

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-L940-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-160-L940-CFR2
Description: 16000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS
AND 4000K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

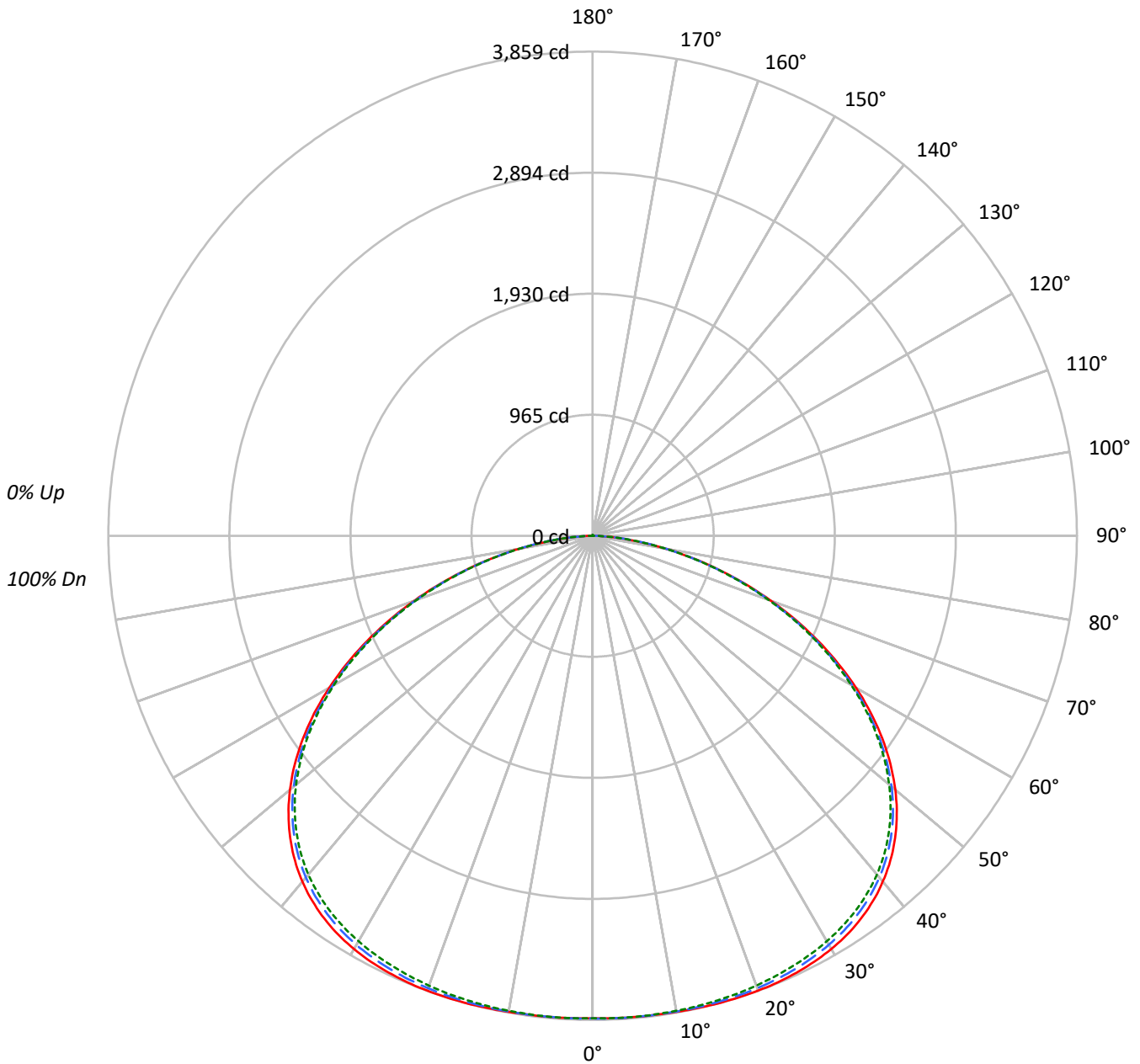
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13927.0 lumens
Efficiency: N/A
Efficacy: 107.6 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): 129.4
Input Voltage (V):
Input Current (A_{in}): 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°	2746	2746	2746
5°	2759	2759	2758
10°	2794	2791	2787
15°	2852	2844	2834
20°	2931	2915	2899
25°	3027	3003	2979
30°	3135	3103	3075
35°	3247	3210	3181
40°	3353	3313	3285
45°	3441	3398	3370
50°	3497	3454	3426
55°	3508	3464	3439
60°	3461	3418	3398
65°	3348	3310	3294
70°	3156	3123	3108
75°	2859	2841	2828
80°	2433	2440	2414
85°	1812	1856	1854



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	367.5	2.6
10°-20°	1090.1	7.8
20°-30°	1762.3	12.7
30°-40°	2308.2	16.6
40°-50°	2596.3	18.6
50°-60°	2484.4	17.8
60°-70°	1937.6	13.9
70°-80°	1092.0	7.8
80°-90°	270.2	1.9
90°-100°	1.0	0.0
100°-110°	1.6	0.0
110°-120°	2.8	0.0
120°-130°	4.4	0.0
130°-140°	3.5	0.0
140°-150°	2.2	0.0
150°-160°	1.6	0.0
160°-170°	1.0	0.0
170°-180°	0.4	0.0
0°-30°	3219.9	23.1
0°-40°	5528.1	39.7
0°-60°	10608.8	76.2
0°-90°	13908.6	99.9
90°-120°	5.4	0.0
90°-150°	15.4	0.1
90°-180°	18.0	0.1
0°-180°	13927.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3846	3846	3846	3846	3846	
5°	3850	3851	3850	3850	3849	368
15°	3858	3858	3848	3840	3835	1094
25°	3842	3836	3812	3791	3782	1776
35°	3726	3714	3683	3660	3650	2333
45°	3408	3393	3366	3350	3338	2625
55°	2818	2803	2783	2771	2763	2512
65°	1982	1975	1960	1954	1950	1957
75°	1037	1037	1030	1028	1025	1099
85°	221	224	227	228	226	256
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°	5	5	5	5	5	5
135°	5	5	4	4	5	4
145°	4	3	4	3	3	2
155°	4	4	4	4	4	2
165°	4	4	3	4	4	1
175°	4	4	4	4	4	0
180°	4	4	4	4	4	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3846.2	3846.2	3846.2	3846.2	3846.2
0.5°	3845.3	3848.1	3849.0	3848.1	3846.2
1°	3846.2	3848.1	3849.0	3849.0	3847.2
1.5°	3847.2	3849.0	3849.0	3849.0	3848.1
2°	3847.2	3849.0	3849.0	3850.0	3848.1
2.5°	3848.1	3850.0	3850.0	3850.0	3848.1
3°	3849.0	3850.0	3850.0	3850.0	3849.0
3.5°	3849.0	3850.0	3850.0	3850.0	3849.0
4°	3850.0	3850.0	3850.0	3850.0	3849.0
4.5°	3850.0	3850.9	3850.0	3850.0	3849.0
5°	3850.0	3850.9	3850.0	3850.0	3849.0
5.5°	3850.0	3850.9	3850.0	3850.0	3849.0
6°	3850.9	3850.9	3850.0	3850.0	3848.1
6.5°	3850.9	3851.9	3850.9	3850.0	3848.1
7°	3850.9	3851.9	3850.0	3850.0	3848.1
7.5°	3850.9	3851.9	3850.0	3849.0	3847.2
8°	3851.9	3851.9	3850.9	3849.0	3847.2
8.5°	3851.9	3852.8	3850.0	3849.0	3846.2
9°	3852.8	3852.8	3850.9	3848.1	3846.2
9.5°	3852.8	3853.7	3850.0	3848.1	3845.3
10°	3853.7	3853.7	3850.0	3847.2	3844.4
10.5°	3854.7	3854.7	3850.0	3847.2	3844.4
11°	3854.7	3854.7	3850.0	3846.2	3843.4
11.5°	3855.6	3855.6	3850.0	3845.3	3842.5
12°	3855.6	3855.6	3850.0	3845.3	3841.5
12.5°	3856.6	3855.6	3849.0	3844.4	3840.6
13°	3856.6	3855.6	3849.0	3843.4	3839.7
13.5°	3857.5	3856.6	3849.0	3842.5	3838.7
14°	3857.5	3856.6	3849.0	3841.5	3836.9
14.5°	3858.4	3856.6	3848.1	3840.6	3835.9
15°	3858.4	3857.5	3848.1	3839.7	3835.0
15.5°	3859.4	3857.5	3847.2	3837.8	3833.1
16°	3858.4	3857.5	3846.2	3836.9	3831.2
16.5°	3859.4	3857.5	3846.2	3835.0	3829.3
17°	3859.4	3856.6	3845.3	3833.1	3828.4
17.5°	3859.4	3856.6	3843.4	3832.2	3826.5
18°	3859.4	3856.6	3842.5	3830.3	3823.7
18.5°	3859.4	3855.6	3841.5	3828.4	3821.8
19°	3858.4	3855.6	3840.6	3826.5	3820.0
19.5°	3858.4	3854.7	3838.7	3823.7	3817.2
20°	3857.5	3853.7	3836.9	3821.8	3815.3
20.5°	3856.6	3852.8	3835.9	3820.0	3812.5
21°	3856.6	3851.9	3834.0	3817.2	3809.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	3852.8	3847.2	3827.5	3808.7	3800.3
23°	3850.9	3845.3	3824.7	3805.9	3797.5
23.5°	3849.0	3843.4	3821.8	3802.1	3793.7
24°	3847.2	3841.5	3819.0	3798.4	3789.9
24.5°	3845.3	3838.7	3816.2	3794.6	3786.2
25°	3842.5	3835.9	3812.5	3790.9	3782.4
25.5°	3839.7	3833.1	3808.7	3787.1	3777.8
26°	3836.9	3830.3	3805.0	3783.4	3774.0
26.5°	3834.0	3826.5	3801.2	3778.7	3769.3
27°	3830.3	3822.8	3796.5	3774.0	3764.6
27.5°	3826.5	3819.0	3791.8	3769.3	3759.9
28°	3822.8	3814.3	3787.1	3764.6	3755.2
28.5°	3818.1	3809.6	3782.4	3759.0	3749.6
29°	3813.4	3805.0	3776.8	3753.4	3744.0
29.5°	3808.7	3799.3	3771.2	3747.7	3737.4
30°	3803.1	3793.7	3764.6	3741.2	3730.8
30.5°	3797.5	3788.1	3758.1	3734.6	3725.2
31°	3790.9	3781.5	3751.5	3728.0	3717.7
31.5°	3785.3	3774.9	3744.0	3721.5	3711.1
32°	3777.8	3767.4	3737.4	3714.0	3703.6
32.5°	3770.2	3759.9	3729.0	3705.5	3695.2
33°	3762.7	3751.5	3720.5	3698.0	3686.8
33.5°	3754.3	3743.0	3712.1	3689.6	3678.3
34°	3744.9	3733.7	3702.7	3680.2	3669.9
34.5°	3735.5	3724.3	3693.3	3670.8	3660.5
35°	3726.2	3714.0	3683.0	3660.5	3650.2
35.5°	3715.8	3703.6	3672.7	3650.2	3639.8
36°	3705.5	3692.4	3661.4	3639.8	3628.6
36.5°	3693.3	3681.1	3650.2	3628.6	3618.3
37°	3681.1	3668.9	3638.0	3616.4	3606.1
37.5°	3668.9	3655.8	3625.8	3604.2	3592.9
38°	3655.8	3643.6	3612.6	3592.0	3580.7
38.5°	3642.7	3629.5	3598.6	3577.9	3567.6
39°	3628.6	3614.5	3584.5	3564.8	3553.5
39.5°	3613.6	3599.5	3570.4	3549.8	3539.5
40°	3597.6	3584.5	3554.5	3534.8	3524.5
40.5°	3582.6	3568.6	3538.5	3519.8	3508.5
41°	3565.7	3551.7	3522.6	3502.9	3491.6
41.5°	3547.9	3533.8	3504.8	3486.0	3474.7
42°	3530.1	3516.0	3486.9	3469.1	3456.9
42.5°	3511.3	3497.3	3468.2	3450.4	3439.1
43°	3492.6	3477.6	3449.4	3431.6	3420.3
43.5°	3472.9	3457.9	3429.7	3411.9	3400.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	3408.1	3393.1	3365.9	3350.0	3337.8
45.5°	3385.6	3369.7	3343.4	3327.5	3316.2
46°	3362.2	3346.2	3320.0	3304.0	3292.8
46.5°	3337.8	3321.8	3296.5	3280.6	3269.3
47°	3312.5	3297.4	3271.2	3257.1	3244.9
47.5°	3287.1	3271.2	3245.8	3231.8	3219.6
48°	3261.8	3244.9	3220.5	3205.5	3193.3
48.5°	3234.6	3218.6	3194.2	3180.2	3168.9
49°	3205.5	3190.5	3166.1	3151.1	3140.8
49.5°	3177.4	3162.4	3138.0	3123.9	3112.6
50°	3148.3	3132.3	3109.8	3095.7	3084.5
50.5°	3118.3	3102.3	3079.8	3065.7	3055.4
51°	3088.2	3072.3	3049.8	3035.7	3024.5
51.5°	3056.3	3040.4	3017.9	3004.8	2994.4
52°	3024.5	3008.5	2986.0	2973.8	2963.5
52.5°	2992.6	2976.6	2954.1	2941.0	2931.6
53°	2957.8	2942.8	2922.2	2910.0	2899.7
53.5°	2923.1	2908.1	2887.5	2875.3	2865.9
54°	2888.4	2873.4	2852.8	2840.6	2832.1
54.5°	2854.7	2838.7	2819.0	2806.8	2798.4
55°	2818.1	2803.1	2783.4	2771.2	2762.7
55.5°	2781.5	2766.5	2746.8	2734.6	2727.1
56°	2743.0	2728.9	2709.2	2698.9	2691.4
56.5°	2704.6	2691.4	2671.7	2661.4	2653.9
57°	2667.0	2653.0	2634.2	2624.8	2617.3
57.5°	2629.5	2614.5	2595.7	2586.4	2578.9
58°	2588.2	2574.2	2556.3	2547.0	2540.4
58.5°	2547.9	2534.8	2516.0	2507.6	2501.0
59°	2507.6	2494.4	2476.6	2468.2	2461.6
59.5°	2465.3	2453.1	2435.3	2426.9	2420.3
60°	2424.1	2410.9	2394.0	2386.5	2380.0
60.5°	2381.9	2370.6	2352.8	2345.3	2338.7
61°	2338.7	2327.4	2310.6	2303.0	2296.5
61.5°	2294.6	2285.2	2268.3	2260.8	2255.2
62°	2251.5	2242.1	2225.2	2218.6	2213.0
62.5°	2207.4	2198.0	2181.1	2174.5	2168.9
63°	2163.3	2153.9	2137.9	2131.4	2125.7
63.5°	2118.2	2108.9	2093.9	2087.3	2081.7
64°	2073.2	2063.8	2047.9	2043.2	2036.6
64.5°	2028.2	2018.8	2002.9	1998.2	1992.5
65°	1982.2	1974.7	1959.7	1954.1	1950.3
65.5°	1937.2	1927.8	1913.7	1909.0	1903.4
66°	1889.3	1881.8	1867.8	1863.1	1859.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1750.5	1742.1	1729.9	1725.2	1720.5
68°	1702.7	1695.2	1683.0	1679.2	1674.5
68.5°	1654.8	1647.3	1635.1	1632.3	1629.5
69°	1607.0	1599.5	1589.2	1586.3	1582.6
69.5°	1560.1	1552.6	1543.2	1540.4	1535.7
70°	1512.2	1505.7	1496.3	1493.5	1488.8
70.5°	1464.4	1457.8	1449.4	1446.6	1441.9
71°	1416.5	1410.9	1403.4	1399.7	1395.0
71.5°	1369.6	1364.0	1355.6	1352.7	1349.0
72°	1321.8	1317.1	1308.7	1306.8	1302.1
72.5°	1273.9	1270.2	1261.8	1259.9	1256.1
73°	1226.1	1222.4	1213.9	1212.0	1209.2
73.5°	1179.2	1175.4	1167.9	1165.1	1162.3
74°	1132.3	1129.5	1122.0	1120.1	1116.3
74.5°	1084.5	1082.6	1076.0	1073.2	1070.4
75°	1036.6	1036.6	1030.0	1028.2	1025.3
75.5°	990.6	990.6	984.1	982.2	979.4
76°	944.7	944.7	938.1	936.3	932.6
76.5°	898.2	898.6	893.1	891.1	888.0
77°	853.8	854.1	849.2	846.6	843.5
77.5°	806.2	808.5	804.3	802.1	799.0
78°	761.8	764.6	760.4	758.6	756.0
78.5°	720.0	721.8	719.1	716.9	713.2
79°	676.2	677.6	675.8	673.9	670.4
79.5°	633.0	635.4	634.2	632.5	628.3
80°	591.7	593.4	593.6	591.1	587.3
80.5°	548.1	551.6	552.2	549.6	547.7
81°	507.9	511.2	512.1	510.6	508.0
81.5°	468.3	472.1	473.0	472.1	468.8
82°	428.6	433.3	434.7	434.1	430.3
82.5°	390.7	396.0	397.5	396.9	393.4
83°	353.9	359.7	361.1	361.5	358.4
83.5°	318.4	323.8	325.6	326.2	322.7
84°	284.2	289.1	291.4	292.3	289.4
84.5°	251.8	255.7	258.4	259.7	258.3
85°	221.2	224.0	226.6	228.2	226.3
85.5°	191.6	193.8	195.7	198.3	196.7
86°	164.0	166.2	167.5	169.6	169.6
86.5°	137.7	138.7	139.8	142.2	142.2
87°	112.6	112.7	113.0	116.1	116.2
87.5°	86.9	87.6	88.0	90.7	91.7
88°	61.3	63.4	64.0	66.5	66.3
88.5°	43.3	43.3	43.2	45.8	46.3



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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°	0.8	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°	0.8	0.7	0.8	0.8	0.8
94°	0.8	0.8	0.8	0.8	0.9
94.5°	0.8	0.8	0.8	0.8	0.8
95°	0.8	0.7	0.8	0.8	0.9
95.5°	0.8	0.8	0.9	0.8	0.9
96°	1.0	1.0	0.8	0.8	0.9
96.5°	1.0	0.9	0.9	0.8	0.9
97°	1.0	0.9	1.0	0.8	1.1
97.5°	1.1	0.9	0.9	0.8	1.1
98°	1.2	1.0	1.0	1.0	1.2
98.5°	1.2	1.0	0.9	0.9	1.1
99°	1.1	1.1	1.0	0.9	1.0
99.5°	1.2	0.9	1.1	1.0	1.0
100°	1.2	1.1	1.1	1.1	1.2
100.5°	1.2	1.2	1.1	1.2	1.2
101°	1.3	1.1	1.1	1.1	1.1
101.5°	1.4	1.1	1.2	1.2	1.3
102°	1.5	1.2	1.3	1.2	1.3
102.5°	1.3	1.2	1.2	1.3	1.3
103°	1.3	1.1	1.3	1.2	1.3
103.5°	1.4	1.4	1.3	1.3	1.2
104°	1.6	1.4	1.4	1.3	1.2
104.5°	1.4	1.5	1.5	1.5	1.3
105°	1.7	1.5	1.4	1.6	1.6
105.5°	1.6	1.3	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-160-L940-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	2.3	2.3	2.4	2.3	2.2
113°	2.5	2.3	2.3	2.3	2.3
113.5°	2.5	2.5	2.5	2.6	2.6
114°	2.6	2.6	2.7	2.7	2.6
114.5°	2.8	2.8	2.7	2.7	2.5
115°	2.8	2.8	2.7	2.8	2.7
115.5°	3.1	2.8	3.0	2.9	2.7
116°	3.0	3.1	3.1	3.0	2.9
116.5°	3.2	3.2	3.2	3.2	3.1
117°	3.4	3.4	3.4	3.4	3.0
117.5°	3.6	3.4	3.5	3.4	3.2
118°	3.6	3.5	3.7	3.5	3.3
118.5°	3.8	3.7	3.7	3.6	3.5
119°	3.8	3.8	3.9	3.7	3.7
119.5°	3.9	3.9	3.9	3.8	3.8
120°	4.1	4.1	4.0	3.9	4.0
120.5°	4.2	4.0	4.2	4.1	4.0
121°	4.2	4.2	4.2	4.2	4.0
121.5°	4.7	4.5	4.4	4.2	4.2
122°	4.4	4.7	4.5	4.4	4.5
122.5°	4.8	4.7	4.6	4.6	4.4
123°	4.9	4.9	4.7	4.7	4.6
123.5°	4.9	5.1	4.8	4.6	4.8
124°	5.0	5.1	5.0	4.8	4.8
124.5°	5.3	5.1	5.0	4.9	4.9
125°	5.4	5.3	5.2	5.1	5.1
125.5°	5.4	5.3	5.2	5.1	5.2
126°	5.4	5.3	5.2	5.2	5.1
126.5°	5.3	5.3	5.4	5.2	5.3
127°	5.4	5.4	5.3	5.2	5.1
127.5°	5.6	5.5	5.4	5.2	5.1
128°	5.6	5.3	5.3	5.2	5.3
128.5°	5.4	5.4	5.3	5.1	5.3
129°	5.3	5.3	5.3	5.2	5.1
129.5°	5.3	5.3	5.3	5.2	5.2
130°	5.3	5.3	5.2	5.0	5.1
130.5°	5.4	5.3	5.3	4.8	5.1
131°	5.2	5.2	5.2	4.9	5.0
131.5°	5.3	5.1	4.9	4.8	4.9
132°	5.2	5.0	5.0	4.8	4.8
132.5°	5.2	5.0	4.9	4.8	4.9
133°	5.0	4.8	4.8	4.5	4.7
133.5°	5.1	4.8	4.6	4.4	4.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L940-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	4.9	4.6	4.4	4.3	4.7
135.5°	4.6	4.7	4.4	4.2	4.5
136°	4.5	4.4	4.2	4.0	4.5
136.5°	4.6	4.4	4.2	4.0	4.4
137°	4.5	4.3	4.2	4.0	4.3
137.5°	4.4	4.2	4.1	3.8	4.1
138°	4.3	4.1	3.9	3.8	4.1
138.5°	4.4	4.1	4.0	3.8	4.0
139°	3.8	4.0	3.9	3.6	4.1
139.5°	4.1	3.8	3.8	3.7	4.0
140°	4.0	3.8	3.8	3.6	3.8
140.5°	4.0	3.8	3.8	3.6	3.8
141°	3.8	3.8	3.7	3.4	3.6
141.5°	3.6	3.8	3.8	3.4	3.6
142°	3.5	3.5	3.7	3.5	3.3
142.5°	3.5	3.7	3.6	3.4	3.3
143°	3.7	3.6	3.6	3.5	3.3
143.5°	3.7	3.6	3.6	3.3	3.3
144°	3.7	3.4	3.7	3.2	3.4
144.5°	3.5	3.4	3.5	3.3	3.4
145°	3.6	3.4	3.5	3.1	3.4
145.5°	3.5	3.3	3.4	3.1	3.6
146°	3.5	3.3	3.2	3.1	3.4
146.5°	3.6	3.3	3.2	3.1	3.4
147°	3.5	3.3	3.1	3.2	3.2
147.5°	3.4	3.3	3.1	3.2	3.5
148°	3.5	3.3	3.2	3.1	3.5
148.5°	3.6	3.4	3.2	3.1	3.5
149°	3.5	3.3	3.2	3.1	3.5
149.5°	3.7	3.2	3.2	3.1	3.6
150°	3.6	3.4	3.2	3.1	3.5
150.5°	3.5	3.3	3.2	3.2	3.5
151°	3.7	3.3	3.1	3.2	3.7
151.5°	3.6	3.4	3.1	3.2	3.7
152°	3.7	3.4	3.3	3.4	3.5
152.5°	3.7	3.5	3.2	3.3	3.7
153°	3.6	3.4	3.3	3.5	3.8
153.5°	3.8	3.5	3.2	3.4	3.7
154°	3.7	3.5	3.4	3.4	3.7
154.5°	3.7	3.4	3.4	3.6	3.8
155°	3.5	3.5	3.5	3.6	3.8
155.5°	3.7	3.4	3.4	3.5	3.8
156°	3.5	3.5	3.5	3.5	3.8



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L940-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	3.5	3.3	3.4	3.6	3.7
158°	3.8	3.5	3.4	3.5	3.8
158.5°	3.6	3.5	3.3	3.5	3.7
159°	3.7	3.5	3.4	3.5	3.8
159.5°	3.6	3.4	3.4	3.5	3.9
160°	3.6	3.5	3.3	3.5	3.8
160.5°	3.5	3.4	3.4	3.6	3.8
161°	3.5	3.4	3.4	3.6	3.8
161.5°	3.6	3.5	3.4	3.4	3.6
162°	3.5	3.4	3.5	3.6	3.6
162.5°	3.7	3.6	3.5	3.5	3.7
163°	3.7	3.5	3.6	3.6	3.6
163.5°	3.6	3.5	3.6	3.6	3.8
164°	3.5	3.6	3.5	3.8	3.8
164.5°	3.4	3.7	3.6	3.8	3.8
165°	3.5	3.5	3.4	3.7	3.8
165.5°	3.3	3.5	3.4	3.9	3.8
166°	3.6	3.6	3.5	3.8	3.7
166.5°	3.6	3.5	3.4	3.8	3.5
167°	3.5	3.8	3.5	3.9	3.8
167.5°	3.6	3.8	3.6	4.0	3.8
168°	3.7	3.7	3.5	3.9	3.8
168.5°	3.6	3.8	3.7	4.2	3.8
169°	3.8	3.8	3.5	4.2	3.8
169.5°	3.8	3.8	3.6	4.1	3.9
170°	3.8	3.8	3.7	4.2	3.8
170.5°	3.8	3.9	3.7	4.2	4.0
171°	3.8	3.8	3.8	4.2	4.1
171.5°	3.8	3.8	3.8	4.3	3.9
172°	3.8	3.8	3.9	4.3	4.0
172.5°	3.9	3.9	4.0	4.3	4.0
173°	3.8	3.8	4.0	4.3	4.1
173.5°	4.0	3.9	4.1	4.2	4.2
174°	4.1	4.1	4.4	4.3	4.1
174.5°	4.1	4.3	4.3	4.5	4.3
175°	4.4	4.3	4.4	4.5	4.2
175.5°	4.4	4.3	4.6	4.4	4.4
176°	4.6	4.5	4.4	4.3	4.3
176.5°	4.7	4.4	4.5	4.1	4.3
177°	4.5	4.4	4.2	4.1	4.3
177.5°	4.6	4.4	4.1	4.0	4.4
178°	4.3	4.2	4.0	4.0	4.1
178.5°	4.2	4.1	3.9	3.9	3.9



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L940-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	3.7	3.7	3.7	3.7	3.7



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	3855.6	3850.9	3832.2	3814.3	3806.8
22°	3853.7	3849.0	3829.3	3811.5	3804.0



44°	3451.3	3437.2	3409.1	3392.2	3380.9
44.5°	3429.7	3414.7	3388.4	3370.6	3359.4



66.5°	1843.4	1835.9	1821.8	1817.1	1812.4
67°	1797.4	1789.0	1775.8	1771.1	1767.4



89°	27.4	26.9	26.6	28.0	28.4
89.5°	12.1	12.3	12.0	12.9	12.7



111.5°	2.3	2.1	2.2	2.2	2.1
112°	2.3	2.2	2.2	2.2	2.3



134°	4.8	4.7	4.6	4.5	4.8
134.5°	4.9	4.6	4.6	4.3	4.5



156.5°	3.7	3.4	3.5	3.6	3.7
157°	3.6	3.4	3.5	3.5	3.7



179°	4.0	3.9	3.8	3.8	4.0
179.5°	3.6	3.8	3.7	3.6	3.8



(END OF REPORT)