

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-L935-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-L935-CFD2
Description: 11000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS
AND 3500K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

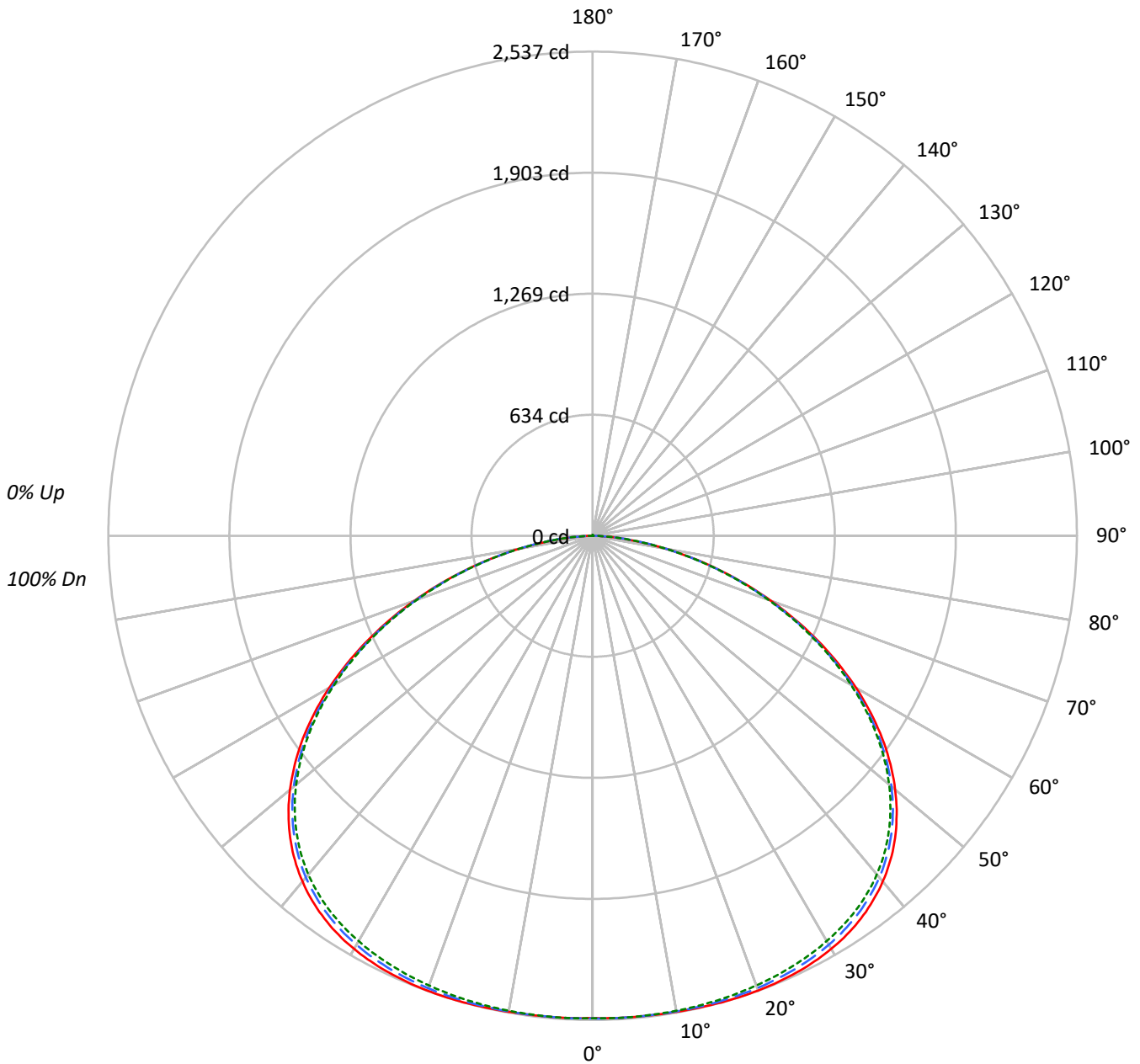
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9154.0 lumens
Efficiency: N/A
Efficacy: 105.7 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

TEST NUMBER: P#
CATALOG NUMBER: 44ID-110-L935-CFD2

Luminous Intensity Polar Plot





TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L935-CFD2

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°	1805	1805	1805
5°	1807	1804	1806
10°	1822	1815	1818
15°	1853	1839	1842
20°	1897	1875	1876
25°	1950	1920	1920
30°	2011	1971	1973
35°	2072	2024	2030
40°	2127	2072	2084
45°	2169	2106	2124
50°	2186	2117	2142
55°	2172	2095	2130
60°	2117	2033	2079
65°	2015	1925	1983
70°	1856	1759	1827
75°	1620	1522	1602
80°	1286	1193	1276
85°	799	720	817



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L935-CFD2

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	241.6	2.6
10°-20°	716.5	7.8
20°-30°	1158.3	12.7
30°-40°	1517.1	16.6
40°-50°	1706.5	18.6
50°-60°	1632.9	17.8
60°-70°	1273.6	13.9
70°-80°	717.7	7.8
80°-90°	177.6	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°	1.0	0.0
160°-170°	0.7	0.0
170°-180°	0.3	0.0
0°-30°	2116.4	23.1
0°-40°	3633.5	39.7
0°-60°	6973.0	76.2
0°-90°	9141.9	99.9
90°-120°	3.5	0.0
90°-150°	10.1	0.1
90°-180°	12.0	0.1
0°-180°	9154.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2528	2528	2528	2528	2528	
5°	2530	2531	2530	2530	2530	242
15°	2536	2536	2529	2524	2521	719
25°	2526	2521	2506	2492	2486	1167
35°	2449	2441	2421	2406	2399	1533
45°	2240	2230	2212	2202	2194	1726
55°	1852	1842	1830	1821	1816	1651
65°	1303	1298	1288	1284	1282	1286
75°	681	681	677	676	674	722
85°	145	147	149	150	149	169
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	1
155°	2	2	2	2	2	1
165°	2	2	2	2	2	1
175°	3	3	3	3	3	0
180°	2	2	2	2	2	



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L935-CFD2

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2528.1	2528.1	2528.1	2528.1	2528.1
0.5°	2527.5	2529.3	2529.9	2529.3	2528.1
1°	2528.1	2529.3	2529.9	2529.9	2528.7
1.5°	2528.7	2529.9	2529.9	2529.9	2529.3
2°	2528.7	2529.9	2529.9	2530.5	2529.3
2.5°	2529.3	2530.5	2530.5	2530.5	2529.3
3°	2529.9	2530.5	2530.5	2530.5	2529.9
3.5°	2529.9	2530.5	2530.5	2530.5	2529.9
4°	2530.5	2530.5	2530.5	2530.5	2529.9
4.5°	2530.5	2531.2	2530.5	2530.5	2529.9
5°	2530.5	2531.2	2530.5	2530.5	2529.9
5.5°	2530.5	2531.2	2530.5	2530.5	2529.9
6°	2531.2	2531.2	2530.5	2530.5	2529.3
6.5°	2531.2	2531.8	2531.2	2530.5	2529.3
7°	2531.2	2531.8	2530.5	2530.5	2529.3
7.5°	2531.2	2531.8	2530.5	2529.9	2528.7
8°	2531.8	2531.8	2531.2	2529.9	2528.7
8.5°	2531.8	2532.4	2530.5	2529.9	2528.1
9°	2532.4	2532.4	2531.2	2529.3	2528.1
9.5°	2532.4	2533.0	2530.5	2529.3	2527.5
10°	2533.0	2533.0	2530.5	2528.7	2526.8
10.5°	2533.6	2533.6	2530.5	2528.7	2526.8
11°	2533.6	2533.6	2530.5	2528.1	2526.2
11.5°	2534.2	2534.2	2530.5	2527.5	2525.6
12°	2534.2	2534.2	2530.5	2527.5	2525.0
12.5°	2534.9	2534.2	2529.9	2526.8	2524.4
13°	2534.9	2534.2	2529.9	2526.2	2523.8
13.5°	2535.5	2534.9	2529.9	2525.6	2523.1
14°	2535.5	2534.9	2529.9	2525.0	2521.9
14.5°	2536.1	2534.9	2529.3	2524.4	2521.3
15°	2536.1	2535.5	2529.3	2523.8	2520.7
15.5°	2536.7	2535.5	2528.7	2522.5	2519.4
16°	2536.1	2535.5	2528.1	2521.9	2518.2
16.5°	2536.7	2535.5	2528.1	2520.7	2517.0
17°	2536.7	2534.9	2527.5	2519.4	2516.4
17.5°	2536.7	2534.9	2526.2	2518.8	2515.1
18°	2536.7	2534.9	2525.6	2517.6	2513.3
18.5°	2536.7	2534.2	2525.0	2516.4	2512.0
19°	2536.1	2534.2	2524.4	2515.1	2510.8
19.5°	2536.1	2533.6	2523.1	2513.3	2509.0
20°	2535.5	2533.0	2521.9	2512.0	2507.7
20.5°	2534.9	2532.4	2521.3	2510.8	2505.9
21°	2534.9	2531.8	2520.1	2509.0	2504.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L935-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	2532.4	2528.7	2515.7	2503.4	2497.9
23°	2531.2	2527.5	2513.9	2501.6	2496.0
23.5°	2529.9	2526.2	2512.0	2499.1	2493.5
24°	2528.7	2525.0	2510.2	2496.6	2491.1
24.5°	2527.5	2523.1	2508.3	2494.2	2488.6
25°	2525.6	2521.3	2505.9	2491.7	2486.1
25.5°	2523.8	2519.4	2503.4	2489.2	2483.1
26°	2521.9	2517.6	2500.9	2486.8	2480.6
26.5°	2520.1	2515.1	2498.5	2483.7	2477.5
27°	2517.6	2512.7	2495.4	2480.6	2474.4
27.5°	2515.1	2510.2	2492.3	2477.5	2471.3
28°	2512.7	2507.1	2489.2	2474.4	2468.3
28.5°	2509.6	2504.0	2486.1	2470.7	2464.6
29°	2506.5	2500.9	2482.4	2467.0	2460.9
29.5°	2503.4	2497.2	2478.7	2463.3	2456.5
30°	2499.7	2493.5	2474.4	2459.0	2452.2
30.5°	2496.0	2489.8	2470.1	2454.7	2448.5
31°	2491.7	2485.5	2465.8	2450.4	2443.6
31.5°	2488.0	2481.2	2460.9	2446.1	2439.3
32°	2483.1	2476.3	2456.5	2441.1	2434.3
32.5°	2478.1	2471.3	2451.0	2435.6	2428.8
33°	2473.2	2465.8	2445.4	2430.6	2423.2
33.5°	2467.6	2460.2	2439.9	2425.1	2417.7
34°	2461.5	2454.1	2433.7	2418.9	2412.1
34.5°	2455.3	2447.9	2427.6	2412.8	2406.0
35°	2449.1	2441.1	2420.8	2406.0	2399.2
35.5°	2442.4	2434.3	2414.0	2399.2	2392.4
36°	2435.6	2426.9	2406.6	2392.4	2385.0
36.5°	2427.6	2419.5	2399.2	2385.0	2378.2
37°	2419.5	2411.5	2391.2	2377.0	2370.2
37.5°	2411.5	2402.9	2383.2	2369.0	2361.6
38°	2402.9	2394.9	2374.5	2361.0	2353.6
38.5°	2394.3	2385.6	2365.3	2351.7	2344.9
39°	2385.0	2375.8	2356.0	2343.1	2335.7
39.5°	2375.2	2365.9	2346.8	2333.2	2326.4
40°	2364.7	2356.0	2336.3	2323.4	2316.6
40.5°	2354.8	2345.6	2325.8	2313.5	2306.1
41°	2343.7	2334.5	2315.3	2302.4	2295.0
41.5°	2332.0	2322.7	2303.6	2291.3	2283.9
42°	2320.3	2311.0	2291.9	2280.2	2272.2
42.5°	2307.9	2298.7	2279.6	2267.9	2260.5
43°	2295.6	2285.7	2267.2	2255.5	2248.1
43.5°	2282.7	2272.8	2254.3	2242.6	2235.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L935-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	2240.1	2230.3	2212.4	2201.9	2193.9
45.5°	2225.3	2214.8	2197.6	2187.1	2179.7
46°	2209.9	2199.4	2182.2	2171.7	2164.3
46.5°	2193.9	2183.4	2166.7	2156.3	2148.9
47°	2177.2	2167.4	2150.1	2140.8	2132.8
47.5°	2160.6	2150.1	2133.4	2124.2	2116.2
48°	2143.9	2132.8	2116.8	2106.9	2098.9
48.5°	2126.0	2115.6	2099.5	2090.3	2082.9
49°	2106.9	2097.1	2081.0	2071.2	2064.4
49.5°	2088.4	2078.6	2062.5	2053.3	2045.9
50°	2069.3	2058.8	2044.0	2034.8	2027.4
50.5°	2049.6	2039.1	2024.3	2015.1	2008.3
51°	2029.9	2019.4	2004.6	1995.3	1987.9
51.5°	2008.9	1998.4	1983.6	1975.0	1968.2
52°	1987.9	1977.4	1962.6	1954.6	1947.8
52.5°	1967.0	1956.5	1941.7	1933.0	1926.9
53°	1944.1	1934.3	1920.7	1912.7	1905.9
53.5°	1921.3	1911.5	1897.9	1889.9	1883.7
54°	1898.5	1888.7	1875.1	1867.1	1861.5
54.5°	1876.3	1865.8	1852.9	1844.9	1839.3
55°	1852.3	1842.4	1829.5	1821.4	1815.9
55.5°	1828.2	1818.4	1805.4	1797.4	1792.5
56°	1802.9	1793.7	1780.7	1774.0	1769.0
56.5°	1777.7	1769.0	1756.1	1749.3	1744.4
57°	1753.0	1743.8	1731.4	1725.3	1720.3
57.5°	1728.3	1718.5	1706.1	1700.0	1695.0
58°	1701.2	1692.0	1680.2	1674.1	1669.8
58.5°	1674.7	1666.1	1653.7	1648.2	1643.9
59°	1648.2	1639.5	1627.8	1622.3	1618.0
59.5°	1620.4	1612.4	1600.7	1595.1	1590.8
60°	1593.3	1584.7	1573.6	1568.6	1564.3
60.5°	1565.6	1558.2	1546.4	1541.5	1537.2
61°	1537.2	1529.8	1518.7	1513.8	1509.4
61.5°	1508.2	1502.0	1490.9	1486.0	1482.3
62°	1479.8	1473.7	1462.6	1458.3	1454.6
62.5°	1450.9	1444.7	1433.6	1429.3	1425.6
63°	1421.9	1415.7	1405.2	1400.9	1397.2
63.5°	1392.3	1386.1	1376.3	1371.9	1368.2
64°	1362.7	1356.5	1346.0	1343.0	1338.6
64.5°	1333.1	1326.9	1316.4	1313.4	1309.7
65°	1302.9	1297.9	1288.1	1284.4	1281.9
65.5°	1273.3	1267.1	1257.9	1254.8	1251.1
66°	1241.8	1236.9	1227.7	1224.6	1222.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L935-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1150.6	1145.0	1137.0	1133.9	1130.8
68°	1119.1	1114.2	1106.2	1103.7	1100.6
68.5°	1087.7	1082.8	1074.7	1072.9	1071.0
69°	1056.2	1051.3	1044.5	1042.7	1040.2
69.5°	1025.4	1020.5	1014.3	1012.5	1009.4
70°	994.0	989.6	983.5	981.6	978.5
70.5°	962.5	958.2	952.7	950.8	947.7
71°	931.1	927.4	922.4	920.0	916.9
71.5°	900.2	896.5	891.0	889.1	886.7
72°	868.8	865.7	860.2	858.9	855.8
72.5°	837.3	834.9	829.3	828.1	825.6
73°	805.9	803.4	797.9	796.7	794.8
73.5°	775.1	772.6	767.7	765.8	764.0
74°	744.2	742.4	737.5	736.2	733.8
74.5°	712.8	711.6	707.2	705.4	703.5
75°	681.3	681.3	677.0	675.8	673.9
75.5°	651.1	651.1	646.8	645.6	643.7
76°	620.9	620.9	616.6	615.4	613.0
76.5°	590.4	590.6	587.0	585.7	583.7
77°	561.2	561.4	558.1	556.5	554.4
77.5°	529.9	531.4	528.7	527.2	525.2
78°	500.7	502.6	499.8	498.6	496.9
78.5°	473.2	474.4	472.6	471.2	468.8
79°	444.4	445.4	444.2	443.0	440.6
79.5°	416.1	417.6	416.8	415.7	413.0
80°	388.9	390.0	390.2	388.5	386.0
80.5°	360.3	362.6	362.9	361.3	360.0
81°	333.8	336.0	336.6	335.6	333.9
81.5°	307.8	310.3	310.9	310.3	308.1
82°	281.7	284.8	285.7	285.3	282.8
82.5°	256.8	260.3	261.3	260.9	258.6
83°	232.6	236.4	237.3	237.6	235.5
83.5°	209.3	212.9	214.0	214.4	212.1
84°	186.8	190.0	191.5	192.1	190.2
84.5°	165.5	168.1	169.9	170.7	169.8
85°	145.4	147.2	148.9	150.0	148.7
85.5°	125.9	127.4	128.6	130.3	129.3
86°	107.8	109.3	110.1	111.5	111.5
86.5°	90.5	91.2	91.9	93.5	93.5
87°	74.0	74.1	74.3	76.3	76.4
87.5°	57.1	57.6	57.8	59.6	60.2
88°	40.3	41.7	42.1	43.7	43.6
88.5°	28.5	28.5	28.4	30.1	30.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L935-CFD2

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	0.7
97.5°	0.7	0.6	0.6	0.6	0.7
98°	0.8	0.7	0.7	0.7	0.8
98.5°	0.8	0.7	0.6	0.6	0.7
99°	0.7	0.7	0.7	0.6	0.7
99.5°	0.8	0.6	0.7	0.7	0.7
100°	0.8	0.7	0.7	0.7	0.8
100.5°	0.8	0.8	0.7	0.8	0.8
101°	0.9	0.7	0.7	0.7	0.7
101.5°	0.9	0.7	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	0.7	0.9	0.8	0.9
103.5°	0.9	0.9	0.9	0.9	0.8
104°	1.0	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	1.0	1.0
105.5°	1.0	0.9	1.0	0.9	0.9
106°	1.0	1.0	1.0	1.0	1.1
106.5°	1.1	1.0	1.0	1.0	0.9
107°	1.0	1.0	1.1	1.1	1.0
107.5°	1.2	1.0	1.1	1.2	1.1
108°	1.2	1.0	1.0	1.2	1.0
108.5°	1.2	1.2	1.2	1.1	1.0
109°	1.2	1.2	1.2	1.2	1.2
109.5°	1.3	1.1	1.3	1.2	1.1
110°	1.2	1.2	1.2	1.3	1.2
110.5°	1.3	1.2	1.3	1.3	1.4
111°	1.3	1.4	1.4	1.4	1.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L935-CFD2

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L935-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	3.2	3.0	2.9	2.8	3.1
135.5°	3.0	3.1	2.9	2.8	3.0
136°	3.0	2.9	2.8	2.7	3.0
136.5°	3.0	2.9	2.8	2.7	2.9
137°	3.0	2.8	2.8	2.7	2.8
137.5°	2.9	2.8	2.7	2.5	2.7
138°	2.8	2.7	2.6	2.5	2.7
138.5°	2.9	2.7	2.7	2.5	2.7
139°	2.5	2.7	2.6	2.3	2.7
139.5°	2.7	2.5	2.5	2.4	2.7
140°	2.7	2.5	2.5	2.3	2.5
140.5°	2.7	2.5	2.5	2.3	2.5
141°	2.5	2.5	2.4	2.2	2.3
141.5°	2.3	2.5	2.5	2.2	2.3
142°	2.3	2.3	2.4	2.3	2.2
142.5°	2.3	2.4	2.3	2.2	2.2
143°	2.4	2.3	2.3	2.3	2.2
143.5°	2.4	2.3	2.3	2.2	2.2
144°	2.4	2.2	2.4	2.1	2.2
144.5°	2.3	2.2	2.3	2.2	2.2
145°	2.3	2.2	2.3	2.0	2.2
145.5°	2.3	2.2	2.2	2.0	2.3
146°	2.3	2.2	2.1	2.0	2.2
146.5°	2.3	2.2	2.1	2.0	2.2
147°	2.3	2.2	2.0	2.1	2.1
147.5°	2.2	2.2	2.0	2.1	2.3
148°	2.3	2.2	2.1	2.0	2.3
148.5°	2.3	2.2	2.1	2.0	2.3
149°	2.3	2.2	2.1	2.0	2.3
149.5°	2.4	2.1	2.1	2.0	2.3
150°	2.3	2.2	2.1	2.0	2.3
150.5°	2.3	2.2	2.1	2.1	2.3
151°	2.4	2.2	2.0	2.1	2.4
151.5°	2.3	2.2	2.0	2.1	2.4
152°	2.4	2.2	2.2	2.2	2.3
152.5°	2.4	2.3	2.1	2.2	2.4
153°	2.3	2.2	2.2	2.3	2.5
153.5°	2.5	2.3	2.1	2.2	2.4
154°	2.4	2.3	2.2	2.2	2.4
154.5°	2.4	2.2	2.2	2.3	2.5
155°	2.3	2.3	2.3	2.3	2.5
155.5°	2.4	2.2	2.2	2.3	2.5
156°	2.3	2.3	2.3	2.3	2.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L935-CFD2

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L935-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°	2534.2	2531.2	2518.8	2507.1	2502.2
22°	2533.0	2529.9	2517.0	2505.3	2500.3



44°	2268.5	2259.2	2240.7	2229.6	2222.2
44.5°	2254.3	2244.4	2227.2	2215.5	2208.1



66.5°	1211.6	1206.7	1197.4	1194.4	1191.3
67°	1181.4	1175.9	1167.2	1164.1	1161.7



89°	18.0	17.7	17.5	18.4	18.7
89.5°	8.0	8.1	7.9	8.4	8.3



111.5°	1.5	1.4	1.4	1.4	1.4
112°	1.5	1.4	1.4	1.4	1.5



134°	3.1	3.1	3.0	3.0	3.1
134.5°	3.2	3.0	3.0	2.8	3.0



156.5°	2.4	2.2	2.3	2.3	2.4
157°	2.3	2.2	2.3	2.3	2.4



179°	2.7	2.6	2.5	2.5	2.7
179.5°	2.3	2.5	2.4	2.3	2.5



(END OF REPORT)