

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-L950-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-L950-CFR2
Description: 14000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS
AND 5000K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

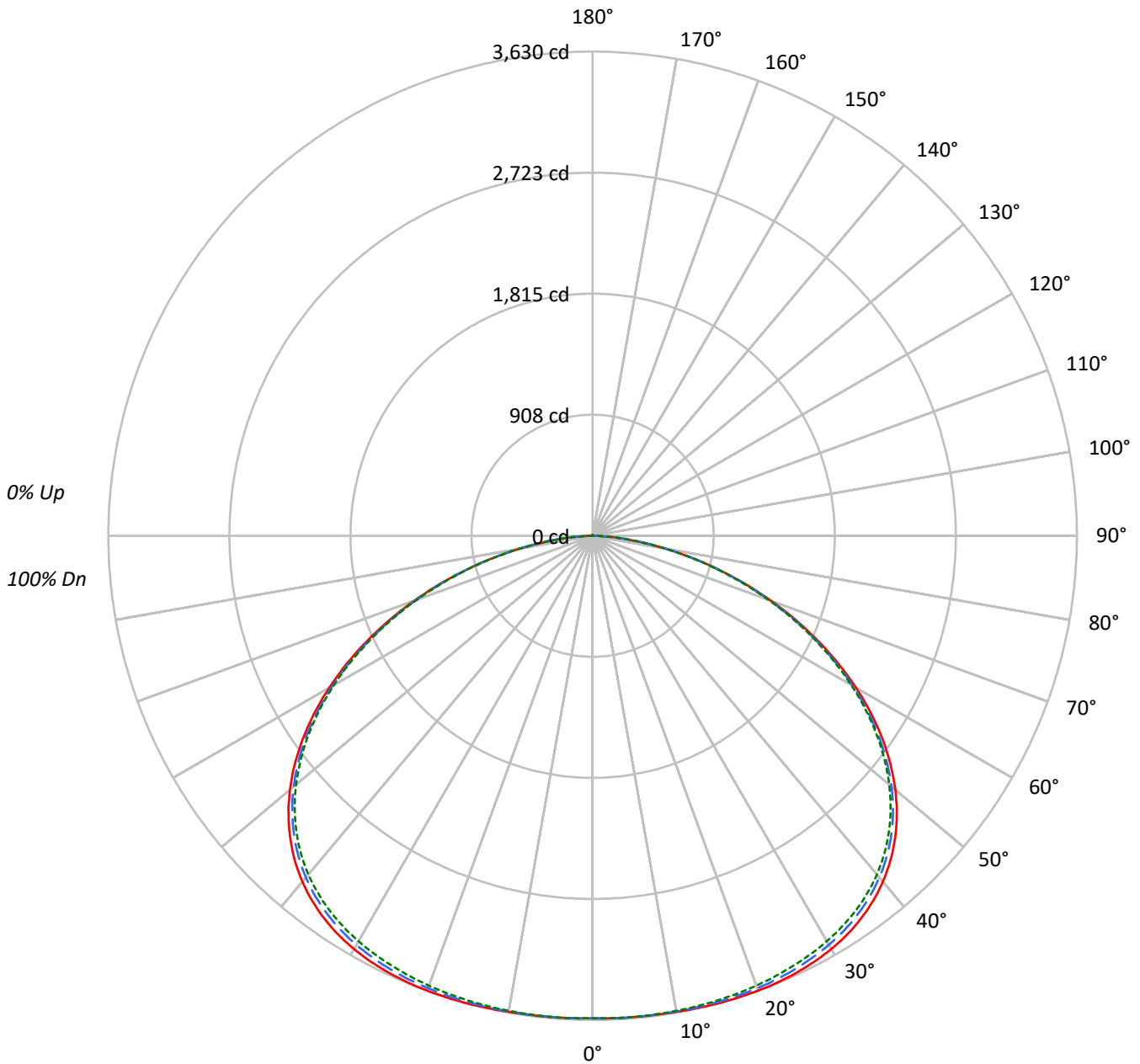
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13101.0 lumens
Efficiency: N/A
Efficacy: 109.2 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 (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					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°	2583	2583	2583
5°	2595	2595	2595
10°	2628	2625	2622
15°	2683	2675	2666
20°	2757	2742	2727
25°	2847	2825	2803
30°	2949	2919	2893
35°	3055	3019	2992
40°	3154	3116	3090
45°	3237	3197	3170
50°	3289	3249	3223
55°	3299	3259	3235
60°	3256	3216	3197
65°	3150	3114	3099
70°	2969	2938	2923
75°	2690	2673	2660
80°	2288	2296	2271
85°	1705	1746	1744



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	345.7	2.6
10°-20°	1025.5	7.8
20°-30°	1657.7	12.7
30°-40°	2171.3	16.6
40°-50°	2442.3	18.6
50°-60°	2337.0	17.8
60°-70°	1822.7	13.9
70°-80°	1027.2	7.8
80°-90°	254.2	1.9
90°-100°	0.9	0.0
100°-110°	1.5	0.0
110°-120°	2.7	0.0
120°-130°	4.2	0.0
130°-140°	3.3	0.0
140°-150°	2.0	0.0
150°-160°	1.5	0.0
160°-170°	1.0	0.0
170°-180°	0.4	0.0
0°-30°	3028.9	23.1
0°-40°	5200.2	39.7
0°-60°	9979.6	76.2
0°-90°	13083.7	99.9
90°-120°	5.0	0.0
90°-150°	14.5	0.1
90°-180°	17.0	0.1
0°-180°	13101.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3618	3618	3618	3618	3618	
5°	3622	3622	3622	3622	3621	346
15°	3630	3629	3620	3612	3608	1029
25°	3615	3608	3586	3566	3558	1671
35°	3505	3494	3465	3443	3434	2194
45°	3206	3192	3166	3151	3140	2470
55°	2651	2637	2618	2607	2599	2363
65°	1865	1858	1844	1838	1835	1841
75°	975	975	969	967	964	1033
85°	208	211	213	215	213	241
90°	2	2	2	2	2	10
95°	1	1	1	1	1	1
105°	2	1	1	2	2	2
115°	3	3	3	3	3	3
125°	5	5	5	5	5	4
135°	5	4	4	4	4	3
145°	3	3	3	3	3	2
155°	3	3	3	3	4	2
165°	3	3	3	3	4	1
175°	4	4	4	4	4	0
180°	3	3	3	3	3	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3618.1	3618.1	3618.1	3618.1	3618.1
0.5°	3617.2	3619.9	3620.8	3619.9	3618.1
1°	3618.1	3619.9	3620.8	3620.8	3619.0
1.5°	3619.0	3620.8	3620.8	3620.8	3619.9
2°	3619.0	3620.8	3620.8	3621.6	3619.9
2.5°	3619.9	3621.6	3621.6	3621.6	3619.9
3°	3620.8	3621.6	3621.6	3621.6	3620.8
3.5°	3620.8	3621.6	3621.6	3621.6	3620.8
4°	3621.6	3621.6	3621.6	3621.6	3620.8
4.5°	3621.6	3622.5	3621.6	3621.6	3620.8
5°	3621.6	3622.5	3621.6	3621.6	3620.8
5.5°	3621.6	3622.5	3621.6	3621.6	3620.8
6°	3622.5	3622.5	3621.6	3621.6	3619.9
6.5°	3622.5	3623.4	3622.5	3621.6	3619.9
7°	3622.5	3623.4	3621.6	3621.6	3619.9
7.5°	3622.5	3623.4	3621.6	3620.8	3619.0
8°	3623.4	3623.4	3622.5	3620.8	3619.0
8.5°	3623.4	3624.3	3621.6	3620.8	3618.1
9°	3624.3	3624.3	3622.5	3619.9	3618.1
9.5°	3624.3	3625.2	3621.6	3619.9	3617.2
10°	3625.2	3625.2	3621.6	3619.0	3616.4
10.5°	3626.1	3626.1	3621.6	3619.0	3616.4
11°	3626.1	3626.1	3621.6	3618.1	3615.5
11.5°	3626.9	3626.9	3621.6	3617.2	3614.6
12°	3626.9	3626.9	3621.6	3617.2	3613.7
12.5°	3627.8	3626.9	3620.8	3616.4	3612.8
13°	3627.8	3626.9	3620.8	3615.5	3611.9
13.5°	3628.7	3627.8	3620.8	3614.6	3611.1
14°	3628.7	3627.8	3620.8	3613.7	3609.3
14.5°	3629.6	3627.8	3619.9	3612.8	3608.4
15°	3629.6	3628.7	3619.9	3611.9	3607.5
15.5°	3630.5	3628.7	3619.0	3610.2	3605.8
16°	3629.6	3628.7	3618.1	3609.3	3604.0
16.5°	3630.5	3628.7	3618.1	3607.5	3602.2
17°	3630.5	3627.8	3617.2	3605.8	3601.3
17.5°	3630.5	3627.8	3615.5	3604.9	3599.6
18°	3630.5	3627.8	3614.6	3603.1	3596.9
18.5°	3630.5	3626.9	3613.7	3601.3	3595.2
19°	3629.6	3626.9	3612.8	3599.6	3593.4
19.5°	3629.6	3626.1	3611.1	3596.9	3590.8
20°	3628.7	3625.2	3609.3	3595.2	3589.0
20.5°	3627.8	3624.3	3608.4	3593.4	3586.3
21°	3627.8	3623.4	3606.6	3590.8	3583.7



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	3624.3	3619.0	3600.5	3582.8	3574.9
23°	3622.5	3617.2	3597.8	3580.2	3572.2
23.5°	3620.8	3615.5	3595.2	3576.6	3568.7
24°	3619.0	3613.7	3592.5	3573.1	3565.2
24.5°	3617.2	3611.1	3589.9	3569.6	3561.6
25°	3614.6	3608.4	3586.3	3566.1	3558.1
25.5°	3611.9	3605.8	3582.8	3562.5	3553.7
26°	3609.3	3603.1	3579.3	3559.0	3550.2
26.5°	3606.6	3599.6	3575.8	3554.6	3545.8
27°	3603.1	3596.1	3571.3	3550.2	3541.3
27.5°	3599.6	3592.5	3566.9	3545.8	3536.9
28°	3596.1	3588.1	3562.5	3541.3	3532.5
28.5°	3591.6	3583.7	3558.1	3536.0	3527.2
29°	3587.2	3579.3	3552.8	3530.8	3521.9
29.5°	3582.8	3574.0	3547.5	3525.5	3515.7
30°	3577.5	3568.7	3541.3	3519.3	3509.6
30.5°	3572.2	3563.4	3535.2	3513.1	3504.3
31°	3566.1	3557.2	3529.0	3506.9	3497.2
31.5°	3560.8	3551.0	3521.9	3500.7	3491.0
32°	3553.7	3544.0	3515.7	3493.7	3484.0
32.5°	3546.6	3536.9	3507.8	3485.7	3476.0
33°	3539.6	3529.0	3499.9	3478.7	3468.1
33.5°	3531.6	3521.0	3491.9	3470.7	3460.2
34°	3522.8	3512.2	3483.1	3461.9	3452.2
34.5°	3514.0	3503.4	3474.3	3453.1	3443.4
35°	3505.2	3493.7	3464.6	3443.4	3433.7
35.5°	3495.5	3484.0	3454.9	3433.7	3424.0
36°	3485.7	3473.4	3444.3	3424.0	3413.4
36.5°	3474.3	3462.8	3433.7	3413.4	3403.7
37°	3462.8	3451.3	3422.2	3401.9	3392.2
37.5°	3451.3	3439.0	3410.7	3390.4	3379.8
38°	3439.0	3427.5	3398.4	3379.0	3368.4
38.5°	3426.6	3414.3	3385.1	3365.7	3356.0
39°	3413.4	3400.1	3371.9	3353.4	3342.8
39.5°	3399.3	3386.0	3358.7	3339.3	3329.5
40°	3384.3	3371.9	3343.7	3325.1	3315.4
40.5°	3370.1	3356.9	3328.7	3311.0	3300.4
41°	3354.3	3341.0	3313.7	3295.1	3284.5
41.5°	3337.5	3324.3	3296.9	3279.2	3268.7
42°	3320.7	3307.5	3280.1	3263.4	3251.9
42.5°	3303.1	3289.8	3262.5	3245.7	3235.1
43°	3285.4	3271.3	3244.8	3228.1	3217.5
43.5°	3266.9	3252.8	3226.3	3209.5	3198.9



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	3206.0	3191.9	3166.3	3151.3	3139.8
45.5°	3184.8	3169.8	3145.1	3130.1	3119.5
46°	3162.8	3147.8	3123.1	3108.0	3097.5
46.5°	3139.8	3124.8	3101.0	3086.0	3075.4
47°	3116.0	3101.9	3077.2	3063.9	3052.5
47.5°	3092.2	3077.2	3053.3	3040.1	3028.6
48°	3068.3	3052.5	3029.5	3015.4	3003.9
48.5°	3042.7	3027.7	3004.8	2991.6	2981.0
49°	3015.4	3001.3	2978.3	2964.2	2954.5
49.5°	2988.9	2974.8	2951.9	2938.6	2928.0
50°	2961.6	2946.6	2925.4	2912.1	2901.6
50.5°	2933.3	2918.3	2897.1	2883.9	2874.2
51°	2905.1	2890.1	2868.9	2855.7	2845.1
51.5°	2875.1	2860.1	2838.9	2826.5	2816.8
52°	2845.1	2830.1	2808.9	2797.4	2787.7
52.5°	2815.1	2800.1	2778.9	2766.5	2757.7
53°	2782.4	2768.3	2748.9	2737.4	2727.7
53.5°	2749.8	2735.6	2716.2	2704.8	2695.9
54°	2717.1	2703.0	2683.6	2672.1	2664.2
54.5°	2685.3	2670.3	2651.8	2640.3	2632.4
55°	2650.9	2636.8	2618.3	2606.8	2598.9
55.5°	2616.5	2602.4	2583.9	2572.4	2565.3
56°	2580.3	2567.1	2548.6	2538.9	2531.8
56.5°	2544.2	2531.8	2513.3	2503.6	2496.5
57°	2508.9	2495.6	2478.0	2469.1	2462.1
57.5°	2473.6	2459.4	2441.8	2433.0	2425.9
58°	2434.7	2421.5	2404.7	2395.9	2389.7
58.5°	2396.8	2384.4	2366.8	2358.8	2352.7
59°	2358.8	2346.5	2329.7	2321.8	2315.6
59.5°	2319.1	2307.7	2290.9	2282.9	2276.8
60°	2280.3	2267.9	2252.1	2245.0	2238.8
60.5°	2240.6	2230.0	2213.2	2206.2	2200.0
61°	2200.0	2189.4	2173.5	2166.5	2160.3
61.5°	2158.5	2149.7	2133.8	2126.7	2121.5
62°	2117.9	2109.1	2093.2	2087.0	2081.7
62.5°	2076.4	2067.6	2051.7	2045.6	2040.3
63°	2035.0	2026.1	2011.1	2005.0	1999.7
63.5°	1992.6	1983.8	1969.7	1963.5	1958.2
64°	1950.3	1941.4	1926.4	1922.0	1915.8
64.5°	1907.9	1899.1	1884.1	1879.7	1874.4
65°	1864.7	1857.6	1843.5	1838.2	1834.6
65.5°	1822.3	1813.5	1800.2	1795.8	1790.5
66°	1777.3	1770.2	1757.0	1752.6	1749.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1646.7	1638.7	1627.3	1622.9	1618.4
68°	1601.7	1594.6	1583.1	1579.6	1575.2
68.5°	1556.7	1549.6	1538.1	1535.5	1532.8
69°	1511.7	1504.6	1494.9	1492.3	1488.7
69.5°	1467.5	1460.5	1451.7	1449.0	1444.6
70°	1422.5	1416.4	1407.5	1404.9	1400.5
70.5°	1377.5	1371.4	1363.4	1360.8	1356.4
71°	1332.5	1327.2	1320.2	1316.6	1312.2
71.5°	1288.4	1283.1	1275.2	1272.5	1269.0
72°	1243.4	1239.0	1231.0	1229.3	1224.9
72.5°	1198.4	1194.9	1186.9	1185.2	1181.6
73°	1153.4	1149.9	1141.9	1140.1	1137.5
73.5°	1109.3	1105.7	1098.7	1096.0	1093.4
74°	1065.1	1062.5	1055.4	1053.7	1050.1
74.5°	1020.1	1018.4	1012.2	1009.5	1006.9
75°	975.1	975.1	968.9	967.2	964.5
75.5°	931.9	931.9	925.7	923.9	921.3
76°	888.6	888.6	882.5	880.8	877.3
76.5°	845.0	845.3	840.1	838.3	835.3
77°	803.1	803.5	798.8	796.4	793.5
77.5°	758.4	760.5	756.6	754.5	751.6
78°	716.7	719.3	715.3	713.7	711.2
78.5°	677.3	679.0	676.4	674.4	670.9
79°	636.1	637.4	635.7	634.0	630.6
79.5°	595.5	597.7	596.5	595.0	591.1
80°	556.6	558.2	558.4	556.0	552.4
80.5°	515.6	518.9	519.4	517.0	515.2
81°	477.8	480.9	481.7	480.3	477.9
81.5°	440.5	444.1	444.9	444.1	441.0
82°	403.2	407.6	408.9	408.3	404.8
82.5°	367.5	372.5	373.9	373.4	370.1
83°	333.0	338.3	339.7	340.1	337.1
83.5°	299.5	304.6	306.3	306.8	303.6
84°	267.4	272.0	274.1	275.0	272.2
84.5°	236.9	240.6	243.1	244.3	242.9
85°	208.1	210.7	213.1	214.7	212.9
85.5°	180.2	182.3	184.1	186.6	185.1
86°	154.3	156.4	157.6	159.6	159.6
86.5°	129.5	130.5	131.5	133.8	133.8
87°	105.9	106.0	106.3	109.2	109.3
87.5°	81.7	82.4	82.8	85.3	86.2
88°	57.6	59.7	60.2	62.6	62.4
88.5°	40.8	40.8	40.7	43.1	43.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	1.9	1.9	1.9	2.0	1.9
90.5°	0.6	0.5	0.6	0.7	0.6
91°	0.6	0.5	0.5	0.6	0.5
91.5°	0.8	0.6	0.7	0.5	0.4
92°	0.6	0.6	0.6	0.7	0.6
92.5°	0.7	0.6	0.6	0.7	0.6
93°	0.7	0.7	0.7	0.6	0.5
93.5°	0.8	0.6	0.7	0.7	0.8
94°	0.8	0.7	0.8	0.7	0.9
94.5°	0.8	0.8	0.7	0.8	0.8
95°	0.8	0.6	0.8	0.7	0.9
95.5°	0.7	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°	1.1	1.0	1.0	1.0	1.1
98.5°	1.1	1.0	0.9	0.9	1.1
99°	1.1	1.1	1.0	0.9	1.0
99.5°	1.1	0.9	1.1	1.0	1.0
100°	1.1	1.1	1.1	1.1	1.1
100.5°	1.1	1.1	1.1	1.1	1.1
101°	1.2	1.1	1.1	1.1	1.1
101.5°	1.3	1.1	1.1	1.1	1.2
102°	1.4	1.1	1.2	1.1	1.2
102.5°	1.2	1.1	1.1	1.2	1.2
103°	1.2	1.1	1.2	1.1	1.2
103.5°	1.3	1.3	1.2	1.2	1.1
104°	1.5	1.3	1.3	1.2	1.1
104.5°	1.3	1.4	1.4	1.4	1.2
105°	1.6	1.4	1.3	1.5	1.5
105.5°	1.5	1.2	1.4	1.3	1.3
106°	1.4	1.4	1.5	1.5	1.6
106.5°	1.6	1.4	1.5	1.4	1.3
107°	1.5	1.5	1.6	1.6	1.4
107.5°	1.7	1.5	1.6	1.7	1.6
108°	1.7	1.5	1.4	1.7	1.5
108.5°	1.7	1.7	1.7	1.6	1.5
109°	1.8	1.7	1.7	1.7	1.8
109.5°	1.9	1.6	1.9	1.8	1.6
110°	1.8	1.8	1.8	1.9	1.8
110.5°	1.9	1.8	1.9	1.9	1.9
111°	1.9	1.9	1.9	1.9	1.9



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L950-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	2.1	2.2	2.3	2.2	2.0
113°	2.4	2.1	2.1	2.2	2.2
113.5°	2.4	2.4	2.4	2.5	2.5
114°	2.5	2.5	2.6	2.6	2.5
114.5°	2.6	2.6	2.6	2.6	2.4
115°	2.6	2.6	2.6	2.6	2.6
115.5°	2.9	2.6	2.8	2.7	2.6
116°	2.8	2.9	2.9	2.8	2.7
116.5°	3.0	3.0	3.0	3.0	2.9
117°	3.2	3.2	3.2	3.2	2.8
117.5°	3.4	3.2	3.3	3.2	3.0
118°	3.4	3.3	3.4	3.3	3.1
118.5°	3.6	3.4	3.4	3.4	3.3
119°	3.6	3.6	3.7	3.4	3.4
119.5°	3.7	3.7	3.7	3.6	3.5
120°	3.9	3.9	3.8	3.7	3.8
120.5°	4.0	3.8	4.0	3.9	3.8
121°	4.0	4.0	4.0	4.0	3.8
121.5°	4.4	4.2	4.1	4.0	4.0
122°	4.1	4.4	4.2	4.1	4.2
122.5°	4.5	4.4	4.3	4.3	4.1
123°	4.6	4.6	4.4	4.4	4.3
123.5°	4.6	4.8	4.5	4.3	4.5
124°	4.7	4.8	4.7	4.5	4.5
124.5°	4.9	4.8	4.7	4.6	4.6
125°	5.1	4.9	4.9	4.8	4.8
125.5°	5.1	5.0	4.9	4.8	4.9
126°	5.1	4.9	4.9	4.9	4.8
126.5°	4.9	5.0	5.1	4.9	4.9
127°	5.1	5.1	4.9	4.9	4.8
127.5°	5.3	5.2	5.1	4.9	4.8
128°	5.3	5.0	5.0	4.9	4.9
128.5°	5.1	5.1	4.9	4.8	4.9
129°	5.0	5.0	4.9	4.9	4.8
129.5°	4.9	5.0	4.9	4.9	4.9
130°	4.9	5.0	4.9	4.7	4.8
130.5°	5.1	4.9	4.9	4.5	4.8
131°	4.9	4.9	4.9	4.6	4.7
131.5°	4.9	4.8	4.6	4.5	4.6
132°	4.9	4.7	4.7	4.5	4.5
132.5°	4.9	4.7	4.6	4.5	4.6
133°	4.7	4.5	4.5	4.2	4.4
133.5°	4.8	4.5	4.3	4.1	4.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L950-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	4.6	4.3	4.1	4.1	4.4
135.5°	4.3	4.4	4.1	4.0	4.2
136°	4.2	4.1	4.0	3.8	4.2
136.5°	4.3	4.1	4.0	3.8	4.1
137°	4.2	4.1	4.0	3.8	4.1
137.5°	4.1	4.0	3.9	3.6	3.9
138°	4.1	3.9	3.7	3.6	3.9
138.5°	4.1	3.9	3.8	3.5	3.8
139°	3.6	3.8	3.7	3.4	3.9
139.5°	3.9	3.6	3.5	3.4	3.8
140°	3.8	3.5	3.6	3.4	3.5
140.5°	3.8	3.5	3.5	3.4	3.5
141°	3.6	3.5	3.4	3.2	3.4
141.5°	3.4	3.5	3.5	3.2	3.4
142°	3.3	3.3	3.4	3.3	3.1
142.5°	3.3	3.4	3.4	3.2	3.1
143°	3.4	3.4	3.4	3.3	3.1
143.5°	3.4	3.4	3.4	3.1	3.1
144°	3.4	3.2	3.4	3.0	3.2
144.5°	3.3	3.2	3.3	3.1	3.2
145°	3.4	3.2	3.3	2.9	3.2
145.5°	3.3	3.1	3.2	2.9	3.4
146°	3.3	3.1	3.0	2.9	3.2
146.5°	3.4	3.1	3.0	2.9	3.2
147°	3.3	3.1	2.9	3.0	3.0
147.5°	3.2	3.1	2.9	3.0	3.3
148°	3.3	3.1	3.0	2.9	3.3
148.5°	3.4	3.2	3.0	2.9	3.3
149°	3.3	3.1	3.0	2.9	3.3
149.5°	3.4	3.0	3.0	2.9	3.4
150°	3.4	3.2	3.0	2.9	3.3
150.5°	3.3	3.1	3.0	3.0	3.3
151°	3.4	3.1	2.9	3.0	3.4
151.5°	3.4	3.2	2.9	3.0	3.4
152°	3.4	3.2	3.1	3.2	3.3
152.5°	3.4	3.3	3.0	3.1	3.4
153°	3.4	3.2	3.1	3.3	3.5
153.5°	3.6	3.3	3.0	3.2	3.4
154°	3.4	3.3	3.2	3.2	3.4
154.5°	3.4	3.2	3.2	3.4	3.5
155°	3.3	3.3	3.3	3.4	3.6
155.5°	3.4	3.2	3.2	3.3	3.5
156°	3.3	3.3	3.3	3.3	3.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L950-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	3.3	3.1	3.2	3.4	3.4
158°	3.5	3.3	3.2	3.3	3.5
158.5°	3.4	3.3	3.1	3.3	3.4
159°	3.4	3.3	3.2	3.3	3.6
159.5°	3.4	3.2	3.2	3.3	3.7
160°	3.4	3.3	3.1	3.3	3.5
160.5°	3.3	3.2	3.2	3.4	3.5
161°	3.3	3.2	3.2	3.4	3.5
161.5°	3.4	3.3	3.2	3.2	3.4
162°	3.3	3.2	3.3	3.4	3.4
162.5°	3.4	3.4	3.3	3.3	3.4
163°	3.4	3.3	3.4	3.4	3.4
163.5°	3.4	3.3	3.4	3.4	3.6
164°	3.3	3.4	3.3	3.5	3.5
164.5°	3.2	3.4	3.4	3.5	3.6
165°	3.3	3.3	3.2	3.4	3.5
165.5°	3.1	3.3	3.2	3.7	3.5
166°	3.4	3.4	3.3	3.5	3.4
166.5°	3.4	3.3	3.2	3.6	3.3
167°	3.3	3.5	3.3	3.7	3.6
167.5°	3.4	3.5	3.4	3.8	3.6
168°	3.4	3.4	3.3	3.7	3.5
168.5°	3.4	3.6	3.4	4.0	3.6
169°	3.6	3.5	3.3	4.0	3.6
169.5°	3.5	3.5	3.4	3.9	3.7
170°	3.6	3.5	3.4	4.0	3.6
170.5°	3.6	3.7	3.4	4.0	3.8
171°	3.6	3.6	3.6	4.0	3.9
171.5°	3.5	3.6	3.6	4.1	3.7
172°	3.5	3.6	3.7	4.1	3.8
172.5°	3.7	3.7	3.8	4.1	3.8
173°	3.5	3.5	3.8	4.1	3.9
173.5°	3.8	3.7	3.9	4.0	4.0
174°	3.9	3.9	4.1	4.1	3.9
174.5°	3.9	4.1	4.1	4.2	4.1
175°	4.1	4.1	4.1	4.2	4.0
175.5°	4.1	4.1	4.3	4.1	4.1
176°	4.3	4.2	4.1	4.1	4.1
176.5°	4.4	4.1	4.2	3.9	4.1
177°	4.2	4.1	4.0	3.9	4.1
177.5°	4.3	4.1	3.9	3.8	4.1
178°	4.1	4.0	3.8	3.8	3.9
178.5°	4.0	3.9	3.7	3.7	3.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-140-L950-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	3.4	3.4	3.4	3.4	3.4



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	3626.9	3622.5	3604.9	3588.1	3581.1
22°	3625.2	3620.8	3602.2	3585.5	3578.4



44°	3246.6	3233.4	3206.9	3191.0	3180.4
44.5°	3226.3	3212.2	3187.5	3170.7	3160.1



66.5°	1734.0	1727.0	1713.8	1709.3	1704.9
67°	1690.8	1682.9	1670.5	1666.1	1662.6



89°	25.8	25.3	25.1	26.4	26.7
89.5°	11.4	11.6	11.3	12.1	11.9



111.5°	2.2	1.9	2.0	2.0	1.9
112°	2.2	2.0	2.0	2.0	2.2



134°	4.5	4.4	4.3	4.2	4.5
134.5°	4.6	4.3	4.3	4.1	4.2



156.5°	3.4	3.2	3.3	3.4	3.4
157°	3.4	3.2	3.3	3.3	3.4



179°	3.8	3.7	3.5	3.6	3.8
179.5°	3.4	3.5	3.4	3.4	3.6



(END OF REPORT)