

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-L840-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-L840-CFD2
Description: 14000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS
AND 4000K CCT, 80CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

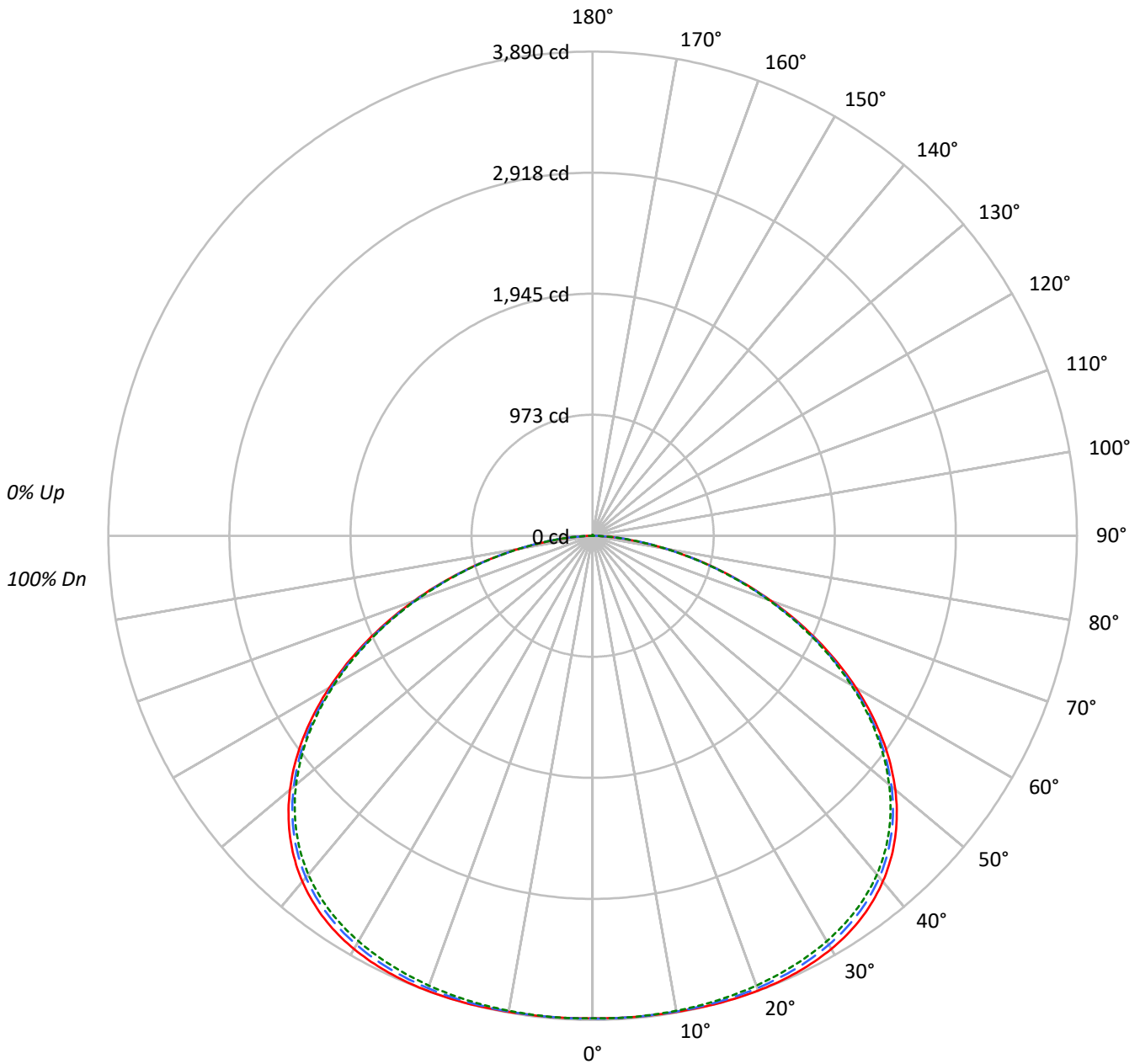
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14038.0 lumens
Efficiency: N/A
Efficacy: 117.0 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°	2768	2768	2768
5°	2771	2766	2770
10°	2795	2783	2788
15°	2842	2821	2824
20°	2908	2875	2877
25°	2991	2944	2944
30°	3084	3022	3025
35°	3178	3103	3113
40°	3262	3177	3196
45°	3326	3229	3257
50°	3353	3247	3285
55°	3331	3213	3266
60°	3247	3118	3188
65°	3091	2952	3041
70°	2846	2698	2802
75°	2484	2335	2457
80°	1972	1830	1957
85°	1225	1105	1253



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	370.4	2.6
10°-20°	1098.8	7.8
20°-30°	1776.3	12.7
30°-40°	2326.6	16.6
40°-50°	2617.0	18.6
50°-60°	2504.2	17.8
60°-70°	1953.1	13.9
70°-80°	1100.7	7.8
80°-90°	272.4	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°	3245.6	23.1
0°-40°	5572.2	39.7
0°-60°	10693.4	76.2
0°-90°	14019.5	99.9
90°-120°	5.4	0.0
90°-150°	15.5	0.1
90°-180°	19.0	0.1
0°-180°	14038.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3877	3877	3877	3877	3877	
5°	3881	3882	3881	3881	3880	371
15°	3889	3888	3879	3870	3866	1102
25°	3873	3866	3843	3821	3813	1790
35°	3756	3744	3712	3690	3679	2351
45°	3435	3420	3393	3377	3364	2646
55°	2840	2825	2806	2793	2785	2532
65°	1998	1990	1975	1970	1966	1972
75°	1045	1045	1038	1036	1034	1107
85°	223	226	228	230	228	259
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°	3876.9	3876.9	3876.9	3876.9	3876.9
0.5°	3875.9	3878.8	3879.7	3878.8	3876.9
1°	3876.9	3878.8	3879.7	3879.7	3877.8
1.5°	3877.8	3879.7	3879.7	3879.7	3878.8
2°	3877.8	3879.7	3879.7	3880.7	3878.8
2.5°	3878.8	3880.7	3880.7	3880.7	3878.8
3°	3879.7	3880.7	3880.7	3880.7	3879.7
3.5°	3879.7	3880.7	3880.7	3880.7	3879.7
4°	3880.7	3880.7	3880.7	3880.7	3879.7
4.5°	3880.7	3881.6	3880.7	3880.7	3879.7
5°	3880.7	3881.6	3880.7	3880.7	3879.7
5.5°	3880.7	3881.6	3880.7	3880.7	3879.7
6°	3881.6	3881.6	3880.7	3880.7	3878.8
6.5°	3881.6	3882.6	3881.6	3880.7	3878.8
7°	3881.6	3882.6	3880.7	3880.7	3878.8
7.5°	3881.6	3882.6	3880.7	3879.7	3877.8
8°	3882.6	3882.6	3881.6	3879.7	3877.8
8.5°	3882.6	3883.5	3880.7	3879.7	3876.9
9°	3883.5	3883.5	3881.6	3878.8	3876.9
9.5°	3883.5	3884.5	3880.7	3878.8	3875.9
10°	3884.5	3884.5	3880.7	3877.8	3875.0
10.5°	3885.4	3885.4	3880.7	3877.8	3875.0
11°	3885.4	3885.4	3880.7	3876.9	3874.1
11.5°	3886.3	3886.3	3880.7	3875.9	3873.1
12°	3886.3	3886.3	3880.7	3875.9	3872.2
12.5°	3887.3	3886.3	3879.7	3875.0	3871.2
13°	3887.3	3886.3	3879.7	3874.1	3870.3
13.5°	3888.2	3887.3	3879.7	3873.1	3869.3
14°	3888.2	3887.3	3879.7	3872.2	3867.4
14.5°	3889.2	3887.3	3878.8	3871.2	3866.5
15°	3889.2	3888.2	3878.8	3870.3	3865.5
15.5°	3890.1	3888.2	3877.8	3868.4	3863.6
16°	3889.2	3888.2	3876.9	3867.4	3861.8
16.5°	3890.1	3888.2	3876.9	3865.5	3859.9
17°	3890.1	3887.3	3875.9	3863.6	3858.9
17.5°	3890.1	3887.3	3874.1	3862.7	3857.0
18°	3890.1	3887.3	3873.1	3860.8	3854.2
18.5°	3890.1	3886.3	3872.2	3858.9	3852.3
19°	3889.2	3886.3	3871.2	3857.0	3850.4
19.5°	3889.2	3885.4	3869.3	3854.2	3847.6
20°	3888.2	3884.5	3867.4	3852.3	3845.7
20.5°	3887.3	3883.5	3866.5	3850.4	3842.8
21°	3887.3	3882.6	3864.6	3847.6	3840.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	3883.5	3877.8	3858.0	3839.1	3830.6
23°	3881.6	3875.9	3855.1	3836.2	3827.7
23.5°	3879.7	3874.1	3852.3	3832.4	3823.9
24°	3877.8	3872.2	3849.5	3828.7	3820.2
24.5°	3875.9	3869.3	3846.6	3824.9	3816.4
25°	3873.1	3866.5	3842.8	3821.1	3812.6
25.5°	3870.3	3863.6	3839.1	3817.3	3807.9
26°	3867.4	3860.8	3835.3	3813.5	3804.1
26.5°	3864.6	3857.0	3831.5	3808.8	3799.4
27°	3860.8	3853.2	3826.8	3804.1	3794.6
27.5°	3857.0	3849.5	3822.0	3799.4	3789.9
28°	3853.2	3844.7	3817.3	3794.6	3785.2
28.5°	3848.5	3840.0	3812.6	3788.9	3779.5
29°	3843.8	3835.3	3806.9	3783.3	3773.8
29.5°	3839.1	3829.6	3801.2	3777.6	3767.2
30°	3833.4	3823.9	3794.6	3771.0	3760.6
30.5°	3827.7	3818.3	3788.0	3764.4	3754.9
31°	3821.1	3811.6	3781.4	3757.7	3747.3
31.5°	3815.4	3805.0	3773.8	3751.1	3740.7
32°	3807.9	3797.5	3767.2	3743.6	3733.2
32.5°	3800.3	3789.9	3758.7	3735.1	3724.6
33°	3792.7	3781.4	3750.2	3727.5	3716.1
33.5°	3784.2	3772.9	3741.7	3719.0	3707.6
34°	3774.8	3763.4	3732.2	3709.5	3699.1
34.5°	3765.3	3754.0	3722.8	3700.1	3689.7
35°	3755.9	3743.6	3712.4	3689.7	3679.3
35.5°	3745.5	3733.2	3702.0	3679.3	3668.9
36°	3735.1	3721.8	3690.6	3668.9	3657.5
36.5°	3722.8	3710.5	3679.3	3657.5	3647.1
37°	3710.5	3698.2	3667.0	3645.2	3634.8
37.5°	3698.2	3684.9	3654.7	3632.9	3621.6
38°	3684.9	3672.6	3641.4	3620.6	3609.3
38.5°	3671.7	3658.5	3627.3	3606.5	3596.0
39°	3657.5	3643.3	3613.1	3593.2	3581.9
39.5°	3642.4	3628.2	3598.9	3578.1	3567.7
40°	3626.3	3613.1	3582.8	3563.0	3552.6
40.5°	3611.2	3597.0	3566.7	3547.8	3536.5
41°	3594.2	3580.0	3550.7	3530.8	3519.5
41.5°	3576.2	3562.0	3532.7	3513.8	3502.4
42°	3558.2	3544.0	3514.7	3496.8	3484.5
42.5°	3539.3	3525.1	3495.8	3477.9	3466.5
43°	3520.4	3505.3	3476.9	3458.9	3447.6
43.5°	3500.5	3485.4	3457.0	3439.1	3427.7



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	3435.3	3420.2	3392.7	3376.7	3364.4
45.5°	3412.6	3396.5	3370.1	3354.0	3342.6
46°	3389.0	3372.9	3346.4	3330.3	3319.0
46.5°	3364.4	3348.3	3322.8	3306.7	3295.4
47°	3338.9	3323.7	3297.2	3283.1	3270.8
47.5°	3313.3	3297.2	3271.7	3257.5	3245.2
48°	3287.8	3270.8	3246.2	3231.1	3218.8
48.5°	3260.4	3244.3	3219.7	3205.5	3194.2
49°	3231.1	3215.9	3191.3	3176.2	3165.8
49.5°	3202.7	3187.6	3163.0	3148.8	3137.4
50°	3173.4	3157.3	3134.6	3120.4	3109.1
50.5°	3143.1	3127.0	3104.3	3090.2	3079.8
51°	3112.9	3096.8	3074.1	3059.9	3048.6
51.5°	3080.7	3064.6	3041.9	3028.7	3018.3
52°	3048.6	3032.5	3009.8	2997.5	2987.1
52.5°	3016.4	3000.3	2977.6	2964.4	2954.9
53°	2981.4	2966.3	2945.5	2933.2	2922.8
53.5°	2946.4	2931.3	2910.5	2898.2	2888.8
54°	2911.4	2896.3	2875.5	2863.2	2854.7
54.5°	2877.4	2861.3	2841.5	2829.2	2820.7
55°	2840.5	2825.4	2805.5	2793.3	2784.7
55.5°	2803.7	2788.5	2768.7	2756.4	2748.8
56°	2764.9	2750.7	2730.8	2720.4	2712.9
56.5°	2726.1	2712.9	2693.0	2682.6	2675.1
57°	2688.3	2674.1	2655.2	2645.7	2638.2
57.5°	2650.5	2635.3	2616.4	2607.0	2599.4
58°	2608.9	2594.7	2576.7	2567.3	2560.6
58.5°	2568.2	2555.0	2536.1	2527.5	2520.9
59°	2527.5	2514.3	2496.3	2487.8	2481.2
59.5°	2485.0	2472.7	2454.7	2446.2	2439.6
60°	2443.4	2430.1	2413.1	2405.6	2398.9
60.5°	2400.8	2389.5	2371.5	2364.0	2357.3
61°	2357.3	2346.0	2329.0	2321.4	2314.8
61.5°	2312.9	2303.4	2286.4	2278.9	2273.2
62°	2269.4	2259.9	2242.9	2236.3	2230.6
62.5°	2225.0	2215.5	2198.5	2191.9	2186.2
63°	2180.5	2171.1	2155.0	2148.4	2142.7
63.5°	2135.1	2125.7	2110.5	2103.9	2098.2
64°	2089.7	2080.3	2064.2	2059.5	2052.9
64.5°	2044.3	2034.9	2018.8	2014.1	2008.4
65°	1998.0	1990.5	1975.3	1969.6	1965.9
65.5°	1952.6	1943.2	1929.0	1924.3	1918.6
66°	1904.4	1896.8	1882.7	1877.9	1874.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1764.5	1755.9	1743.7	1738.9	1734.2
68°	1716.2	1708.7	1696.4	1692.6	1687.9
68.5°	1668.0	1660.4	1648.2	1645.3	1642.5
69°	1619.8	1612.2	1601.8	1599.0	1595.2
69.5°	1572.5	1564.9	1555.5	1552.6	1547.9
70°	1524.3	1517.7	1508.2	1505.4	1500.6
70.5°	1476.1	1469.4	1460.9	1458.1	1453.4
71°	1427.8	1422.2	1414.6	1410.8	1406.1
71.5°	1380.6	1374.9	1366.4	1363.5	1359.7
72°	1332.3	1327.6	1319.1	1317.2	1312.5
72.5°	1284.1	1280.3	1271.8	1269.9	1266.1
73°	1235.9	1232.1	1223.6	1221.7	1218.9
73.5°	1188.6	1184.8	1177.3	1174.4	1171.6
74°	1141.3	1138.5	1130.9	1129.0	1125.2
74.5°	1093.1	1091.2	1084.6	1081.7	1078.9
75°	1044.9	1044.9	1038.2	1036.4	1033.5
75.5°	998.5	998.5	991.9	990.0	987.2
76°	952.2	952.2	945.6	943.8	940.0
76.5°	905.4	905.8	900.2	898.2	895.1
77°	860.6	861.0	855.9	853.4	850.3
77.5°	812.6	814.9	810.7	808.5	805.4
78°	767.9	770.7	766.5	764.7	762.0
78.5°	725.7	727.5	724.8	722.6	718.9
79°	681.6	683.0	681.2	679.3	675.7
79.5°	638.1	640.4	639.2	637.5	633.4
80°	596.4	598.1	598.4	595.8	591.9
80.5°	552.5	556.0	556.6	554.0	552.0
81°	511.9	515.2	516.2	514.7	512.0
81.5°	472.0	475.9	476.8	475.9	472.5
82°	432.0	436.8	438.2	437.5	433.7
82.5°	393.8	399.1	400.6	400.1	396.6
83°	356.8	362.5	364.0	364.4	361.2
83.5°	320.9	326.4	328.2	328.8	325.3
84°	286.5	291.4	293.7	294.6	291.7
84.5°	253.8	257.8	260.5	261.7	260.3
85°	223.0	225.8	228.4	230.1	228.1
85.5°	193.1	195.4	197.2	199.9	198.3
86°	165.3	167.6	168.9	171.0	171.0
86.5°	138.8	139.9	140.9	143.4	143.4
87°	113.5	113.6	113.9	117.1	117.2
87.5°	87.6	88.3	88.7	91.4	92.4
88°	61.7	63.9	64.5	67.0	66.9
88.5°	43.7	43.7	43.6	46.1	46.7



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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	0.9
94.5°	0.9	0.9	0.8	0.9	0.9
95°	0.9	0.7	0.9	0.8	0.9
95.5°	0.8	0.9	0.9	0.9	0.9
96°	1.0	1.0	0.9	0.9	0.9
96.5°	1.0	0.9	0.9	0.9	0.9
97°	1.0	0.9	1.0	0.9	1.1
97.5°	1.1	0.9	0.9	0.9	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-L840-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	2.6	2.6
114°	2.6	2.6	2.7	2.7	2.6
114.5°	2.8	2.8	2.7	2.7	2.6
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°	4.2	4.2	4.1	4.0	4.1
120.5°	4.3	4.1	4.3	4.2	4.1
121°	4.3	4.3	4.3	4.3	4.1
121.5°	4.7	4.5	4.4	4.3	4.3
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°	5.7	5.6	5.5	5.2	5.1
128°	5.7	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-L840-CFD2

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	4.3	4.5
136°	4.5	4.4	4.3	4.1	4.5
136.5°	4.6	4.4	4.3	4.1	4.4
137°	4.5	4.3	4.3	4.1	4.3
137.5°	4.4	4.3	4.2	3.9	4.2
138°	4.3	4.2	4.0	3.9	4.2
138.5°	4.4	4.2	4.1	3.8	4.1
139°	3.9	4.1	4.0	3.6	4.2
139.5°	4.2	3.9	3.8	3.7	4.1
140°	4.1	3.8	3.9	3.6	3.8
140.5°	4.1	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-L840-CFD2

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	4.1	3.9
168°	3.7	3.7	3.5	4.0	3.8
168.5°	3.6	3.9	3.7	4.3	3.9
169°	3.9	3.8	3.5	4.3	3.9
169.5°	3.8	3.8	3.6	4.2	4.0
170°	3.9	3.8	3.7	4.3	3.9
170.5°	3.9	4.0	3.7	4.3	4.1
171°	3.9	3.9	3.9	4.3	4.2
171.5°	3.8	3.9	3.9	4.3	4.0
172°	3.8	3.9	4.0	4.3	4.1
172.5°	4.0	4.0	4.1	4.3	4.1
173°	3.8	3.8	4.1	4.3	4.2
173.5°	4.1	4.0	4.2	4.3	4.3
174°	4.2	4.2	4.4	4.3	4.2
174.5°	4.2	4.3	4.3	4.5	4.3
175°	4.4	4.3	4.4	4.5	4.3
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	4.2	4.3
177°	4.5	4.4	4.3	4.2	4.3
177.5°	4.6	4.4	4.2	4.1	4.4
178°	4.3	4.3	4.1	4.1	4.2
178.5°	4.3	4.2	4.0	4.0	4.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L840-CFD2

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°	3886.3	3881.6	3862.7	3844.7	3837.2
22°	3884.5	3879.7	3859.9	3841.9	3834.3



44°	3478.8	3464.6	3436.2	3419.2	3407.9
44.5°	3457.0	3441.9	3415.4	3397.5	3386.1



66.5°	1858.1	1850.5	1836.3	1831.6	1826.9
67°	1811.7	1803.2	1790.0	1785.3	1781.5



89°	27.6	27.1	26.9	28.3	28.7
89.5°	12.2	12.4	12.1	13.0	12.8



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°	4.1	4.0	3.8	3.9	4.1
179.5°	3.6	3.8	3.7	3.6	3.9



(END OF REPORT)