

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-140-L850-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-140-L850-CFD2
Description: 14000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS
AND 5000K CCT, 80CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

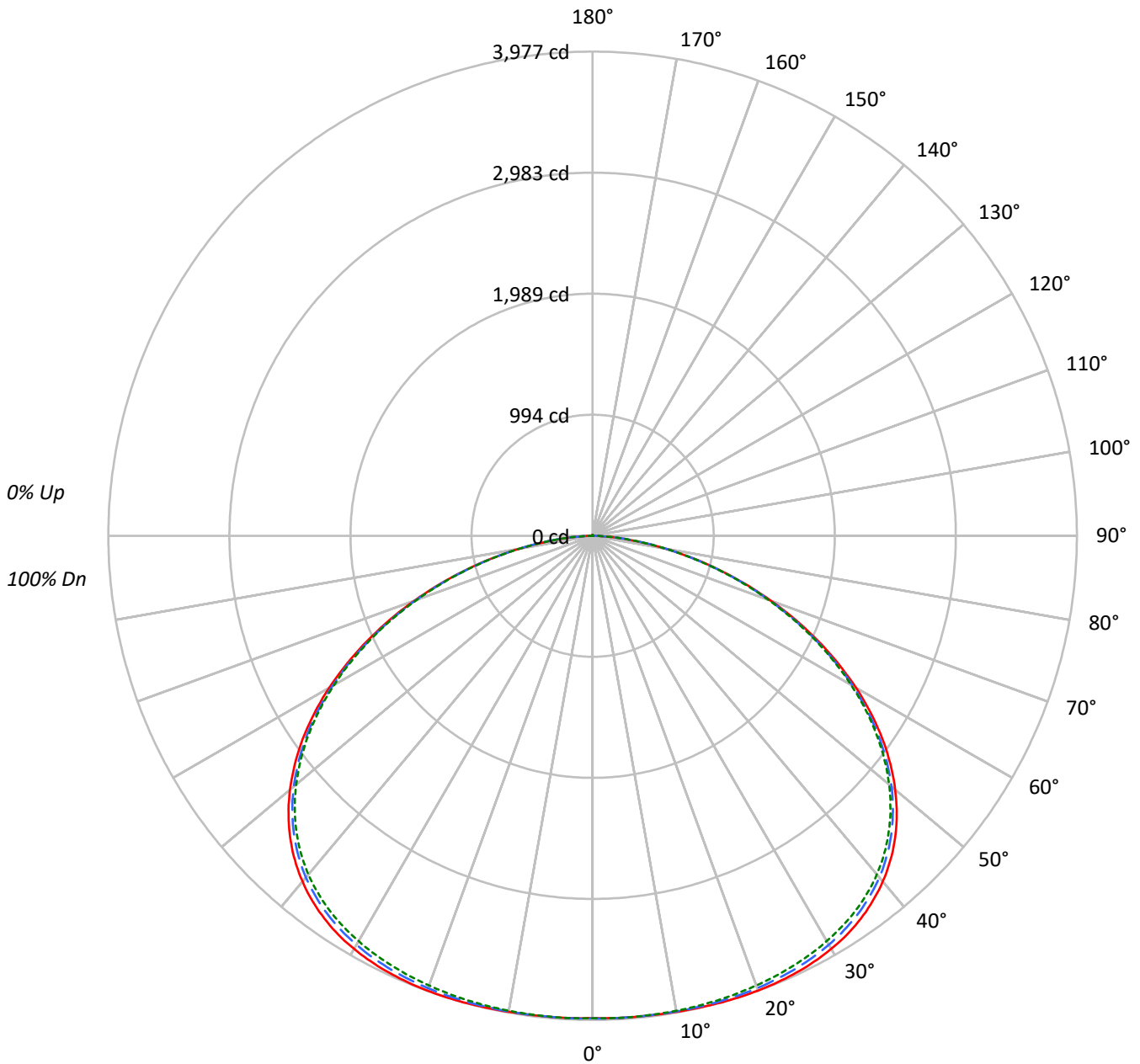
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14350.0 lumens
Efficiency: N/A
Efficacy: 119.6 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): 120
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°	2829	2829	2829
5°	2832	2828	2831
10°	2857	2845	2850
15°	2905	2884	2887
20°	2973	2939	2941
25°	3057	3009	3010
30°	3152	3089	3092
35°	3248	3172	3182
40°	3334	3248	3267
45°	3400	3301	3329
50°	3427	3319	3358
55°	3405	3285	3338
60°	3319	3187	3259
65°	3159	3018	3109
70°	2909	2758	2864
75°	2539	2387	2512
80°	2016	1871	2001
85°	1252	1129	1281



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	378.7	2.6
10°-20°	1123.2	7.8
20°-30°	1815.8	12.7
30°-40°	2378.3	16.6
40°-50°	2675.2	18.6
50°-60°	2559.8	17.8
60°-70°	1996.5	13.9
70°-80°	1125.1	7.8
80°-90°	278.4	1.9
90°-100°	1.0	0.0
100°-110°	1.6	0.0
110°-120°	2.9	0.0
120°-130°	4.5	0.0
130°-140°	3.6	0.0
140°-150°	2.2	0.0
150°-160°	1.7	0.0
160°-170°	1.1	0.0
170°-180°	0.4	0.0
0°-30°	3317.7	23.1
0°-40°	5696.0	39.7
0°-60°	10931.0	76.2
0°-90°	14331.0	99.9
90°-120°	5.5	0.0
90°-150°	15.9	0.1
90°-180°	19.0	0.1
0°-180°	14350.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3963	3963	3963	3963	3963	
5°	3967	3968	3967	3967	3966	379
15°	3976	3975	3965	3956	3952	1127
25°	3959	3952	3928	3906	3897	1830
35°	3839	3827	3795	3772	3761	2404
45°	3512	3496	3468	3452	3439	2705
55°	2904	2888	2868	2855	2847	2588
65°	2042	2035	2019	2013	2010	2016
75°	1068	1068	1061	1059	1056	1132
85°	228	231	233	235	233	264
90°	2	2	2	2	2	11
95°	1	1	1	1	1	1
105°	2	2	1	2	2	2
115°	3	3	3	3	3	3
125°	6	5	5	5	5	5
135°	5	5	4	4	5	4
145°	4	4	4	3	4	2
155°	4	4	4	4	4	2
165°	4	4	4	4	4	1
175°	4	4	4	5	4	0
180°	4	4	4	4	4	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3963.1	3963.1	3963.1	3963.1	3963.1
0.5°	3962.1	3965.0	3966.0	3965.0	3963.1
1°	3963.1	3965.0	3966.0	3966.0	3964.0
1.5°	3964.0	3966.0	3966.0	3966.0	3965.0
2°	3964.0	3966.0	3966.0	3966.9	3965.0
2.5°	3965.0	3966.9	3966.9	3966.9	3965.0
3°	3966.0	3966.9	3966.9	3966.9	3966.0
3.5°	3966.0	3966.9	3966.9	3966.9	3966.0
4°	3966.9	3966.9	3966.9	3966.9	3966.0
4.5°	3966.9	3967.9	3966.9	3966.9	3966.0
5°	3966.9	3967.9	3966.9	3966.9	3966.0
5.5°	3966.9	3967.9	3966.9	3966.9	3966.0
6°	3967.9	3967.9	3966.9	3966.9	3965.0
6.5°	3967.9	3968.9	3967.9	3966.9	3965.0
7°	3967.9	3968.9	3966.9	3966.9	3965.0
7.5°	3967.9	3968.9	3966.9	3966.0	3964.0
8°	3968.9	3968.9	3967.9	3966.0	3964.0
8.5°	3968.9	3969.8	3966.9	3966.0	3963.1
9°	3969.8	3969.8	3967.9	3965.0	3963.1
9.5°	3969.8	3970.8	3966.9	3965.0	3962.1
10°	3970.8	3970.8	3966.9	3964.0	3961.1
10.5°	3971.8	3971.8	3966.9	3964.0	3961.1
11°	3971.8	3971.8	3966.9	3963.1	3960.2
11.5°	3972.7	3972.7	3966.9	3962.1	3959.2
12°	3972.7	3972.7	3966.9	3962.1	3958.2
12.5°	3973.7	3972.7	3966.0	3961.1	3957.3
13°	3973.7	3972.7	3966.0	3960.2	3956.3
13.5°	3974.7	3973.7	3966.0	3959.2	3955.3
14°	3974.7	3973.7	3966.0	3958.2	3953.4
14.5°	3975.6	3973.7	3965.0	3957.3	3952.4
15°	3975.6	3974.7	3965.0	3956.3	3951.5
15.5°	3976.6	3974.7	3964.0	3954.4	3949.5
16°	3975.6	3974.7	3963.1	3953.4	3947.6
16.5°	3976.6	3974.7	3963.1	3951.5	3945.7
17°	3976.6	3973.7	3962.1	3949.5	3944.7
17.5°	3976.6	3973.7	3960.2	3948.6	3942.8
18°	3976.6	3973.7	3959.2	3946.6	3939.9
18.5°	3976.6	3972.7	3958.2	3944.7	3937.9
19°	3975.6	3972.7	3957.3	3942.8	3936.0
19.5°	3975.6	3971.8	3955.3	3939.9	3933.1
20°	3974.7	3970.8	3953.4	3937.9	3931.2
20.5°	3973.7	3969.8	3952.4	3936.0	3928.3
21°	3973.7	3968.9	3950.5	3933.1	3925.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	3969.8	3964.0	3943.7	3924.4	3915.7
23°	3967.9	3962.1	3940.8	3921.5	3912.8
23.5°	3966.0	3960.2	3937.9	3917.6	3908.9
24°	3964.0	3958.2	3935.0	3913.8	3905.1
24.5°	3962.1	3955.3	3932.1	3909.9	3901.2
25°	3959.2	3952.4	3928.3	3906.0	3897.3
25.5°	3956.3	3949.5	3924.4	3902.2	3892.5
26°	3953.4	3946.6	3920.5	3898.3	3888.6
26.5°	3950.5	3942.8	3916.7	3893.5	3883.8
27°	3946.6	3938.9	3911.8	3888.6	3879.0
27.5°	3942.8	3935.0	3907.0	3883.8	3874.1
28°	3938.9	3930.2	3902.2	3879.0	3869.3
28.5°	3934.1	3925.4	3897.3	3873.2	3863.5
29°	3929.2	3920.5	3891.5	3867.4	3857.7
29.5°	3924.4	3914.7	3885.7	3861.6	3850.9
30°	3918.6	3908.9	3879.0	3854.8	3844.2
30.5°	3912.8	3903.1	3872.2	3848.0	3838.4
31°	3906.0	3896.4	3865.4	3841.3	3830.6
31.5°	3900.2	3889.6	3857.7	3834.5	3823.9
32°	3892.5	3881.9	3850.9	3826.8	3816.1
32.5°	3884.8	3874.1	3842.2	3818.1	3807.4
33°	3877.0	3865.4	3833.5	3810.3	3798.7
33.5°	3868.3	3856.7	3824.8	3801.6	3790.0
34°	3858.7	3847.1	3815.2	3792.0	3781.3
34.5°	3849.0	3837.4	3805.5	3782.3	3771.7
35°	3839.3	3826.8	3794.9	3771.7	3761.0
35.5°	3828.7	3816.1	3784.2	3761.0	3750.4
36°	3818.1	3804.5	3772.6	3750.4	3738.8
36.5°	3805.5	3792.9	3761.0	3738.8	3728.2
37°	3792.9	3780.4	3748.5	3726.2	3715.6
37.5°	3780.4	3766.8	3735.9	3713.7	3702.1
38°	3766.8	3754.3	3722.4	3701.1	3689.5
38.5°	3753.3	3739.8	3707.9	3686.6	3676.0
39°	3738.8	3724.3	3693.4	3673.1	3661.5
39.5°	3723.3	3708.8	3678.9	3657.6	3647.0
40°	3706.9	3693.4	3662.4	3642.1	3631.5
40.5°	3691.4	3676.9	3646.0	3626.7	3615.1
41°	3674.0	3659.5	3629.6	3609.3	3597.7
41.5°	3655.7	3641.2	3611.2	3591.9	3580.3
42°	3637.3	3622.8	3592.8	3574.5	3561.9
42.5°	3618.0	3603.5	3573.5	3555.1	3543.5
43°	3598.6	3583.2	3554.2	3535.8	3524.2
43.5°	3578.3	3562.9	3533.9	3515.5	3503.9



TEST NUMBER: P#

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	3511.7	3496.2	3468.2	3451.7	3439.2
45.5°	3488.5	3472.0	3445.0	3428.5	3416.9
46°	3464.3	3447.9	3420.8	3404.4	3392.8
46.5°	3439.2	3422.7	3396.6	3380.2	3368.6
47°	3413.1	3397.6	3370.5	3356.0	3343.5
47.5°	3387.0	3370.5	3344.4	3329.9	3317.4
48°	3360.9	3343.5	3318.3	3302.9	3290.3
48.5°	3332.8	3316.4	3291.3	3276.8	3265.2
49°	3302.9	3287.4	3262.3	3246.8	3236.2
49.5°	3273.9	3258.4	3233.3	3218.8	3207.2
50°	3243.9	3227.5	3204.3	3189.8	3178.2
50.5°	3213.0	3196.5	3173.3	3158.8	3148.2
51°	3182.0	3165.6	3142.4	3127.9	3116.3
51.5°	3149.2	3132.7	3109.5	3096.0	3085.4
52°	3116.3	3099.9	3076.7	3064.1	3053.5
52.5°	3083.4	3067.0	3043.8	3030.3	3020.6
53°	3047.7	3032.2	3011.0	2998.4	2987.8
53.5°	3011.9	2996.5	2975.2	2962.6	2953.0
54°	2976.2	2960.7	2939.4	2926.9	2918.2
54.5°	2941.4	2924.9	2904.6	2892.1	2883.4
55°	2903.7	2888.2	2867.9	2855.3	2846.6
55.5°	2866.0	2850.5	2830.2	2817.6	2809.9
56°	2826.3	2811.8	2791.5	2780.9	2773.2
56.5°	2786.7	2773.2	2752.9	2742.2	2734.5
57°	2748.0	2733.5	2714.2	2704.5	2696.8
57.5°	2709.4	2693.9	2674.6	2664.9	2657.2
58°	2666.8	2652.3	2634.0	2624.3	2617.5
58.5°	2625.3	2611.7	2592.4	2583.7	2577.0
59°	2583.7	2570.2	2551.8	2543.1	2536.4
59.5°	2540.2	2527.7	2509.3	2500.6	2493.8
60°	2497.7	2484.2	2466.8	2459.0	2452.3
60.5°	2454.2	2442.6	2424.2	2416.5	2409.7
61°	2409.7	2398.1	2380.7	2373.0	2366.2
61.5°	2364.3	2354.6	2337.2	2329.5	2323.7
62°	2319.8	2310.2	2292.8	2286.0	2280.2
62.5°	2274.4	2264.7	2247.3	2240.6	2234.8
63°	2229.0	2219.3	2202.9	2196.1	2190.3
63.5°	2182.6	2172.9	2157.4	2150.7	2144.9
64°	2136.2	2126.5	2110.1	2105.3	2098.5
64.5°	2089.8	2080.1	2063.7	2058.9	2053.1
65°	2042.4	2034.7	2019.2	2013.4	2009.6
65.5°	1996.0	1986.4	1971.9	1967.0	1961.2
66°	1946.7	1939.0	1924.5	1919.7	1915.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1803.7	1795.0	1782.4	1777.6	1772.7
68°	1754.4	1746.6	1734.1	1730.2	1725.4
68.5°	1705.1	1697.3	1684.8	1681.9	1679.0
69°	1655.8	1648.1	1637.4	1634.5	1630.7
69.5°	1607.5	1599.7	1590.1	1587.2	1582.3
70°	1558.2	1551.4	1541.7	1538.8	1534.0
70.5°	1508.9	1502.1	1493.4	1490.5	1485.7
71°	1459.6	1453.8	1446.0	1442.2	1437.3
71.5°	1411.2	1405.4	1396.7	1393.8	1390.0
72°	1361.9	1357.1	1348.4	1346.5	1341.6
72.5°	1312.6	1308.8	1300.1	1298.1	1294.3
73°	1263.3	1259.5	1250.8	1248.8	1245.9
73.5°	1215.0	1211.1	1203.4	1200.5	1197.6
74°	1166.7	1163.8	1156.1	1154.1	1150.3
74.5°	1117.4	1115.5	1108.7	1105.8	1102.9
75°	1068.1	1068.1	1061.3	1059.4	1056.5
75.5°	1020.7	1020.7	1014.0	1012.0	1009.1
76°	973.4	973.4	966.6	964.8	960.9
76.5°	925.5	925.9	920.2	918.2	915.0
77°	879.7	880.1	875.0	872.4	869.2
77.5°	830.7	833.0	828.8	826.4	823.3
78°	785.0	787.9	783.5	781.7	779.0
78.5°	741.9	743.7	740.9	738.7	734.9
79°	696.7	698.2	696.3	694.4	690.7
79.5°	652.3	654.7	653.4	651.7	647.4
80°	609.6	611.4	611.7	609.1	605.1
80.5°	564.8	568.4	568.9	566.3	564.3
81°	523.3	526.7	527.7	526.1	523.4
81.5°	482.5	486.5	487.4	486.5	483.0
82°	441.6	446.5	447.9	447.2	443.4
82.5°	402.6	408.0	409.5	409.0	405.4
83°	364.7	370.6	372.0	372.5	369.2
83.5°	328.1	333.7	335.5	336.1	332.5
84°	292.9	297.9	300.2	301.2	298.2
84.5°	259.4	263.5	266.3	267.6	266.1
85°	227.9	230.8	233.4	235.2	233.1
85.5°	197.4	199.7	201.6	204.3	202.7
86°	169.0	171.3	172.6	174.8	174.8
86.5°	141.9	143.0	144.0	146.5	146.5
87°	116.0	116.1	116.5	119.7	119.8
87.5°	89.5	90.3	90.7	93.5	94.4
88°	63.1	65.3	65.9	68.5	68.3
88.5°	44.7	44.7	44.6	47.2	47.7



TEST NUMBER: P#

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	2.1	2.0	2.1	2.2	2.0
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	1.0
94.5°	0.9	0.9	0.8	0.9	0.9
95°	0.9	0.7	0.9	0.8	1.0
95.5°	0.8	0.9	1.0	0.9	1.0
96°	1.1	1.1	0.9	0.9	1.0
96.5°	1.1	1.0	1.0	0.9	1.0
97°	1.1	1.0	1.1	0.9	1.2
97.5°	1.2	1.0	1.0	0.9	1.2
98°	1.3	1.1	1.1	1.1	1.3
98.5°	1.3	1.1	1.0	1.0	1.2
99°	1.2	1.2	1.1	1.0	1.1
99.5°	1.3	1.0	1.2	1.1	1.1
100°	1.3	1.2	1.2	1.2	1.3
100.5°	1.3	1.3	1.2	1.3	1.3
101°	1.4	1.2	1.2	1.2	1.2
101.5°	1.4	1.2	1.3	1.3	1.4
102°	1.5	1.3	1.4	1.3	1.4
102.5°	1.4	1.3	1.3	1.4	1.4
103°	1.4	1.2	1.4	1.3	1.4
103.5°	1.4	1.4	1.4	1.4	1.3
104°	1.6	1.4	1.4	1.4	1.3
104.5°	1.4	1.5	1.5	1.5	1.4
105°	1.7	1.5	1.4	1.6	1.6
105.5°	1.6	1.4	1.5	1.4	1.4
106°	1.5	1.5	1.6	1.6	1.7
106.5°	1.7	1.5	1.6	1.5	1.4
107°	1.6	1.6	1.7	1.7	1.5
107.5°	1.8	1.6	1.7	1.8	1.7
108°	1.8	1.6	1.5	1.8	1.6
108.5°	1.8	1.8	1.8	1.7	1.6
109°	1.9	1.8	1.8	1.8	1.9
109.5°	2.0	1.7	2.0	1.9	1.7
110°	1.9	1.9	1.9	2.0	1.9
110.5°	2.0	1.9	2.0	2.0	2.1
111°	2.0	2.1	2.1	2.1	2.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L850-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	2.3	2.4	2.5	2.4	2.2
113°	2.6	2.3	2.3	2.4	2.4
113.5°	2.6	2.6	2.6	2.7	2.7
114°	2.7	2.7	2.8	2.8	2.7
114.5°	2.9	2.9	2.8	2.8	2.6
115°	2.9	2.9	2.8	2.9	2.8
115.5°	3.2	2.9	3.1	3.0	2.8
116°	3.1	3.2	3.2	3.1	3.0
116.5°	3.3	3.3	3.3	3.3	3.2
117°	3.5	3.5	3.5	3.5	3.1
117.5°	3.7	3.5	3.6	3.5	3.3
118°	3.7	3.6	3.8	3.6	3.4
118.5°	4.0	3.8	3.8	3.7	3.6
119°	4.0	4.0	4.1	3.8	3.8
119.5°	4.1	4.1	4.1	4.0	3.9
120°	4.3	4.3	4.2	4.1	4.2
120.5°	4.3	4.2	4.3	4.3	4.2
121°	4.3	4.3	4.3	4.3	4.2
121.5°	4.8	4.6	4.5	4.3	4.3
122°	4.5	4.8	4.6	4.5	4.6
122.5°	4.9	4.8	4.7	4.7	4.5
123°	5.0	5.0	4.8	4.8	4.7
123.5°	5.0	5.2	4.9	4.7	4.9
124°	5.1	5.2	5.1	4.9	4.9
124.5°	5.4	5.2	5.1	5.0	5.0
125°	5.6	5.4	5.3	5.2	5.2
125.5°	5.6	5.5	5.3	5.2	5.3
126°	5.6	5.4	5.3	5.3	5.2
126.5°	5.4	5.5	5.6	5.3	5.4
127°	5.6	5.6	5.4	5.3	5.2
127.5°	5.8	5.7	5.6	5.3	5.2
128°	5.8	5.5	5.5	5.3	5.4
128.5°	5.6	5.6	5.4	5.2	5.4
129°	5.5	5.5	5.4	5.3	5.2
129.5°	5.4	5.5	5.4	5.3	5.3
130°	5.4	5.5	5.3	5.1	5.2
130.5°	5.6	5.4	5.4	4.9	5.2
131°	5.3	5.3	5.3	5.0	5.1
131.5°	5.4	5.2	5.0	4.9	5.0
132°	5.3	5.1	5.1	4.9	4.9
132.5°	5.3	5.1	5.0	4.9	5.0
133°	5.1	4.9	4.9	4.6	4.8
133.5°	5.2	4.9	4.7	4.5	4.8



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L850-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	5.0	4.7	4.5	4.4	4.8
135.5°	4.7	4.8	4.5	4.3	4.6
136°	4.6	4.5	4.3	4.2	4.6
136.5°	4.7	4.5	4.3	4.2	4.5
137°	4.6	4.4	4.3	4.2	4.4
137.5°	4.5	4.3	4.3	4.0	4.3
138°	4.4	4.3	4.1	4.0	4.3
138.5°	4.5	4.3	4.2	3.9	4.2
139°	4.0	4.2	4.1	3.7	4.3
139.5°	4.3	4.0	3.9	3.8	4.2
140°	4.2	3.9	4.0	3.7	3.9
140.5°	4.2	3.9	3.9	3.7	3.9
141°	4.0	3.9	3.8	3.5	3.7
141.5°	3.7	3.9	3.9	3.5	3.7
142°	3.6	3.6	3.8	3.6	3.4
142.5°	3.6	3.8	3.7	3.5	3.4
143°	3.8	3.7	3.7	3.6	3.4
143.5°	3.8	3.7	3.7	3.4	3.4
144°	3.8	3.5	3.8	3.3	3.5
144.5°	3.6	3.5	3.6	3.4	3.5
145°	3.7	3.5	3.6	3.2	3.5
145.5°	3.6	3.4	3.5	3.2	3.7
146°	3.6	3.4	3.3	3.2	3.5
146.5°	3.7	3.4	3.3	3.2	3.5
147°	3.6	3.4	3.2	3.3	3.3
147.5°	3.5	3.4	3.2	3.3	3.6
148°	3.6	3.4	3.3	3.2	3.6
148.5°	3.7	3.5	3.3	3.2	3.6
149°	3.6	3.4	3.3	3.2	3.6
149.5°	3.8	3.3	3.3	3.2	3.7
150°	3.7	3.5	3.3	3.2	3.6
150.5°	3.6	3.4	3.3	3.3	3.6
151°	3.8	3.4	3.2	3.3	3.8
151.5°	3.7	3.5	3.2	3.3	3.8
152°	3.8	3.5	3.4	3.5	3.6
152.5°	3.8	3.6	3.3	3.4	3.8
153°	3.7	3.5	3.4	3.6	3.9
153.5°	4.0	3.6	3.3	3.5	3.8
154°	3.8	3.6	3.5	3.5	3.8
154.5°	3.8	3.5	3.5	3.7	3.9
155°	3.6	3.6	3.6	3.7	4.0
155.5°	3.8	3.5	3.5	3.6	3.9
156°	3.6	3.6	3.6	3.6	3.9



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L850-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	3.6	3.4	3.5	3.7	3.8
158°	3.9	3.6	3.5	3.6	3.9
158.5°	3.7	3.6	3.4	3.6	3.8
159°	3.8	3.6	3.5	3.6	4.0
159.5°	3.7	3.5	3.5	3.6	4.1
160°	3.7	3.6	3.4	3.6	3.9
160.5°	3.6	3.5	3.5	3.7	3.9
161°	3.6	3.5	3.5	3.7	3.9
161.5°	3.7	3.6	3.5	3.5	3.7
162°	3.6	3.5	3.6	3.7	3.7
162.5°	3.8	3.7	3.6	3.6	3.8
163°	3.8	3.6	3.7	3.7	3.7
163.5°	3.7	3.6	3.7	3.7	4.0
164°	3.6	3.7	3.6	3.9	3.9
164.5°	3.5	3.8	3.7	3.9	4.0
165°	3.6	3.6	3.5	3.8	3.9
165.5°	3.4	3.6	3.5	4.1	3.9
166°	3.7	3.7	3.6	3.9	3.8
166.5°	3.7	3.6	3.5	4.0	3.6
167°	3.6	3.9	3.6	4.1	4.0
167.5°	3.7	3.9	3.7	4.2	4.0
168°	3.8	3.8	3.6	4.1	3.9
168.5°	3.7	4.0	3.8	4.3	4.0
169°	4.0	3.9	3.6	4.3	4.0
169.5°	3.9	3.9	3.7	4.3	4.1
170°	4.0	3.9	3.8	4.3	4.0
170.5°	4.0	4.1	3.8	4.3	4.2
171°	4.0	4.0	4.0	4.3	4.3
171.5°	3.9	4.0	4.0	4.4	4.1
172°	3.9	4.0	4.1	4.4	4.2
172.5°	4.1	4.1	4.2	4.4	4.2
173°	3.9	3.9	4.2	4.4	4.3
173.5°	4.2	4.1	4.3	4.3	4.3
174°	4.3	4.3	4.5	4.4	4.3
174.5°	4.3	4.4	4.4	4.6	4.4
175°	4.5	4.4	4.5	4.6	4.3
175.5°	4.5	4.4	4.7	4.5	4.5
176°	4.7	4.6	4.5	4.4	4.4
176.5°	4.8	4.5	4.6	4.3	4.4
177°	4.6	4.5	4.3	4.3	4.4
177.5°	4.7	4.5	4.3	4.2	4.5
178°	4.4	4.3	4.2	4.2	4.3
178.5°	4.3	4.3	4.1	4.1	4.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L850-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	3.8	3.8	3.8	3.8	3.8



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	3972.7	3967.9	3948.6	3930.2	3922.5
22°	3970.8	3966.0	3945.7	3927.3	3919.6



44°	3556.1	3541.6	3512.6	3495.2	3483.6
44.5°	3533.9	3518.4	3491.4	3473.0	3461.4



66.5°	1899.4	1891.6	1877.1	1872.3	1867.5
67°	1852.0	1843.3	1829.8	1824.9	1821.1



89°	28.2	27.7	27.5	28.9	29.3
89.5°	12.5	12.7	12.4	13.2	13.0



111.5°	2.4	2.1	2.2	2.2	2.1
112°	2.4	2.2	2.2	2.2	2.4



134°	4.9	4.8	4.7	4.6	4.9
134.5°	5.0	4.7	4.7	4.4	4.6



156.5°	3.8	3.5	3.6	3.7	3.8
157°	3.7	3.5	3.6	3.6	3.8



179°	4.2	4.1	3.9	4.0	4.2
179.5°	3.7	3.9	3.8	3.7	4.0



(END OF REPORT)