

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-L830-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-140-L830-CFR2
Description: 14000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS
AND 3000K CCT, 80CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

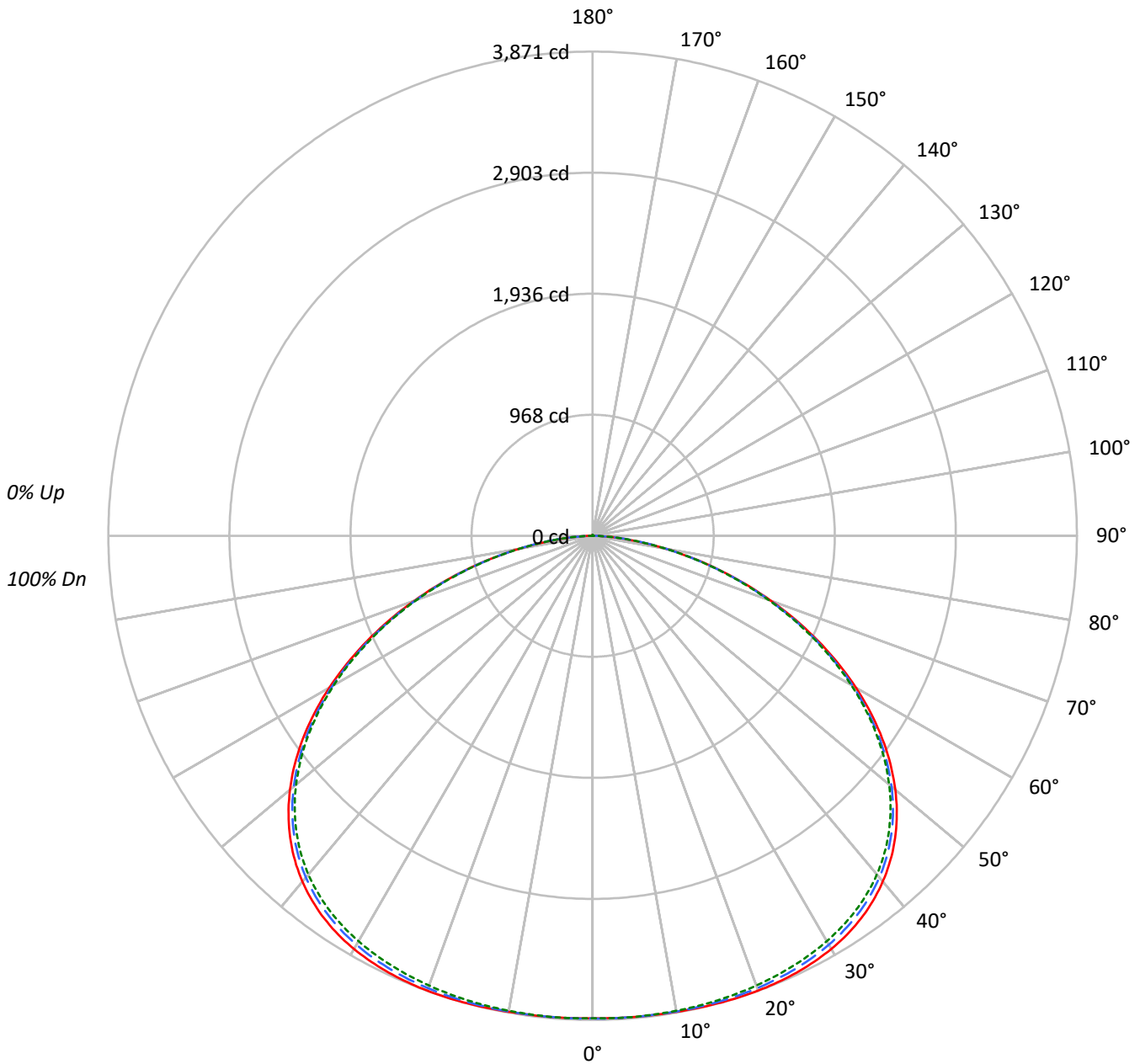
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13969.0 lumens
Efficiency: N/A
Efficacy: 116.4 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): 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					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°	2754	2754	2754
5°	2767	2767	2767
10°	2802	2799	2795
15°	2860	2853	2843
20°	2939	2924	2907
25°	3036	3012	2988
30°	3144	3113	3085
35°	3257	3219	3191
40°	3363	3323	3294
45°	3451	3409	3380
50°	3507	3464	3436
55°	3518	3475	3449
60°	3472	3429	3408
65°	3359	3320	3304
70°	3166	3133	3117
75°	2868	2850	2837
80°	2440	2448	2421
85°	1818	1861	1859



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	368.6	2.6
10°-20°	1093.4	7.8
20°-30°	1767.6	12.7
30°-40°	2315.2	16.6
40°-50°	2604.1	18.6
50°-60°	2491.9	17.8
60°-70°	1943.5	13.9
70°-80°	1095.3	7.8
80°-90°	271.0	1.9
90°-100°	1.0	0.0
100°-110°	1.6	0.0
110°-120°	2.9	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°	3229.6	23.1
0°-40°	5544.8	39.7
0°-60°	10640.8	76.2
0°-90°	13950.5	99.9
90°-120°	5.4	0.0
90°-150°	15.5	0.1
90°-180°	18.0	0.1
0°-180°	13969.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3858	3858	3858	3858	3858	
5°	3862	3862	3862	3862	3861	369
15°	3870	3869	3860	3851	3846	1097
25°	3854	3848	3824	3802	3794	1781
35°	3737	3725	3694	3672	3661	2340
45°	3418	3403	3376	3360	3348	2633
55°	2827	2812	2792	2780	2771	2519
65°	1988	1981	1966	1960	1956	1963
75°	1040	1040	1033	1031	1028	1102
85°	222	225	227	229	227	257
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	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°	3857.8	3857.8	3857.8	3857.8	3857.8
0.5°	3856.9	3859.7	3860.7	3859.7	3857.8
1°	3857.8	3859.7	3860.7	3860.7	3858.8
1.5°	3858.8	3860.7	3860.7	3860.7	3859.7
2°	3858.8	3860.7	3860.7	3861.6	3859.7
2.5°	3859.7	3861.6	3861.6	3861.6	3859.7
3°	3860.7	3861.6	3861.6	3861.6	3860.7
3.5°	3860.7	3861.6	3861.6	3861.6	3860.7
4°	3861.6	3861.6	3861.6	3861.6	3860.7
4.5°	3861.6	3862.5	3861.6	3861.6	3860.7
5°	3861.6	3862.5	3861.6	3861.6	3860.7
5.5°	3861.6	3862.5	3861.6	3861.6	3860.7
6°	3862.5	3862.5	3861.6	3861.6	3859.7
6.5°	3862.5	3863.5	3862.5	3861.6	3859.7
7°	3862.5	3863.5	3861.6	3861.6	3859.7
7.5°	3862.5	3863.5	3861.6	3860.7	3858.8
8°	3863.5	3863.5	3862.5	3860.7	3858.8
8.5°	3863.5	3864.4	3861.6	3860.7	3857.8
9°	3864.4	3864.4	3862.5	3859.7	3857.8
9.5°	3864.4	3865.4	3861.6	3859.7	3856.9
10°	3865.4	3865.4	3861.6	3858.8	3856.0
10.5°	3866.3	3866.3	3861.6	3858.8	3856.0
11°	3866.3	3866.3	3861.6	3857.8	3855.0
11.5°	3867.2	3867.2	3861.6	3856.9	3854.1
12°	3867.2	3867.2	3861.6	3856.9	3853.1
12.5°	3868.2	3867.2	3860.7	3856.0	3852.2
13°	3868.2	3867.2	3860.7	3855.0	3851.2
13.5°	3869.1	3868.2	3860.7	3854.1	3850.3
14°	3869.1	3868.2	3860.7	3853.1	3848.4
14.5°	3870.1	3868.2	3859.7	3852.2	3847.5
15°	3870.1	3869.1	3859.7	3851.2	3846.5
15.5°	3871.0	3869.1	3858.8	3849.4	3844.7
16°	3870.1	3869.1	3857.8	3848.4	3842.8
16.5°	3871.0	3869.1	3857.8	3846.5	3840.9
17°	3871.0	3868.2	3856.9	3844.7	3840.0
17.5°	3871.0	3868.2	3855.0	3843.7	3838.1
18°	3871.0	3868.2	3854.1	3841.8	3835.2
18.5°	3871.0	3867.2	3853.1	3840.0	3833.4
19°	3870.1	3867.2	3852.2	3838.1	3831.5
19.5°	3870.1	3866.3	3850.3	3835.2	3828.7
20°	3869.1	3865.4	3848.4	3833.4	3826.8
20.5°	3868.2	3864.4	3847.5	3831.5	3824.0
21°	3868.2	3863.5	3845.6	3828.7	3821.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	3864.4	3858.8	3839.0	3820.2	3811.7
23°	3862.5	3856.9	3836.2	3817.4	3808.9
23.5°	3860.7	3855.0	3833.4	3813.6	3805.1
24°	3858.8	3853.1	3830.5	3809.8	3801.4
24.5°	3856.9	3850.3	3827.7	3806.1	3797.6
25°	3854.1	3847.5	3824.0	3802.3	3793.8
25.5°	3851.2	3844.7	3820.2	3798.6	3789.1
26°	3848.4	3841.8	3816.4	3794.8	3785.4
26.5°	3845.6	3838.1	3812.7	3790.1	3780.7
27°	3841.8	3834.3	3808.0	3785.4	3776.0
27.5°	3838.1	3830.5	3803.3	3780.7	3771.3
28°	3834.3	3825.8	3798.6	3776.0	3766.6
28.5°	3829.6	3821.1	3793.8	3770.3	3760.9
29°	3824.9	3816.4	3788.2	3764.7	3755.3
29.5°	3820.2	3810.8	3782.6	3759.0	3748.7
30°	3814.5	3805.1	3776.0	3752.4	3742.1
30.5°	3808.9	3799.5	3769.4	3745.9	3736.5
31°	3802.3	3792.9	3762.8	3739.3	3728.9
31.5°	3796.7	3786.3	3755.3	3732.7	3722.3
32°	3789.1	3778.8	3748.7	3725.2	3714.8
32.5°	3781.6	3771.3	3740.2	3716.7	3706.3
33°	3774.1	3762.8	3731.7	3709.2	3697.9
33.5°	3765.6	3754.3	3723.3	3700.7	3689.4
34°	3756.2	3744.9	3713.9	3691.3	3680.9
34.5°	3746.8	3735.5	3704.5	3681.9	3671.5
35°	3737.4	3725.2	3694.1	3671.5	3661.2
35.5°	3727.0	3714.8	3683.8	3661.2	3650.8
36°	3716.7	3703.5	3672.5	3650.8	3639.5
36.5°	3704.5	3692.2	3661.2	3639.5	3629.2
37°	3692.2	3680.0	3648.9	3627.3	3617.0
37.5°	3680.0	3666.8	3636.7	3615.1	3603.8
38°	3666.8	3654.6	3623.5	3602.8	3591.5
38.5°	3653.6	3640.5	3609.4	3588.7	3578.4
39°	3639.5	3625.4	3595.3	3575.6	3564.3
39.5°	3624.5	3610.4	3581.2	3560.5	3550.1
40°	3608.5	3595.3	3565.2	3545.4	3535.1
40.5°	3593.4	3579.3	3549.2	3530.4	3519.1
41°	3576.5	3562.4	3533.2	3513.4	3502.2
41.5°	3558.6	3544.5	3515.3	3496.5	3485.2
42°	3540.7	3526.6	3497.5	3479.6	3467.3
42.5°	3521.9	3507.8	3478.6	3460.8	3449.5
43°	3503.1	3488.0	3459.8	3441.9	3430.6
43.5°	3483.3	3468.3	3440.1	3422.2	3410.9



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	3418.4	3403.4	3376.1	3360.1	3347.8
45.5°	3395.8	3379.8	3353.5	3337.5	3326.2
46°	3372.3	3356.3	3330.0	3314.0	3302.7
46.5°	3347.8	3331.8	3306.4	3290.4	3279.2
47°	3322.4	3307.4	3281.0	3266.9	3254.7
47.5°	3297.0	3281.0	3255.6	3241.5	3229.3
48°	3271.6	3254.7	3230.2	3215.2	3202.9
48.5°	3244.3	3228.3	3203.9	3189.8	3178.5
49°	3215.2	3200.1	3175.7	3160.6	3150.2
49.5°	3186.9	3171.9	3147.4	3133.3	3122.0
50°	3157.8	3141.8	3119.2	3105.1	3093.8
50.5°	3127.7	3111.7	3089.1	3075.0	3064.6
51°	3097.6	3081.6	3059.0	3044.9	3033.6
51.5°	3065.6	3049.6	3027.0	3013.8	3003.5
52°	3033.6	3017.6	2995.0	2982.8	2972.4
52.5°	3001.6	2985.6	2963.0	2949.8	2940.4
53°	2966.8	2951.7	2931.0	2918.8	2908.4
53.5°	2932.0	2916.9	2896.2	2884.0	2874.6
54°	2897.1	2882.1	2861.4	2849.2	2840.7
54.5°	2863.3	2847.3	2827.5	2815.3	2806.8
55°	2826.6	2811.5	2791.8	2779.5	2771.1
55.5°	2789.9	2774.8	2755.1	2742.8	2735.3
56°	2751.3	2737.2	2717.4	2707.1	2699.5
56.5°	2712.7	2699.5	2679.8	2669.4	2661.9
57°	2675.1	2661.0	2642.1	2632.7	2625.2
57.5°	2637.4	2622.4	2603.6	2594.2	2586.6
58°	2596.0	2581.9	2564.0	2554.6	2548.1
58.5°	2555.6	2542.4	2523.6	2515.1	2508.5
59°	2515.1	2501.9	2484.1	2475.6	2469.0
59.5°	2472.8	2460.5	2442.7	2434.2	2427.6
60°	2431.4	2418.2	2401.3	2393.7	2387.2
60.5°	2389.0	2377.7	2359.9	2352.3	2345.8
61°	2345.8	2334.5	2317.5	2310.0	2303.4
61.5°	2301.5	2292.1	2275.2	2267.7	2262.0
62°	2258.2	2248.8	2231.9	2225.3	2219.7
62.5°	2214.0	2204.6	2187.7	2181.1	2175.4
63°	2169.8	2160.4	2144.4	2137.8	2132.2
63.5°	2124.6	2115.2	2100.2	2093.6	2087.9
64°	2079.5	2070.1	2054.1	2049.4	2042.8
64.5°	2034.3	2024.9	2008.9	2004.2	1998.5
65°	1988.2	1980.7	1965.6	1960.0	1956.2
65.5°	1943.0	1933.6	1919.5	1914.8	1909.2
66°	1895.0	1887.5	1873.4	1868.7	1864.9



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1755.8	1747.3	1735.1	1730.4	1725.7
68°	1707.8	1700.3	1688.0	1684.3	1679.6
68.5°	1659.8	1652.3	1640.0	1637.2	1634.4
69°	1611.8	1604.3	1593.9	1591.1	1587.4
69.5°	1564.8	1557.2	1547.8	1545.0	1540.3
70°	1516.8	1510.2	1500.8	1498.0	1493.3
70.5°	1468.8	1462.2	1453.7	1450.9	1446.2
71°	1420.8	1415.2	1407.6	1403.9	1399.2
71.5°	1373.8	1368.1	1359.7	1356.8	1353.1
72°	1325.8	1321.1	1312.6	1310.7	1306.0
72.5°	1277.8	1274.0	1265.6	1263.7	1259.9
73°	1229.8	1226.0	1217.6	1215.7	1212.9
73.5°	1182.8	1179.0	1171.5	1168.6	1165.8
74°	1135.7	1132.9	1125.4	1123.5	1119.7
74.5°	1087.7	1085.8	1079.3	1076.4	1073.6
75°	1039.7	1039.7	1033.1	1031.3	1028.4
75.5°	993.6	993.6	987.0	985.2	982.3
76°	947.5	947.5	940.9	939.1	935.4
76.5°	900.9	901.3	895.8	893.8	890.7
77°	856.3	856.7	851.7	849.2	846.1
77.5°	808.6	810.9	806.8	804.5	801.4
78°	764.1	767.0	762.7	760.9	758.3
78.5°	722.2	724.0	721.2	719.1	715.4
79°	678.2	679.6	677.8	676.0	672.4
79.5°	634.9	637.3	636.1	634.4	630.2
80°	593.4	595.1	595.4	592.9	589.0
80.5°	549.8	553.3	553.8	551.3	549.3
81°	509.4	512.7	513.7	512.2	509.5
81.5°	469.7	473.6	474.4	473.6	470.2
82°	429.9	434.6	436.0	435.4	431.6
82.5°	391.9	397.2	398.7	398.1	394.6
83°	355.0	360.8	362.2	362.6	359.4
83.5°	319.4	324.8	326.6	327.2	323.7
84°	285.1	290.0	292.3	293.2	290.3
84.5°	252.5	256.5	259.2	260.5	259.0
85°	221.9	224.7	227.2	228.9	227.0
85.5°	192.1	194.4	196.3	198.9	197.3
86°	164.5	166.7	168.1	170.1	170.1
86.5°	138.1	139.2	140.2	142.6	142.6
87°	112.9	113.0	113.4	116.5	116.6
87.5°	87.1	87.9	88.3	91.0	91.9
88°	61.4	63.6	64.2	66.7	66.5
88.5°	43.5	43.5	43.4	45.9	46.5



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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-140-L830-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	2.3	2.4	2.4	2.4	2.2
113°	2.5	2.3	2.3	2.4	2.4
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°	3.9	3.7	3.7	3.6	3.5
119°	3.9	3.9	4.0	3.7	3.7
119.5°	4.0	4.0	4.0	3.9	3.8
120°	4.1	4.1	4.0	4.0	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°	5.5	5.3	5.2	5.1	5.1
125.5°	5.5	5.4	5.2	5.1	5.2
126°	5.5	5.3	5.2	5.2	5.1
126.5°	5.3	5.4	5.5	5.2	5.3
127°	5.5	5.5	5.3	5.2	5.1
127.5°	5.6	5.6	5.5	5.2	5.1
128°	5.6	5.4	5.4	5.2	5.3
128.5°	5.5	5.5	5.3	5.1	5.3
129°	5.4	5.4	5.3	5.2	5.1
129.5°	5.3	5.4	5.3	5.2	5.2
130°	5.3	5.4	5.2	5.0	5.1
130.5°	5.5	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-140-L830-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	3.9	4.1
138°	4.3	4.1	4.0	3.9	4.1
138.5°	4.4	4.1	4.0	3.8	4.0
139°	3.9	4.0	4.0	3.6	4.1
139.5°	4.1	3.9	3.8	3.7	4.0
140°	4.0	3.8	3.9	3.6	3.8
140.5°	4.0	3.8	3.8	3.6	3.8
141°	3.9	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°	3.9	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	3.9
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-140-L830-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	3.9
159.5°	3.6	3.4	3.4	3.5	4.0
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	3.9
164°	3.5	3.6	3.5	3.8	3.8
164.5°	3.4	3.7	3.6	3.8	3.9
165°	3.5	3.5	3.4	3.7	3.8
165.5°	3.3	3.5	3.4	4.0	3.8
166°	3.6	3.6	3.5	3.8	3.7
166.5°	3.6	3.5	3.4	3.9	3.5
167°	3.5	3.8	3.5	4.0	3.9
167.5°	3.6	3.8	3.6	4.0	3.9
168°	3.7	3.7	3.5	4.0	3.8
168.5°	3.6	3.9	3.7	4.2	3.9
169°	3.9	3.8	3.5	4.2	3.9
169.5°	3.8	3.8	3.6	4.1	4.0
170°	3.9	3.8	3.7	4.2	3.9
170.5°	3.9	4.0	3.7	4.2	4.0
171°	3.9	3.9	3.9	4.2	4.1
171.5°	3.8	3.9	3.9	4.3	4.0
172°	3.8	3.9	4.0	4.3	4.0
172.5°	4.0	4.0	4.0	4.3	4.0
173°	3.8	3.8	4.0	4.3	4.1
173.5°	4.0	4.0	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	4.0	4.0	4.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L830-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°	3867.2	3862.5	3843.7	3825.8	3818.3
22°	3865.4	3860.7	3840.9	3823.0	3815.5



44°	3461.7	3447.6	3419.4	3402.4	3391.1
44.5°	3440.1	3425.0	3398.7	3380.8	3369.5



66.5°	1848.9	1841.4	1827.3	1822.6	1817.9
67°	1802.8	1794.4	1781.2	1776.5	1772.7



89°	27.5	27.0	26.7	28.1	28.5
89.5°	12.1	12.3	12.0	12.9	12.7



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



134°	4.8	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	4.0	3.8	3.9	4.0
179.5°	3.6	3.8	3.7	3.6	3.9



(END OF REPORT)