

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-110-L940-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-110-L940-CFD2
Description: 11000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS
AND 4000K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

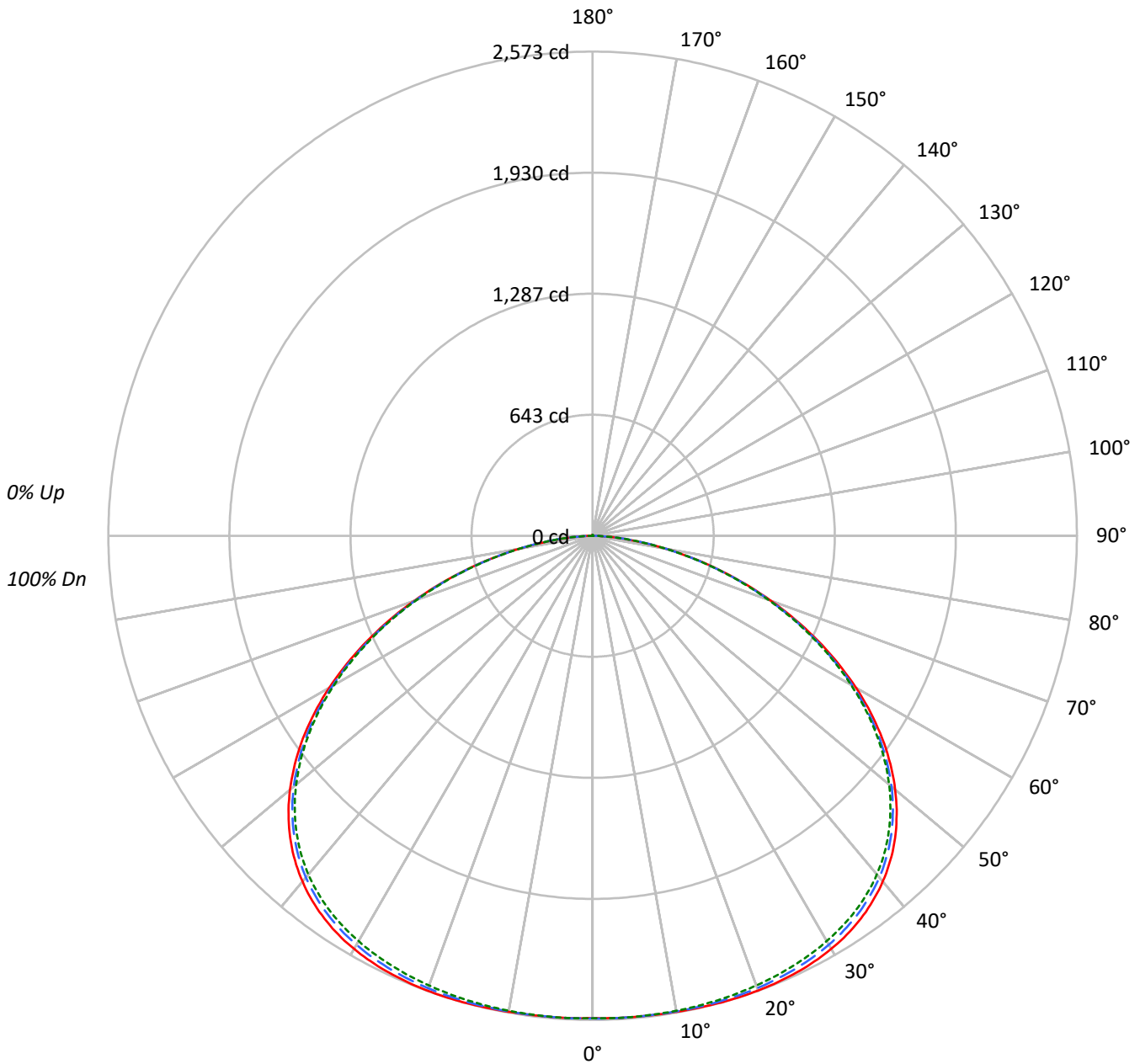
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9284.0 lumens
Efficiency: N/A
Efficacy: 107.2 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): 86.6
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°	1830	1830	1830
5°	1832	1829	1832
10°	1848	1841	1844
15°	1879	1866	1868
20°	1924	1901	1902
25°	1978	1947	1947
30°	2039	1999	2001
35°	2102	2052	2059
40°	2157	2101	2113
45°	2199	2136	2154
50°	2217	2147	2173
55°	2203	2125	2160
60°	2148	2062	2108
65°	2044	1953	2011
70°	1882	1784	1853
75°	1643	1544	1625
80°	1304	1210	1294
85°	811	730	829



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	245.0	2.6
10°-20°	726.7	7.8
20°-30°	1174.8	12.7
30°-40°	1538.7	16.6
40°-50°	1730.7	18.6
50°-60°	1656.1	17.8
60°-70°	1291.7	13.9
70°-80°	727.9	7.8
80°-90°	180.1	1.9
90°-100°	0.6	0.0
100°-110°	1.0	0.0
110°-120°	1.9	0.0
120°-130°	2.9	0.0
130°-140°	2.3	0.0
140°-150°	1.4	0.0
150°-160°	1.1	0.0
160°-170°	0.7	0.0
170°-180°	0.3	0.0
0°-30°	2146.5	23.1
0°-40°	3685.1	39.7
0°-60°	7072.0	76.2
0°-90°	9271.7	99.9
90°-120°	3.6	0.0
90°-150°	10.3	0.1
90°-180°	12.0	0.1
0°-180°	9284.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2564	2564	2564	2564	2564	
5°	2566	2567	2566	2566	2566	245
15°	2572	2572	2565	2560	2556	729
25°	2562	2557	2542	2527	2521	1184
35°	2484	2476	2455	2440	2433	1555
45°	2272	2262	2244	2233	2225	1750
55°	1879	1869	1855	1847	1842	1674
65°	1321	1316	1306	1303	1300	1304
75°	691	691	687	685	684	732
85°	148	149	151	152	151	171
90°	1	1	1	1	1	7
95°	1	0	1	0	1	1
105°	1	1	1	1	1	1
115°	2	2	2	2	2	2
125°	4	4	3	3	3	3
135°	3	3	3	3	3	2
145°	2	2	2	2	2	2
155°	2	2	2	2	3	1
165°	2	2	2	2	2	1
175°	3	3	3	3	3	0
180°	2	2	2	2	2	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2564.0	2564.0	2564.0	2564.0	2564.0
0.5°	2563.3	2565.2	2565.8	2565.2	2564.0
1°	2564.0	2565.2	2565.8	2565.8	2564.6
1.5°	2564.6	2565.8	2565.8	2565.8	2565.2
2°	2564.6	2565.8	2565.8	2566.5	2565.2
2.5°	2565.2	2566.5	2566.5	2566.5	2565.2
3°	2565.8	2566.5	2566.5	2566.5	2565.8
3.5°	2565.8	2566.5	2566.5	2566.5	2565.8
4°	2566.5	2566.5	2566.5	2566.5	2565.8
4.5°	2566.5	2567.1	2566.5	2566.5	2565.8
5°	2566.5	2567.1	2566.5	2566.5	2565.8
5.5°	2566.5	2567.1	2566.5	2566.5	2565.8
6°	2567.1	2567.1	2566.5	2566.5	2565.2
6.5°	2567.1	2567.7	2567.1	2566.5	2565.2
7°	2567.1	2567.7	2566.5	2566.5	2565.2
7.5°	2567.1	2567.7	2566.5	2565.8	2564.6
8°	2567.7	2567.7	2567.1	2565.8	2564.6
8.5°	2567.7	2568.3	2566.5	2565.8	2564.0
9°	2568.3	2568.3	2567.1	2565.2	2564.0
9.5°	2568.3	2569.0	2566.5	2565.2	2563.3
10°	2569.0	2569.0	2566.5	2564.6	2562.7
10.5°	2569.6	2569.6	2566.5	2564.6	2562.7
11°	2569.6	2569.6	2566.5	2564.0	2562.1
11.5°	2570.2	2570.2	2566.5	2563.3	2561.5
12°	2570.2	2570.2	2566.5	2563.3	2560.8
12.5°	2570.9	2570.2	2565.8	2562.7	2560.2
13°	2570.9	2570.2	2565.8	2562.1	2559.6
13.5°	2571.5	2570.9	2565.8	2561.5	2559.0
14°	2571.5	2570.9	2565.8	2560.8	2557.7
14.5°	2572.1	2570.9	2565.2	2560.2	2557.1
15°	2572.1	2571.5	2565.2	2559.6	2556.5
15.5°	2572.7	2571.5	2564.6	2558.3	2555.2
16°	2572.1	2571.5	2564.0	2557.7	2554.0
16.5°	2572.7	2571.5	2564.0	2556.5	2552.7
17°	2572.7	2570.9	2563.3	2555.2	2552.1
17.5°	2572.7	2570.9	2562.1	2554.6	2550.8
18°	2572.7	2570.9	2561.5	2553.3	2549.0
18.5°	2572.7	2570.2	2560.8	2552.1	2547.7
19°	2572.1	2570.2	2560.2	2550.8	2546.5
19.5°	2572.1	2569.6	2559.0	2549.0	2544.6
20°	2571.5	2569.0	2557.7	2547.7	2543.3
20.5°	2570.9	2568.3	2557.1	2546.5	2541.5
21°	2570.9	2567.7	2555.8	2544.6	2539.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	2568.3	2564.6	2551.5	2539.0	2533.3
23°	2567.1	2563.3	2549.6	2537.1	2531.5
23.5°	2565.8	2562.1	2547.7	2534.6	2529.0
24°	2564.6	2560.8	2545.8	2532.1	2526.4
24.5°	2563.3	2559.0	2544.0	2529.6	2523.9
25°	2561.5	2557.1	2541.5	2527.1	2521.4
25.5°	2559.6	2555.2	2539.0	2524.6	2518.3
26°	2557.7	2553.3	2536.5	2522.1	2515.8
26.5°	2555.8	2550.8	2534.0	2518.9	2512.7
27°	2553.3	2548.3	2530.8	2515.8	2509.6
27.5°	2550.8	2545.8	2527.7	2512.7	2506.4
28°	2548.3	2542.7	2524.6	2509.6	2503.3
28.5°	2545.2	2539.6	2521.4	2505.8	2499.6
29°	2542.1	2536.5	2517.7	2502.1	2495.8
29.5°	2539.0	2532.7	2513.9	2498.3	2491.4
30°	2535.2	2529.0	2509.6	2493.9	2487.1
30.5°	2531.5	2525.2	2505.2	2489.6	2483.3
31°	2527.1	2520.8	2500.8	2485.2	2478.3
31.5°	2523.3	2516.4	2495.8	2480.8	2473.9
32°	2518.3	2511.4	2491.4	2475.8	2468.9
32.5°	2513.3	2506.4	2485.8	2470.2	2463.3
33°	2508.3	2500.8	2480.2	2465.2	2457.7
33.5°	2502.7	2495.2	2474.5	2459.5	2452.0
34°	2496.4	2488.9	2468.3	2453.3	2446.4
34.5°	2490.2	2482.7	2462.0	2447.0	2440.2
35°	2483.9	2475.8	2455.2	2440.2	2433.3
35.5°	2477.0	2468.9	2448.3	2433.3	2426.4
36°	2470.2	2461.4	2440.8	2426.4	2418.9
36.5°	2462.0	2453.9	2433.3	2418.9	2412.0
37°	2453.9	2445.8	2425.1	2410.8	2403.9
37.5°	2445.8	2437.0	2417.0	2402.6	2395.1
38°	2437.0	2428.9	2408.3	2394.5	2387.0
38.5°	2428.3	2419.5	2398.9	2385.1	2378.2
39°	2418.9	2409.5	2389.5	2376.4	2368.9
39.5°	2408.9	2399.5	2380.1	2366.4	2359.5
40°	2398.3	2389.5	2369.5	2356.4	2349.5
40.5°	2388.2	2378.9	2358.9	2346.3	2338.8
41°	2377.0	2367.6	2348.2	2335.1	2327.6
41.5°	2365.1	2355.7	2336.3	2323.8	2316.3
42°	2353.2	2343.8	2324.5	2312.6	2304.4
42.5°	2340.7	2331.3	2312.0	2300.1	2292.6
43°	2328.2	2318.2	2299.4	2287.6	2280.1
43.5°	2315.1	2305.1	2286.3	2274.4	2266.9



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	2271.9	2261.9	2243.8	2233.2	2225.0
45.5°	2256.9	2246.3	2228.8	2218.1	2210.6
46°	2241.3	2230.7	2213.1	2202.5	2195.0
46.5°	2225.0	2214.4	2197.5	2186.9	2179.4
47°	2208.1	2198.1	2180.6	2171.2	2163.1
47.5°	2191.3	2180.6	2163.7	2154.4	2146.2
48°	2174.4	2163.1	2146.9	2136.9	2128.7
48.5°	2156.2	2145.6	2129.3	2120.0	2112.5
49°	2136.9	2126.8	2110.6	2100.6	2093.7
49.5°	2118.1	2108.1	2091.8	2082.4	2074.9
50°	2098.7	2088.1	2073.1	2063.7	2056.2
50.5°	2078.7	2068.1	2053.1	2043.7	2036.8
51°	2058.7	2048.1	2033.0	2023.7	2016.2
51.5°	2037.4	2026.8	2011.8	2003.0	1996.1
52°	2016.2	2005.5	1990.5	1982.4	1975.5
52.5°	1994.9	1984.3	1969.3	1960.5	1954.2
53°	1971.8	1961.8	1948.0	1939.9	1933.0
53.5°	1948.6	1938.6	1924.9	1916.7	1910.5
54°	1925.5	1915.5	1901.7	1893.6	1888.0
54.5°	1903.0	1892.3	1879.2	1871.1	1865.4
55°	1878.6	1868.6	1855.4	1847.3	1841.7
55.5°	1854.2	1844.2	1831.1	1822.9	1817.9
56°	1828.5	1819.2	1806.0	1799.2	1794.2
56.5°	1802.9	1794.2	1781.0	1774.1	1769.1
57°	1777.9	1768.5	1756.0	1749.8	1744.8
57.5°	1752.9	1742.9	1730.4	1724.1	1719.1
58°	1725.4	1716.0	1704.1	1697.8	1693.5
58.5°	1698.5	1689.7	1677.2	1671.6	1667.2
59°	1671.6	1662.8	1650.9	1645.3	1640.9
59.5°	1643.4	1635.3	1623.4	1617.8	1613.4
60°	1615.9	1607.2	1595.9	1590.9	1586.5
60.5°	1587.8	1580.3	1568.4	1563.4	1559.0
61°	1559.0	1551.5	1540.3	1535.3	1530.9
61.5°	1529.6	1523.4	1512.1	1507.1	1503.4
62°	1500.9	1494.6	1483.4	1479.0	1475.2
62.5°	1471.5	1465.2	1454.0	1449.6	1445.8
63°	1442.1	1435.8	1425.2	1420.8	1417.1
63.5°	1412.1	1405.8	1395.8	1391.4	1387.7
64°	1382.0	1375.8	1365.2	1362.0	1357.7
64.5°	1352.0	1345.8	1335.1	1332.0	1328.3
65°	1321.4	1316.4	1306.4	1302.6	1300.1
65.5°	1291.4	1285.1	1275.7	1272.6	1268.9
66°	1259.5	1254.5	1245.1	1242.0	1239.5



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1166.9	1161.3	1153.2	1150.0	1146.9
68°	1135.0	1130.0	1121.9	1119.4	1116.3
68.5°	1103.1	1098.1	1090.0	1088.1	1086.2
69°	1071.2	1066.2	1059.4	1057.5	1055.0
69.5°	1040.0	1035.0	1028.7	1026.8	1023.7
70°	1008.1	1003.7	997.4	995.6	992.4
70.5°	976.2	971.8	966.2	964.3	961.2
71°	944.3	940.5	935.5	933.0	929.9
71.5°	913.0	909.3	903.6	901.8	899.3
72°	881.1	878.0	872.4	871.1	868.0
72.5°	849.2	846.7	841.1	839.9	837.4
73°	817.3	814.8	809.2	808.0	806.1
73.5°	786.1	783.6	778.6	776.7	774.8
74°	754.8	752.9	747.9	746.7	744.2
74.5°	722.9	721.7	717.3	715.4	713.5
75°	691.0	691.0	686.6	685.4	683.5
75.5°	660.4	660.4	656.0	654.8	652.9
76°	629.7	629.7	625.4	624.2	621.7
76.5°	598.8	599.0	595.3	594.0	592.0
77°	569.1	569.4	566.1	564.4	562.3
77.5°	537.4	538.9	536.2	534.7	532.6
78°	507.9	509.7	506.9	505.7	504.0
78.5°	480.0	481.2	479.3	477.9	475.5
79°	450.8	451.7	450.5	449.3	446.9
79.5°	422.0	423.6	422.7	421.6	418.9
80°	394.4	395.5	395.7	394.0	391.5
80.5°	365.4	367.7	368.1	366.4	365.1
81°	338.6	340.8	341.4	340.4	338.6
81.5°	312.2	314.7	315.3	314.7	312.5
82°	285.7	288.9	289.8	289.4	286.9
82.5°	260.5	264.0	265.0	264.6	262.3
83°	235.9	239.8	240.7	241.0	238.9
83.5°	212.2	215.9	217.1	217.4	215.1
84°	189.5	192.7	194.2	194.9	192.9
84.5°	167.8	170.5	172.3	173.1	172.2
85°	147.5	149.3	151.0	152.1	150.8
85.5°	127.7	129.2	130.4	132.2	131.1
86°	109.3	110.8	111.7	113.1	113.1
86.5°	91.8	92.5	93.2	94.8	94.8
87°	75.0	75.1	75.4	77.4	77.5
87.5°	57.9	58.4	58.7	60.5	61.1
88°	40.8	42.3	42.6	44.3	44.2
88.5°	28.9	28.9	28.8	30.5	30.9



TEST NUMBER: P#

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	1.4	1.3	1.4	1.4	1.3
90.5°	0.4	0.4	0.4	0.5	0.4
91°	0.4	0.4	0.4	0.4	0.4
91.5°	0.6	0.4	0.5	0.4	0.3
92°	0.4	0.4	0.4	0.5	0.4
92.5°	0.5	0.4	0.4	0.5	0.4
93°	0.5	0.5	0.5	0.4	0.4
93.5°	0.6	0.4	0.5	0.5	0.6
94°	0.6	0.5	0.6	0.5	0.6
94.5°	0.6	0.6	0.5	0.6	0.6
95°	0.6	0.4	0.6	0.5	0.6
95.5°	0.5	0.6	0.6	0.6	0.6
96°	0.7	0.7	0.6	0.6	0.6
96.5°	0.7	0.6	0.6	0.6	0.6
97°	0.7	0.6	0.7	0.6	0.8
97.5°	0.8	0.6	0.6	0.6	0.8
98°	0.8	0.7	0.7	0.7	0.8
98.5°	0.8	0.7	0.6	0.6	0.8
99°	0.8	0.8	0.7	0.6	0.7
99.5°	0.8	0.6	0.8	0.7	0.7
100°	0.8	0.8	0.8	0.8	0.8
100.5°	0.8	0.8	0.8	0.8	0.8
101°	0.9	0.8	0.8	0.8	0.8
101.5°	0.9	0.8	0.8	0.8	0.9
102°	1.0	0.8	0.9	0.8	0.9
102.5°	0.9	0.8	0.8	0.9	0.9
103°	0.9	0.8	0.9	0.8	0.9
103.5°	0.9	0.9	0.9	0.9	0.8
104°	1.1	0.9	0.9	0.9	0.8
104.5°	0.9	1.0	1.0	1.0	0.9
105°	1.1	1.0	0.9	1.1	1.1
105.5°	1.1	0.9	1.0	0.9	0.9
106°	1.0	1.0	1.1	1.1	1.1
106.5°	1.1	1.0	1.1	1.0	0.9
107°	1.1	1.1	1.1	1.1	1.0
107.5°	1.2	1.1	1.1	1.2	1.1
108°	1.2	1.1	1.0	1.2	1.1
108.5°	1.2	1.2	1.2	1.1	1.1
109°	1.3	1.2	1.2	1.2	1.3
109.5°	1.3	1.1	1.3	1.3	1.1
110°	1.3	1.3	1.3	1.3	1.3
110.5°	1.3	1.3	1.3	1.3	1.4
111°	1.3	1.4	1.4	1.4	1.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L940-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.5	1.6	1.6	1.6	1.4
113°	1.7	1.5	1.5	1.6	1.6
113.5°	1.7	1.7	1.7	1.8	1.8
114°	1.8	1.8	1.8	1.8	1.8
114.5°	1.9	1.9	1.8	1.8	1.7
115°	1.9	1.9	1.8	1.9	1.8
115.5°	2.1	1.9	2.0	1.9	1.8
116°	2.0	2.1	2.1	2.0	1.9
116.5°	2.1	2.1	2.1	2.1	2.1
117°	2.3	2.3	2.3	2.3	2.0
117.5°	2.4	2.3	2.3	2.3	2.1
118°	2.4	2.3	2.4	2.3	2.2
118.5°	2.6	2.4	2.4	2.4	2.3
119°	2.6	2.6	2.6	2.4	2.4
119.5°	2.6	2.6	2.6	2.6	2.5
120°	2.8	2.8	2.7	2.6	2.7
120.5°	2.8	2.7	2.8	2.8	2.7
121°	2.8	2.8	2.8	2.8	2.7
121.5°	3.1	3.0	2.9	2.8	2.8
122°	2.9	3.1	3.0	2.9	3.0
122.5°	3.2	3.1	3.1	3.1	2.9
123°	3.3	3.3	3.1	3.1	3.1
123.5°	3.3	3.4	3.2	3.1	3.2
124°	3.3	3.4	3.3	3.2	3.2
124.5°	3.5	3.4	3.3	3.3	3.3
125°	3.6	3.5	3.4	3.4	3.4
125.5°	3.6	3.6	3.4	3.4	3.4
126°	3.6	3.5	3.4	3.4	3.4
126.5°	3.5	3.6	3.6	3.4	3.5
127°	3.6	3.6	3.5	3.4	3.4
127.5°	3.8	3.7	3.6	3.4	3.4
128°	3.8	3.6	3.6	3.4	3.5
128.5°	3.6	3.6	3.5	3.4	3.5
129°	3.6	3.6	3.5	3.4	3.4
129.5°	3.5	3.6	3.5	3.4	3.4
130°	3.5	3.6	3.4	3.3	3.4
130.5°	3.6	3.5	3.5	3.2	3.4
131°	3.4	3.4	3.4	3.3	3.3
131.5°	3.5	3.4	3.3	3.2	3.3
132°	3.4	3.3	3.3	3.2	3.2
132.5°	3.4	3.3	3.3	3.2	3.3
133°	3.3	3.2	3.2	3.0	3.1
133.5°	3.4	3.2	3.1	2.9	3.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L940-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	3.3	3.1	2.9	2.9	3.1
135.5°	3.1	3.1	2.9	2.8	3.0
136°	3.0	2.9	2.8	2.7	3.0
136.5°	3.1	2.9	2.8	2.7	2.9
137°	3.0	2.9	2.8	2.7	2.9
137.5°	2.9	2.8	2.8	2.6	2.8
138°	2.9	2.8	2.6	2.6	2.8
138.5°	2.9	2.8	2.7	2.5	2.7
139°	2.6	2.7	2.6	2.4	2.8
139.5°	2.8	2.6	2.5	2.4	2.7
140°	2.7	2.5	2.6	2.4	2.5
140.5°	2.7	2.5	2.5	2.4	2.5
141°	2.6	2.5	2.4	2.3	2.4
141.5°	2.4	2.5	2.5	2.3	2.4
142°	2.3	2.3	2.4	2.3	2.2
142.5°	2.3	2.4	2.4	2.3	2.2
143°	2.4	2.4	2.4	2.3	2.2
143.5°	2.4	2.4	2.4	2.2	2.2
144°	2.4	2.3	2.4	2.1	2.3
144.5°	2.3	2.3	2.3	2.2	2.3
145°	2.4	2.3	2.3	2.1	2.3
145.5°	2.3	2.2	2.3	2.1	2.4
146°	2.3	2.2	2.1	2.1	2.3
146.5°	2.4	2.2	2.1	2.1	2.3
147°	2.3	2.2	2.1	2.1	2.1
147.5°	2.3	2.2	2.1	2.1	2.3
148°	2.3	2.2	2.1	2.1	2.3
148.5°	2.4	2.3	2.1	2.1	2.3
149°	2.3	2.2	2.1	2.1	2.3
149.5°	2.4	2.1	2.1	2.1	2.4
150°	2.4	2.3	2.1	2.1	2.3
150.5°	2.3	2.2	2.1	2.1	2.3
151°	2.4	2.2	2.1	2.1	2.4
151.5°	2.4	2.3	2.1	2.1	2.4
152°	2.4	2.3	2.2	2.3	2.3
152.5°	2.4	2.3	2.1	2.2	2.4
153°	2.4	2.3	2.2	2.3	2.5
153.5°	2.6	2.3	2.1	2.3	2.4
154°	2.4	2.3	2.3	2.3	2.4
154.5°	2.4	2.3	2.3	2.4	2.5
155°	2.3	2.3	2.3	2.4	2.6
155.5°	2.4	2.3	2.3	2.3	2.5
156°	2.3	2.3	2.3	2.3	2.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L940-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	2.3	2.2	2.3	2.4	2.4
158°	2.5	2.3	2.3	2.3	2.5
158.5°	2.4	2.3	2.2	2.3	2.4
159°	2.4	2.3	2.3	2.3	2.6
159.5°	2.4	2.3	2.3	2.3	2.6
160°	2.4	2.3	2.2	2.3	2.5
160.5°	2.3	2.3	2.3	2.4	2.5
161°	2.3	2.3	2.3	2.4	2.5
161.5°	2.4	2.3	2.3	2.3	2.4
162°	2.3	2.3	2.3	2.4	2.4
162.5°	2.4	2.4	2.3	2.3	2.4
163°	2.4	2.3	2.4	2.4	2.4
163.5°	2.4	2.3	2.4	2.4	2.6
164°	2.3	2.4	2.3	2.5	2.5
164.5°	2.3	2.4	2.4	2.5	2.6
165°	2.3	2.3	2.3	2.4	2.5
165.5°	2.2	2.3	2.3	2.6	2.5
166°	2.4	2.4	2.3	2.5	2.4
166.5°	2.4	2.3	2.3	2.6	2.3
167°	2.3	2.5	2.3	2.6	2.6
167.5°	2.4	2.5	2.4	2.7	2.6
168°	2.4	2.4	2.3	2.6	2.5
168.5°	2.4	2.6	2.4	2.8	2.6
169°	2.6	2.5	2.3	2.8	2.6
169.5°	2.5	2.5	2.4	2.8	2.6
170°	2.6	2.5	2.4	2.8	2.6
170.5°	2.6	2.6	2.4	2.8	2.7
171°	2.6	2.6	2.6	2.8	2.8
171.5°	2.5	2.6	2.6	2.9	2.6
172°	2.5	2.6	2.6	2.9	2.7
172.5°	2.6	2.6	2.7	2.9	2.7
173°	2.5	2.5	2.7	2.9	2.8
173.5°	2.7	2.6	2.8	2.8	2.8
174°	2.8	2.8	2.9	2.9	2.8
174.5°	2.8	2.9	2.9	3.0	2.9
175°	2.9	2.9	2.9	3.0	2.8
175.5°	2.9	2.9	3.1	2.9	2.9
176°	3.1	3.0	2.9	2.9	2.9
176.5°	3.1	2.9	3.0	2.8	2.9
177°	3.0	2.9	2.8	2.8	2.9
177.5°	3.1	2.9	2.8	2.7	2.9
178°	2.9	2.8	2.7	2.7	2.8
178.5°	2.8	2.8	2.6	2.6	2.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L940-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	2.4	2.4	2.4	2.4	2.4



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	2570.2	2567.1	2554.6	2542.7	2537.7
22°	2569.0	2565.8	2552.7	2540.8	2535.8



44°	2300.7	2291.3	2272.6	2261.3	2253.8
44.5°	2286.3	2276.3	2258.8	2246.9	2239.4



66.5°	1228.8	1223.8	1214.4	1211.3	1208.2
67°	1198.2	1192.6	1183.8	1180.7	1178.2



89°	18.3	17.9	17.8	18.7	18.9
89.5°	8.1	8.2	8.0	8.6	8.4



111.5°	1.6	1.4	1.4	1.4	1.4
112°	1.6	1.4	1.4	1.4	1.6



134°	3.2	3.1	3.1	3.0	3.2
134.5°	3.3	3.1	3.1	2.9	3.0



156.5°	2.4	2.3	2.3	2.4	2.4
157°	2.4	2.3	2.3	2.3	2.4



179°	2.7	2.6	2.5	2.6	2.7
179.5°	2.4	2.5	2.4	2.4	2.6



(END OF REPORT)