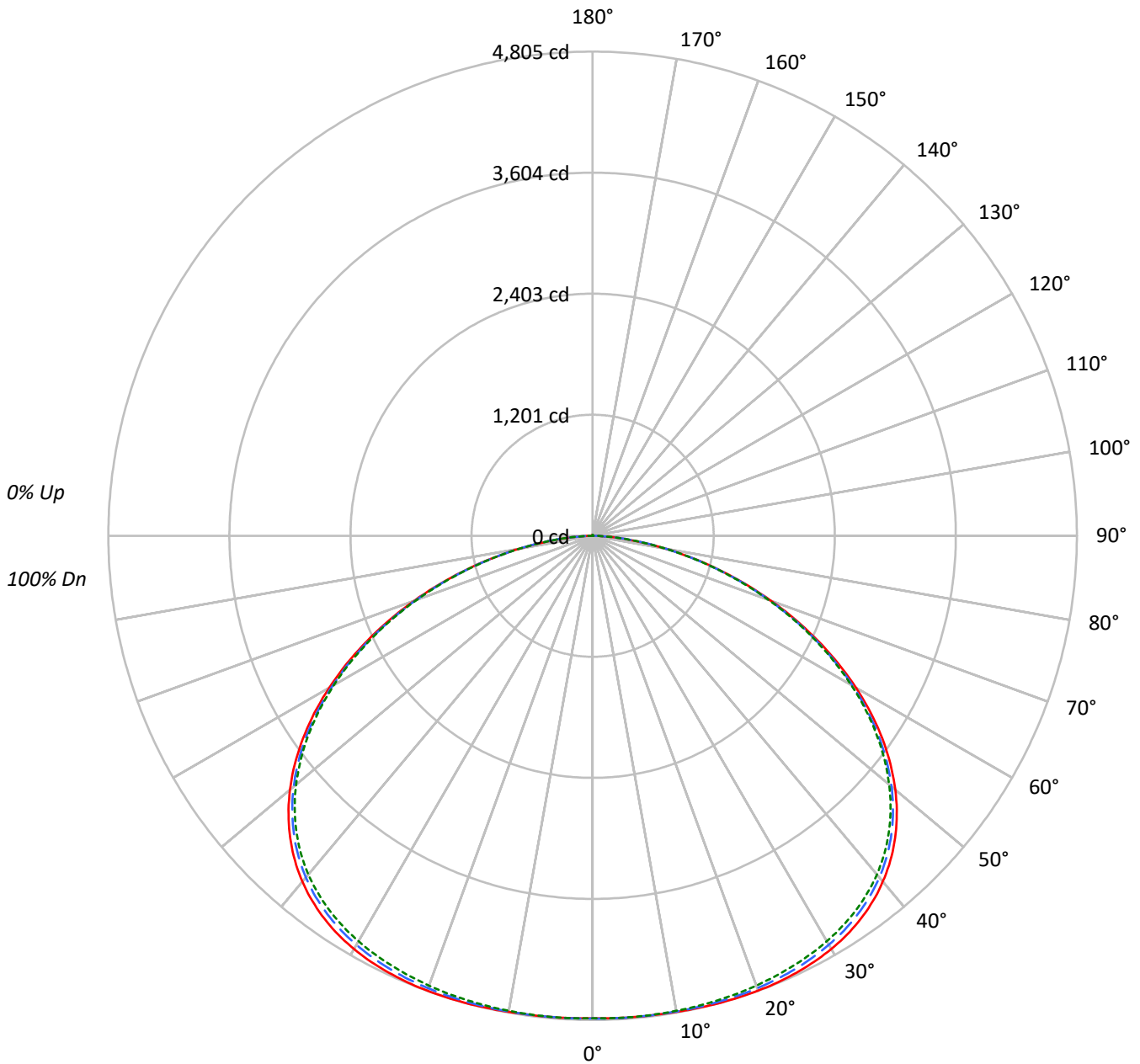
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17341.0 lumens
Efficiency: N/A
Efficacy: 118.9 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): 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-L835-CFD2

Luminous Intensity Polar Plot





TEST NUMBER: P#

CATALOG NUMBER: 44ID-180-L835-CFD2

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°	3419	3419	3419
5°	3422	3417	3422
10°	3452	3438	3444
15°	3510	3485	3489
20°	3593	3551	3554
25°	3695	3636	3637
30°	3809	3733	3737
35°	3925	3834	3845
40°	4029	3925	3947
45°	4108	3989	4023
50°	4142	4010	4058
55°	4115	3969	4034
60°	4011	3851	3938
65°	3818	3647	3756
70°	3516	3333	3461
75°	3069	2884	3035
80°	2436	2261	2418
85°	1513	1364	1548



TEST NUMBER: P#

CATALOG NUMBER: 44ID-180-L835-CFD2

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	457.6	2.6
10°-20°	1357.4	7.8
20°-30°	2194.3	12.7
30°-40°	2874.0	16.6
40°-50°	3232.7	18.6
50°-60°	3093.4	17.8
60°-70°	2412.6	13.9
70°-80°	1359.6	7.8
80°-90°	336.4	1.9
90°-100°	1.2	0.0
100°-110°	1.9	0.0
110°-120°	3.5	0.0
120°-130°	5.5	0.0
130°-140°	4.3	0.0
140°-150°	2.7	0.0
150°-160°	2.0	0.0
160°-170°	1.3	0.0
170°-180°	0.5	0.0
0°-30°	4009.2	23.1
0°-40°	6883.3	39.7
0°-60°	13209.4	76.2
0°-90°	17318.1	99.9
90°-120°	6.7	0.0
90°-150°	19.2	0.1
90°-180°	23.0	0.1
0°-180°	17341.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4789	4789	4789	4789	4789	
5°	4794	4795	4794	4794	4793	458
15°	4804	4803	4791	4781	4775	1362
25°	4784	4776	4747	4720	4710	2211
35°	4640	4624	4586	4558	4545	2905
45°	4244	4225	4191	4171	4156	3269
55°	3509	3490	3466	3450	3440	3128
65°	2468	2459	2440	2433	2428	2436
75°	1291	1291	1282	1280	1277	1368
85°	275	279	282	284	282	319
90°	3	2	3	3	2	13
95°	1	1	1	1	1	1
105°	2	2	2	2	2	2
115°	4	4	3	4	3	4
125°	7	6	6	6	6	6
135°	6	6	6	5	6	5
145°	4	4	4	4	4	3
155°	4	4	4	4	5	2
165°	4	4	4	5	5	1
175°	6	5	6	6	5	0
180°	5	5	5	5	5	



TEST NUMBER: P#

CATALOG NUMBER: 44ID-180-L835-CFD2

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4789.1	4789.1	4789.1	4789.1	4789.1
0.5°	4787.9	4791.4	4792.6	4791.4	4789.1
1°	4789.1	4791.4	4792.6	4792.6	4790.2
1.5°	4790.2	4792.6	4792.6	4792.6	4791.4
2°	4790.2	4792.6	4792.6	4793.8	4791.4
2.5°	4791.4	4793.8	4793.8	4793.8	4791.4
3°	4792.6	4793.8	4793.8	4793.8	4792.6
3.5°	4792.6	4793.8	4793.8	4793.8	4792.6
4°	4793.8	4793.8	4793.8	4793.8	4792.6
4.5°	4793.8	4794.9	4793.8	4793.8	4792.6
5°	4793.8	4794.9	4793.8	4793.8	4792.6
5.5°	4793.8	4794.9	4793.8	4793.8	4792.6
6°	4794.9	4794.9	4793.8	4793.8	4791.4
6.5°	4794.9	4796.1	4794.9	4793.8	4791.4
7°	4794.9	4796.1	4793.8	4793.8	4791.4
7.5°	4794.9	4796.1	4793.8	4792.6	4790.2
8°	4796.1	4796.1	4794.9	4792.6	4790.2
8.5°	4796.1	4797.3	4793.8	4792.6	4789.1
9°	4797.3	4797.3	4794.9	4791.4	4789.1
9.5°	4797.3	4798.4	4793.8	4791.4	4787.9
10°	4798.4	4798.4	4793.8	4790.2	4786.7
10.5°	4799.6	4799.6	4793.8	4790.2	4786.7
11°	4799.6	4799.6	4793.8	4789.1	4785.6
11.5°	4800.8	4800.8	4793.8	4787.9	4784.4
12°	4800.8	4800.8	4793.8	4787.9	4783.2
12.5°	4801.9	4800.8	4792.6	4786.7	4782.1
13°	4801.9	4800.8	4792.6	4785.6	4780.9
13.5°	4803.1	4801.9	4792.6	4784.4	4779.7
14°	4803.1	4801.9	4792.6	4783.2	4777.4
14.5°	4804.3	4801.9	4791.4	4782.1	4776.2
15°	4804.3	4803.1	4791.4	4780.9	4775.1
15.5°	4805.4	4803.1	4790.2	4778.6	4772.7
16°	4804.3	4803.1	4789.1	4777.4	4770.4
16.5°	4805.4	4803.1	4789.1	4775.1	4768.1
17°	4805.4	4801.9	4787.9	4772.7	4766.9
17.5°	4805.4	4801.9	4785.6	4771.6	4764.6
18°	4805.4	4801.9	4784.4	4769.2	4761.0
18.5°	4805.4	4800.8	4783.2	4766.9	4758.7
19°	4804.3	4800.8	4782.1	4764.6	4756.4
19.5°	4804.3	4799.6	4779.7	4761.0	4752.9
20°	4803.1	4798.4	4777.4	4758.7	4750.5
20.5°	4801.9	4797.3	4776.2	4756.4	4747.0
21°	4801.9	4796.1	4773.9	4752.9	4743.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-180-L835-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	4797.3	4790.2	4765.7	4742.4	4731.8
23°	4794.9	4787.9	4762.2	4738.9	4728.3
23.5°	4792.6	4785.6	4758.7	4734.2	4723.7
24°	4790.2	4783.2	4755.2	4729.5	4719.0
24.5°	4787.9	4779.7	4751.7	4724.8	4714.3
25°	4784.4	4776.2	4747.0	4720.2	4709.7
25.5°	4780.9	4772.7	4742.4	4715.5	4703.8
26°	4777.4	4769.2	4737.7	4710.8	4699.1
26.5°	4773.9	4764.6	4733.0	4705.0	4693.3
27°	4769.2	4759.9	4727.2	4699.1	4687.5
27.5°	4764.6	4755.2	4721.3	4693.3	4681.6
28°	4759.9	4749.4	4715.5	4687.5	4675.8
28.5°	4754.0	4743.5	4709.7	4680.5	4668.8
29°	4748.2	4737.7	4702.6	4673.4	4661.8
29.5°	4742.4	4730.7	4695.6	4666.4	4653.6
30°	4735.3	4723.7	4687.5	4658.3	4645.4
30.5°	4728.3	4716.7	4679.3	4650.1	4638.4
31°	4720.2	4708.5	4671.1	4641.9	4629.1
31.5°	4713.2	4700.3	4661.8	4633.7	4620.9
32°	4703.8	4691.0	4653.6	4624.4	4611.5
32.5°	4694.5	4681.6	4643.1	4613.9	4601.0
33°	4685.1	4671.1	4632.6	4604.5	4590.5
33.5°	4674.6	4660.6	4622.0	4594.0	4580.0
34°	4662.9	4648.9	4610.4	4582.3	4569.5
34.5°	4651.2	4637.2	4598.7	4570.7	4557.8
35°	4639.6	4624.4	4585.8	4557.8	4545.0
35.5°	4626.7	4611.5	4573.0	4545.0	4532.1
36°	4613.9	4597.5	4559.0	4532.1	4518.1
36.5°	4598.7	4583.5	4545.0	4518.1	4505.2
37°	4583.5	4568.3	4529.8	4502.9	4490.1
37.5°	4568.3	4552.0	4514.6	4487.7	4473.7
38°	4552.0	4536.8	4498.2	4472.5	4458.5
38.5°	4535.6	4519.3	4480.7	4455.0	4442.2
39°	4518.1	4500.6	4463.2	4438.7	4424.6
39.5°	4499.4	4481.9	4445.7	4420.0	4407.1
40°	4479.5	4463.2	4425.8	4401.3	4388.4
40.5°	4460.9	4443.3	4406.0	4382.6	4368.6
41°	4439.8	4422.3	4386.1	4361.6	4347.6
41.5°	4417.6	4400.1	4363.9	4340.5	4326.5
42°	4395.4	4377.9	4341.7	4319.5	4304.3
42.5°	4372.1	4354.6	4318.3	4296.2	4282.1
43°	4348.7	4330.0	4295.0	4272.8	4258.8
43.5°	4324.2	4305.5	4270.5	4248.3	4234.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-180-L835-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	4243.6	4224.9	4191.0	4171.2	4156.0
45.5°	4215.6	4195.7	4163.0	4143.1	4129.1
46°	4186.4	4166.5	4133.8	4113.9	4099.9
46.5°	4156.0	4136.1	4104.6	4084.7	4070.7
47°	4124.4	4105.8	4073.1	4055.5	4040.3
47.5°	4092.9	4073.1	4041.5	4024.0	4008.8
48°	4061.4	4040.3	4010.0	3991.3	3976.1
48.5°	4027.5	4007.6	3977.3	3959.8	3945.7
49°	3991.3	3972.6	3942.2	3923.5	3910.7
49.5°	3956.2	3937.6	3907.2	3889.7	3875.7
50°	3920.0	3900.2	3872.1	3854.6	3840.6
50.5°	3882.7	3862.8	3834.8	3817.2	3804.4
51°	3845.3	3825.4	3797.4	3779.9	3765.9
51.5°	3805.6	3785.7	3757.7	3741.3	3728.5
52°	3765.9	3746.0	3718.0	3702.8	3689.9
52.5°	3726.1	3706.3	3678.2	3661.9	3650.2
53°	3682.9	3664.2	3638.5	3623.3	3610.5
53.5°	3639.7	3621.0	3595.3	3580.1	3568.4
54°	3596.5	3577.8	3552.1	3536.9	3526.4
54.5°	3554.4	3534.6	3510.0	3494.9	3484.3
55°	3508.9	3490.2	3465.7	3450.5	3440.0
55.5°	3463.3	3444.6	3420.1	3404.9	3395.6
56°	3415.4	3397.9	3373.4	3360.5	3351.2
56.5°	3367.5	3351.2	3326.7	3313.8	3304.5
57°	3320.8	3303.3	3279.9	3268.3	3258.9
57.5°	3274.1	3255.4	3232.0	3220.4	3211.0
58°	3222.7	3205.2	3183.0	3171.3	3163.1
58.5°	3172.5	3156.1	3132.8	3122.2	3114.1
59°	3122.2	3105.9	3083.7	3073.2	3065.0
59.5°	3069.7	3054.5	3032.3	3021.8	3013.6
60°	3018.3	3001.9	2980.9	2971.6	2963.4
60.5°	2965.7	2951.7	2929.5	2920.2	2912.0
61°	2912.0	2898.0	2877.0	2867.6	2859.4
61.5°	2857.1	2845.4	2824.4	2815.0	2808.0
62°	2803.4	2791.7	2770.7	2762.5	2755.5
62.5°	2748.5	2736.8	2715.8	2707.6	2700.6
63°	2693.6	2681.9	2662.0	2653.9	2646.8
63.5°	2637.5	2625.8	2607.1	2599.0	2591.9
64°	2581.4	2569.8	2549.9	2544.1	2535.9
64.5°	2525.4	2513.7	2493.8	2488.0	2481.0
65°	2468.1	2458.8	2440.1	2433.1	2428.4
65.5°	2412.1	2400.4	2382.9	2377.0	2370.0
66°	2352.5	2343.1	2325.6	2319.8	2315.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-180-L835-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	2179.6	2169.1	2153.9	2148.1	2142.2
68°	2120.0	2110.7	2095.5	2090.8	2085.0
68.5°	2060.5	2051.1	2035.9	2032.4	2028.9
69°	2000.9	1991.6	1978.7	1975.2	1970.5
69.5°	1942.5	1933.2	1921.5	1918.0	1912.1
70°	1882.9	1874.7	1863.1	1859.6	1853.7
70.5°	1823.4	1815.2	1804.7	1801.2	1795.3
71°	1763.8	1756.8	1747.4	1742.8	1736.9
71.5°	1705.4	1698.4	1687.9	1684.4	1679.7
72°	1645.8	1640.0	1629.5	1627.1	1621.3
72.5°	1586.2	1581.6	1571.1	1568.7	1564.0
73°	1526.7	1522.0	1511.5	1509.1	1505.6
73.5°	1468.3	1463.6	1454.2	1450.7	1447.2
74°	1409.9	1406.4	1397.0	1394.7	1390.0
74.5°	1350.3	1348.0	1339.8	1336.3	1332.8
75°	1290.7	1290.7	1282.5	1280.2	1276.7
75.5°	1233.5	1233.5	1225.3	1223.0	1219.5
76°	1176.2	1176.2	1168.1	1165.8	1161.2
76.5°	1118.4	1118.9	1112.0	1109.5	1105.7
77°	1063.1	1063.5	1057.3	1054.2	1050.3
77.5°	1003.8	1006.6	1001.5	998.7	994.8
78°	948.6	952.1	946.8	944.6	941.3
78.5°	896.5	898.7	895.3	892.6	888.1
79°	841.9	843.7	841.5	839.1	834.7
79.5°	788.2	791.1	789.6	787.5	782.4
80°	736.7	738.8	739.2	736.0	731.2
80.5°	682.5	686.8	687.5	684.4	681.9
81°	632.4	636.5	637.6	635.8	632.5
81.5°	583.1	587.9	588.9	587.9	583.7
82°	533.7	539.5	541.3	540.5	535.8
82.5°	486.5	493.0	494.9	494.2	489.9
83°	440.7	447.8	449.6	450.2	446.2
83.5°	396.4	403.2	405.4	406.1	401.8
84°	353.9	360.0	362.8	364.0	360.3
84.5°	313.5	318.4	321.8	323.3	321.6
85°	275.4	278.9	282.1	284.2	281.7
85.5°	238.5	241.3	243.7	246.9	244.9
86°	204.2	207.0	208.6	211.2	211.2
86.5°	171.5	172.8	174.0	177.1	177.1
87°	140.2	140.3	140.8	144.6	144.7
87.5°	108.2	109.1	109.6	113.0	114.1
88°	76.3	79.0	79.7	82.8	82.6
88.5°	54.0	54.0	53.8	57.0	57.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-180-L835-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	2.6	2.5	2.6	2.7	2.5
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°	1.1	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°	1.1	0.8	0.9	0.9	1.1
94°	1.1	0.9	1.1	0.9	1.2
94.5°	1.1	1.1	0.9	1.1	1.1
95°	1.1	0.8	1.1	0.9	1.2
95.5°	0.9	1.1	1.2	1.1	1.2
96°	1.3	1.3	1.1	1.1	1.2
96.5°	1.3	1.2	1.2	1.1	1.2
97°	1.3	1.2	1.3	1.1	1.4
97.5°	1.4	1.2	1.2	1.1	1.4
98°	1.5	1.3	1.3	1.3	1.5
98.5°	1.5	1.3	1.2	1.2	1.4
99°	1.4	1.4	1.3	1.2	1.3
99.5°	1.5	1.2	1.4	1.3	1.3
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°	1.8	1.4	1.5	1.5	1.6
102°	1.9	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°	1.8	1.8	1.6	1.6	1.5
104°	2.0	1.8	1.8	1.6	1.5
104.5°	1.8	1.9	1.9	1.9	1.6
105°	2.1	1.9	1.8	2.0	2.0
105.5°	2.0	1.6	1.9	1.8	1.8
106°	1.9	1.9	2.0	2.0	2.1
106.5°	2.1	1.9	2.0	1.9	1.8
107°	2.0	2.0	2.1	2.1	1.9
107.5°	2.2	2.0	2.1	2.2	2.1
108°	2.2	2.0	1.9	2.2	2.0
108.5°	2.2	2.2	2.2	2.1	2.0
109°	2.3	2.2	2.2	2.2	2.3
109.5°	2.5	2.1	2.5	2.3	2.1
110°	2.3	2.3	2.3	2.5	2.3
110.5°	2.5	2.3	2.5	2.5	2.6
111°	2.5	2.6	2.6	2.6	2.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-180-L835-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	2.8	2.9	3.0	2.9	2.7
113°	3.2	2.8	2.8	2.9	2.9
113.5°	3.2	3.2	3.2	3.3	3.3
114°	3.3	3.3	3.4	3.4	3.3
114.5°	3.5	3.5	3.4	3.4	3.2
115°	3.5	3.5	3.4	3.5	3.4
115.5°	3.9	3.5	3.7	3.6	3.4
116°	3.7	3.9	3.9	3.7	3.6
116.5°	4.0	4.0	4.0	4.0	3.9
117°	4.2	4.2	4.2	4.2	3.7
117.5°	4.4	4.2	4.3	4.2	4.0
118°	4.4	4.3	4.6	4.3	4.1
118.5°	4.8	4.6	4.6	4.4	4.3
119°	4.8	4.8	4.9	4.6	4.6
119.5°	4.9	4.9	4.9	4.8	4.7
120°	5.1	5.1	5.0	4.9	5.0
120.5°	5.3	5.0	5.3	5.1	5.0
121°	5.3	5.3	5.3	5.3	5.0
121.5°	5.8	5.6	5.5	5.3	5.3
122°	5.5	5.8	5.6	5.5	5.6
122.5°	6.0	5.8	5.7	5.7	5.5
123°	6.1	6.1	5.8	5.8	5.7
123.5°	6.1	6.3	6.0	5.7	6.0
124°	6.2	6.3	6.2	6.0	6.0
124.5°	6.5	6.3	6.2	6.1	6.1
125°	6.8	6.5	6.4	6.3	6.3
125.5°	6.8	6.7	6.4	6.3	6.4
126°	6.8	6.5	6.4	6.4	6.3
126.5°	6.5	6.7	6.8	6.4	6.5
127°	6.8	6.8	6.5	6.4	6.3
127.5°	7.0	6.9	6.8	6.4	6.3
128°	7.0	6.7	6.7	6.4	6.5
128.5°	6.8	6.8	6.5	6.3	6.5
129°	6.7	6.7	6.5	6.4	6.3
129.5°	6.5	6.7	6.5	6.4	6.4
130°	6.5	6.7	6.4	6.2	6.3
130.5°	6.8	6.5	6.5	6.0	6.3
131°	6.4	6.4	6.4	6.1	6.2
131.5°	6.5	6.3	6.1	6.0	6.1
132°	6.4	6.2	6.2	6.0	6.0
132.5°	6.4	6.2	6.1	6.0	6.1
133°	6.2	6.0	6.0	5.6	5.8
133.5°	6.3	6.0	5.7	5.5	5.8



TEST NUMBER: P#

CATALOG NUMBER: 44ID-180-L835-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	6.1	5.7	5.5	5.4	5.8
135.5°	5.7	5.8	5.5	5.3	5.6
136°	5.6	5.5	5.3	5.0	5.6
136.5°	5.7	5.5	5.3	5.0	5.5
137°	5.6	5.4	5.3	5.0	5.4
137.5°	5.5	5.3	5.1	4.8	5.1
138°	5.4	5.1	4.9	4.8	5.1
138.5°	5.5	5.1	5.0	4.7	5.0
139°	4.8	5.0	4.9	4.4	5.1
139.5°	5.1	4.8	4.7	4.6	5.0
140°	5.0	4.7	4.8	4.4	4.7
140.5°	5.0	4.7	4.7	4.4	4.7
141°	4.8	4.7	4.6	4.2	4.4
141.5°	4.4	4.7	4.7	4.2	4.4
142°	4.3	4.3	4.6	4.3	4.1
142.5°	4.3	4.6	4.4	4.2	4.1
143°	4.6	4.4	4.4	4.3	4.1
143.5°	4.6	4.4	4.4	4.1	4.1
144°	4.6	4.2	4.6	4.0	4.2
144.5°	4.3	4.2	4.3	4.1	4.2
145°	4.4	4.2	4.3	3.9	4.2
145.5°	4.3	4.1	4.2	3.9	4.4
146°	4.3	4.1	4.0	3.9	4.2
146.5°	4.4	4.1	4.0	3.9	4.2
147°	4.3	4.1	3.9	4.0	4.0
147.5°	4.2	4.1	3.9	4.0	4.3
148°	4.3	4.1	4.0	3.9	4.3
148.5°	4.4	4.2	4.0	3.9	4.3
149°	4.3	4.1	4.0	3.9	4.3
149.5°	4.6	4.0	4.0	3.9	4.4
150°	4.4	4.2	4.0	3.9	4.3
150.5°	4.3	4.1	4.0	4.0	4.3
151°	4.6	4.1	3.9	4.0	4.6
151.5°	4.4	4.2	3.9	4.0	4.6
152°	4.6	4.2	4.1	4.2	4.3
152.5°	4.6	4.3	4.0	4.1	4.6
153°	4.4	4.2	4.1	4.3	4.7
153.5°	4.8	4.3	4.0	4.2	4.6
154°	4.6	4.3	4.2	4.2	4.6
154.5°	4.6	4.2	4.2	4.4	4.7
155°	4.3	4.3	4.3	4.4	4.8
155.5°	4.6	4.2	4.2	4.3	4.7
156°	4.3	4.3	4.3	4.3	4.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-180-L835-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	4.3	4.1	4.2	4.4	4.6
158°	4.7	4.3	4.2	4.3	4.7
158.5°	4.4	4.3	4.1	4.3	4.6
159°	4.6	4.3	4.2	4.3	4.8
159.5°	4.4	4.2	4.2	4.3	4.9
160°	4.4	4.3	4.1	4.3	4.7
160.5°	4.3	4.2	4.2	4.4	4.7
161°	4.3	4.2	4.2	4.4	4.7
161.5°	4.4	4.3	4.2	4.2	4.4
162°	4.3	4.2	4.3	4.4	4.4
162.5°	4.6	4.4	4.3	4.3	4.6
163°	4.6	4.3	4.4	4.4	4.4
163.5°	4.4	4.3	4.4	4.4	4.8
164°	4.3	4.4	4.3	4.7	4.7
164.5°	4.2	4.6	4.4	4.7	4.8
165°	4.3	4.3	4.2	4.6	4.7
165.5°	4.1	4.3	4.2	4.9	4.7
166°	4.4	4.4	4.3	4.7	4.6
166.5°	4.4	4.3	4.2	4.8	4.3
167°	4.3	4.7	4.3	4.9	4.8
167.5°	4.4	4.7	4.4	5.0	4.8
168°	4.6	4.6	4.3	4.9	4.7
168.5°	4.4	4.8	4.6	5.3	4.8
169°	4.8	4.7	4.3	5.3	4.8
169.5°	4.7	4.7	4.4	5.1	4.9
170°	4.8	4.7	4.6	5.3	4.8
170.5°	4.8	4.9	4.6	5.3	5.0
171°	4.8	4.8	4.8	5.3	5.1
171.5°	4.7	4.8	4.8	5.4	4.9
172°	4.7	4.8	4.9	5.4	5.0
172.5°	4.9	4.9	5.0	5.4	5.0
173°	4.7	4.7	5.0	5.4	5.1
173.5°	5.0	4.9	5.1	5.3	5.3
174°	5.1	5.1	5.5	5.4	5.1
174.5°	5.1	5.4	5.4	5.6	5.4
175°	5.5	5.4	5.5	5.6	5.3
175.5°	5.5	5.4	5.7	5.5	5.5
176°	5.7	5.6	5.5	5.4	5.4
176.5°	5.8	5.5	5.6	5.1	5.4
177°	5.6	5.5	5.3	5.1	5.4
177.5°	5.7	5.5	5.1	5.0	5.5
178°	5.4	5.3	5.0	5.0	5.1
178.5°	5.3	5.1	4.9	4.9	4.9



TEST NUMBER: P#

CATALOG NUMBER: 44ID-180-L835-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	4.6	4.6	4.6	4.6	4.6



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	4800.8	4794.9	4771.6	4749.4	4740.0
22°	4798.4	4792.6	4768.1	4745.9	4736.5



44°	4297.3	4279.8	4244.8	4223.7	4209.7
44.5°	4270.5	4251.8	4219.1	4196.9	4182.9



66.5°	2295.3	2285.9	2268.4	2262.5	2256.7
67°	2238.0	2227.5	2211.2	2205.3	2200.6



89°	34.1	33.5	33.2	34.9	35.4
89.5°	15.1	15.3	15.0	16.0	15.8



111.5°	2.9	2.6	2.7	2.7	2.6
112°	2.9	2.7	2.7	2.7	2.9



134°	6.0	5.8	5.7	5.6	6.0
134.5°	6.1	5.7	5.7	5.4	5.6



156.5°	4.6	4.2	4.3	4.4	4.6
157°	4.4	4.2	4.3	4.3	4.6



179°	5.0	4.9	4.7	4.8	5.0
179.5°	4.4	4.7	4.6	4.4	4.8



(END OF REPORT)