

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-L930-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-110-L930-CFR2
Description: 11000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS
AND 3000K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

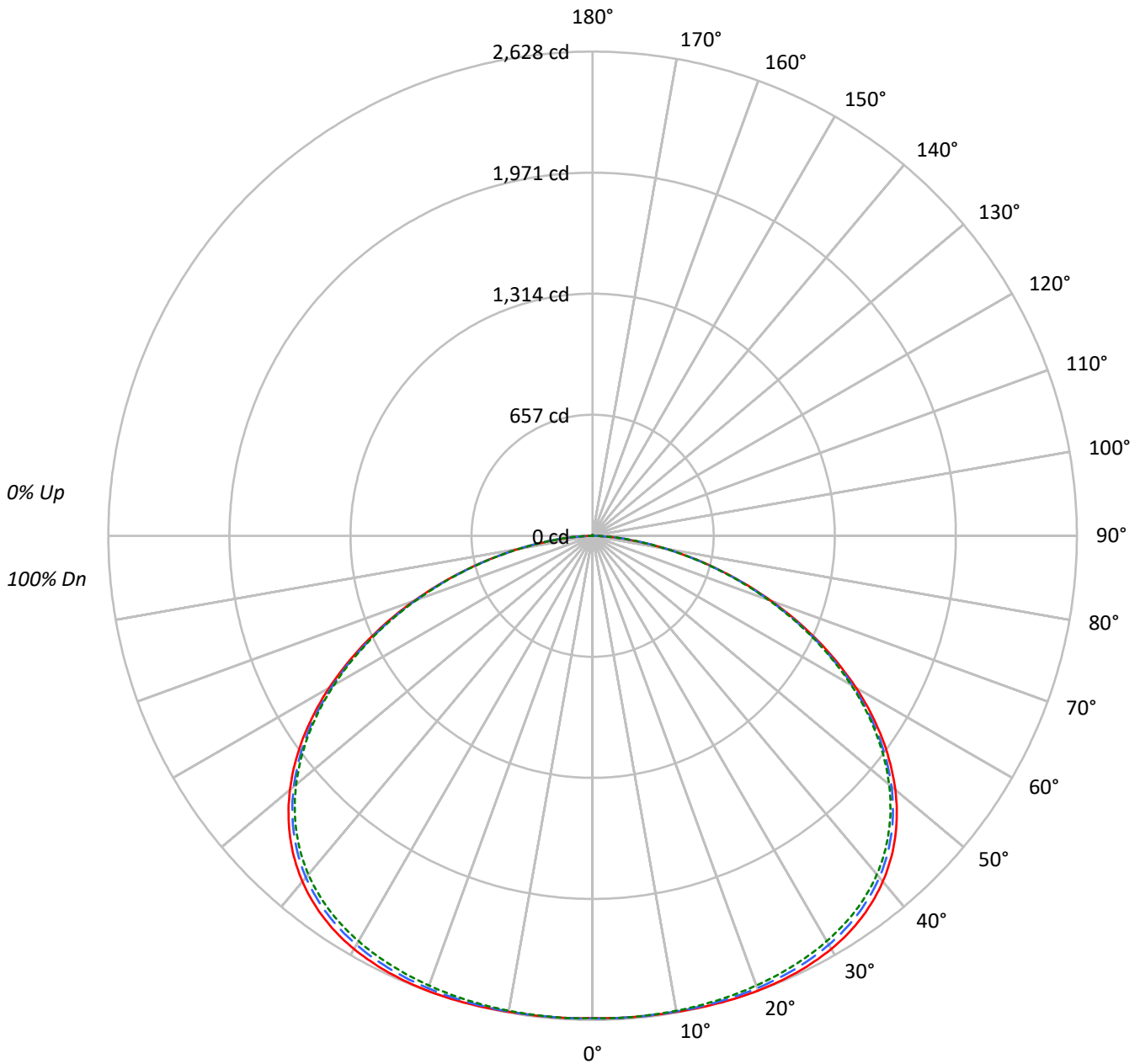
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9483.0 lumens
Efficiency: N/A
Efficacy: 109.5 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): 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°	1870	1870	1870
5°	1879	1879	1878
10°	1902	1900	1898
15°	1942	1937	1930
20°	1995	1985	1974
25°	2061	2045	2029
30°	2135	2113	2094
35°	2211	2186	2166
40°	2283	2256	2236
45°	2343	2314	2295
50°	2381	2352	2333
55°	2388	2359	2341
60°	2357	2327	2314
65°	2280	2254	2243
70°	2149	2127	2116
75°	1947	1935	1926
80°	1656	1662	1644
85°	1234	1264	1262



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	250.2	2.6
10°-20°	742.3	7.8
20°-30°	1199.9	12.7
30°-40°	1571.7	16.6
40°-50°	1767.8	18.6
50°-60°	1691.6	17.8
60°-70°	1319.3	13.9
70°-80°	743.5	7.8
80°-90°	184.0	1.9
90°-100°	0.6	0.0
100°-110°	1.1	0.0
110°-120°	1.9	0.0
120°-130°	3.0	0.0
130°-140°	2.4	0.0
140°-150°	1.5	0.0
150°-160°	1.1	0.0
160°-170°	0.7	0.0
170°-180°	0.3	0.0
0°-30°	2192.5	23.1
0°-40°	3764.1	39.7
0°-60°	7223.6	76.2
0°-90°	9470.5	99.9
90°-120°	3.6	0.0
90°-150°	10.5	0.1
90°-180°	13.0	0.1
0°-180°	9483.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2619	2619	2619	2619	2619	
5°	2622	2622	2622	2622	2621	250
15°	2627	2627	2620	2614	2611	745
25°	2616	2612	2596	2581	2576	1209
35°	2537	2529	2508	2492	2485	1588
45°	2321	2310	2292	2281	2273	1788
55°	1919	1909	1895	1887	1881	1710
65°	1350	1345	1334	1330	1328	1332
75°	706	706	701	700	698	748
85°	151	152	154	155	154	175
90°	1	1	1	2	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	4	3	3	3
135°	3	3	3	3	3	3
145°	2	2	2	2	2	2
155°	2	2	2	2	3	1
165°	2	2	2	2	3	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°	2618.9	2618.9	2618.9	2618.9	2618.9
0.5°	2618.3	2620.2	2620.8	2620.2	2618.9
1°	2618.9	2620.2	2620.8	2620.8	2619.6
1.5°	2619.6	2620.8	2620.8	2620.8	2620.2
2°	2619.6	2620.8	2620.8	2621.5	2620.2
2.5°	2620.2	2621.5	2621.5	2621.5	2620.2
3°	2620.8	2621.5	2621.5	2621.5	2620.8
3.5°	2620.8	2621.5	2621.5	2621.5	2620.8
4°	2621.5	2621.5	2621.5	2621.5	2620.8
4.5°	2621.5	2622.1	2621.5	2621.5	2620.8
5°	2621.5	2622.1	2621.5	2621.5	2620.8
5.5°	2621.5	2622.1	2621.5	2621.5	2620.8
6°	2622.1	2622.1	2621.5	2621.5	2620.2
6.5°	2622.1	2622.8	2622.1	2621.5	2620.2
7°	2622.1	2622.8	2621.5	2621.5	2620.2
7.5°	2622.1	2622.8	2621.5	2620.8	2619.6
8°	2622.8	2622.8	2622.1	2620.8	2619.6
8.5°	2622.8	2623.4	2621.5	2620.8	2618.9
9°	2623.4	2623.4	2622.1	2620.2	2618.9
9.5°	2623.4	2624.0	2621.5	2620.2	2618.3
10°	2624.0	2624.0	2621.5	2619.6	2617.7
10.5°	2624.7	2624.7	2621.5	2619.6	2617.7
11°	2624.7	2624.7	2621.5	2618.9	2617.0
11.5°	2625.3	2625.3	2621.5	2618.3	2616.4
12°	2625.3	2625.3	2621.5	2618.3	2615.7
12.5°	2626.0	2625.3	2620.8	2617.7	2615.1
13°	2626.0	2625.3	2620.8	2617.0	2614.5
13.5°	2626.6	2626.0	2620.8	2616.4	2613.8
14°	2626.6	2626.0	2620.8	2615.7	2612.5
14.5°	2627.2	2626.0	2620.2	2615.1	2611.9
15°	2627.2	2626.6	2620.2	2614.5	2611.3
15.5°	2627.9	2626.6	2619.6	2613.2	2610.0
16°	2627.2	2626.6	2618.9	2612.5	2608.7
16.5°	2627.9	2626.6	2618.9	2611.3	2607.4
17°	2627.9	2626.0	2618.3	2610.0	2606.8
17.5°	2627.9	2626.0	2617.0	2609.3	2605.5
18°	2627.9	2626.0	2616.4	2608.1	2603.6
18.5°	2627.9	2625.3	2615.7	2606.8	2602.3
19°	2627.2	2625.3	2615.1	2605.5	2601.0
19.5°	2627.2	2624.7	2613.8	2603.6	2599.1
20°	2626.6	2624.0	2612.5	2602.3	2597.8
20.5°	2626.0	2623.4	2611.9	2601.0	2595.9
21°	2626.0	2622.8	2610.6	2599.1	2594.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	2623.4	2619.6	2606.2	2593.4	2587.6
23°	2622.1	2618.3	2604.2	2591.5	2585.7
23.5°	2620.8	2617.0	2602.3	2588.9	2583.2
24°	2619.6	2615.7	2600.4	2586.4	2580.6
24.5°	2618.3	2613.8	2598.5	2583.8	2578.0
25°	2616.4	2611.9	2595.9	2581.2	2575.5
25.5°	2614.5	2610.0	2593.4	2578.7	2572.3
26°	2612.5	2608.1	2590.8	2576.1	2569.7
26.5°	2610.6	2605.5	2588.3	2572.9	2566.6
27°	2608.1	2603.0	2585.1	2569.7	2563.4
27.5°	2605.5	2600.4	2581.9	2566.6	2560.2
28°	2603.0	2597.2	2578.7	2563.4	2557.0
28.5°	2599.8	2594.0	2575.5	2559.5	2553.1
29°	2596.6	2590.8	2571.7	2555.7	2549.3
29.5°	2593.4	2587.0	2567.8	2551.9	2544.8
30°	2589.5	2583.2	2563.4	2547.4	2540.4
30.5°	2585.7	2579.3	2558.9	2542.9	2536.5
31°	2581.2	2574.9	2554.4	2538.4	2531.4
31.5°	2577.4	2570.4	2549.3	2534.0	2526.9
32°	2572.3	2565.3	2544.8	2528.9	2521.8
32.5°	2567.2	2560.2	2539.1	2523.1	2516.1
33°	2562.1	2554.4	2533.3	2518.0	2510.3
33.5°	2556.3	2548.7	2527.6	2512.3	2504.6
34°	2549.9	2542.3	2521.2	2505.9	2498.8
34.5°	2543.6	2535.9	2514.8	2499.5	2492.5
35°	2537.2	2528.9	2507.8	2492.5	2485.4
35.5°	2530.1	2521.8	2500.8	2485.4	2478.4
36°	2523.1	2514.2	2493.1	2478.4	2470.7
36.5°	2514.8	2506.5	2485.4	2470.7	2463.7
37°	2506.5	2498.2	2477.1	2462.4	2455.4
37.5°	2498.2	2489.3	2468.8	2454.1	2446.5
38°	2489.3	2481.0	2459.9	2445.8	2438.2
38.5°	2480.3	2471.4	2450.3	2436.2	2429.2
39°	2470.7	2461.2	2440.7	2427.3	2419.6
39.5°	2460.5	2450.9	2431.1	2417.1	2410.1
40°	2449.7	2440.7	2420.3	2406.9	2399.8
40.5°	2439.4	2429.9	2409.4	2396.6	2389.0
41°	2427.9	2418.4	2398.6	2385.1	2377.5
41.5°	2415.8	2406.2	2386.4	2373.6	2366.0
42°	2403.7	2394.1	2374.3	2362.1	2353.8
42.5°	2390.9	2381.3	2361.5	2349.4	2341.7
43°	2378.1	2367.9	2348.7	2336.6	2328.9
43.5°	2364.7	2354.5	2335.3	2323.2	2315.5



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	2320.6	2310.4	2291.9	2281.0	2272.7
45.5°	2305.3	2294.4	2276.6	2265.7	2258.0
46°	2289.3	2278.5	2260.6	2249.7	2242.1
46.5°	2272.7	2261.9	2244.6	2233.8	2226.1
47°	2255.5	2245.3	2227.4	2217.8	2209.5
47.5°	2238.2	2227.4	2210.1	2200.5	2192.2
48°	2221.0	2209.5	2192.9	2182.7	2174.3
48.5°	2202.5	2191.6	2175.0	2165.4	2157.7
49°	2182.7	2172.4	2155.8	2145.6	2138.6
49.5°	2163.5	2153.3	2136.7	2127.1	2119.4
50°	2143.7	2132.8	2117.5	2107.9	2100.3
50.5°	2123.2	2112.4	2097.1	2087.5	2080.5
51°	2102.8	2091.9	2076.6	2067.0	2059.4
51.5°	2081.1	2070.2	2054.9	2046.0	2038.9
52°	2059.4	2048.5	2033.2	2024.9	2017.9
52.5°	2037.7	2026.8	2011.5	2002.5	1996.1
53°	2014.0	2003.8	1989.7	1981.4	1974.4
53.5°	1990.4	1980.2	1966.1	1957.8	1951.4
54°	1966.8	1956.5	1942.5	1934.2	1928.4
54.5°	1943.8	1932.9	1919.5	1911.2	1905.4
55°	1918.8	1908.6	1895.2	1886.9	1881.2
55.5°	1893.9	1883.7	1870.3	1862.0	1856.9
56°	1867.7	1858.2	1844.7	1837.7	1832.6
56.5°	1841.6	1832.6	1819.2	1812.2	1807.1
57°	1816.0	1806.4	1793.6	1787.3	1782.1
57.5°	1790.5	1780.2	1767.5	1761.1	1756.0
58°	1762.3	1752.8	1740.6	1734.2	1729.8
58.5°	1734.9	1725.9	1713.2	1707.4	1702.9
59°	1707.4	1698.5	1686.3	1680.6	1676.1
59.5°	1678.7	1670.4	1658.2	1652.5	1648.0
60°	1650.6	1641.6	1630.1	1625.0	1620.5
60.5°	1621.8	1614.2	1602.0	1596.9	1592.4
61°	1592.4	1584.8	1573.3	1568.2	1563.7
61.5°	1562.4	1556.0	1544.5	1539.4	1535.6
62°	1533.0	1526.6	1515.1	1510.7	1506.8
62.5°	1503.0	1496.6	1485.1	1480.7	1476.8
63°	1473.0	1466.6	1455.7	1451.3	1447.4
63.5°	1442.3	1435.9	1425.7	1421.2	1417.4
64°	1411.7	1405.3	1394.4	1391.2	1386.8
64.5°	1381.0	1374.6	1363.8	1360.6	1356.7
65°	1349.7	1344.6	1334.4	1330.5	1328.0
65.5°	1319.0	1312.7	1303.1	1299.9	1296.1
66°	1286.5	1281.4	1271.8	1268.6	1266.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1191.9	1186.2	1177.9	1174.7	1171.5
68°	1159.4	1154.2	1145.9	1143.4	1140.2
68.5°	1126.8	1121.7	1113.4	1111.4	1109.5
69°	1094.2	1089.1	1082.1	1080.1	1077.6
69.5°	1062.3	1057.2	1050.8	1048.8	1045.7
70°	1029.7	1025.2	1018.8	1016.9	1013.7
70.5°	997.1	992.6	986.9	985.0	981.8
71°	964.5	960.7	955.6	953.0	949.8
71.5°	932.6	928.8	923.0	921.1	918.5
72°	900.0	896.8	891.1	889.8	886.6
72.5°	867.4	864.9	859.1	857.9	855.3
73°	834.9	832.3	826.6	825.3	823.4
73.5°	802.9	800.4	795.3	793.3	791.4
74°	771.0	769.1	764.0	762.7	760.1
74.5°	738.4	737.1	732.7	730.7	728.8
75°	705.8	705.8	701.4	700.1	698.2
75.5°	674.5	674.5	670.1	668.8	666.9
76°	643.2	643.2	638.8	637.5	635.0
76.5°	611.6	611.9	608.1	606.8	604.7
77°	581.3	581.6	578.2	576.5	574.4
77.5°	549.0	550.5	547.7	546.1	544.0
78°	518.7	520.7	517.8	516.6	514.8
78.5°	490.3	491.5	489.6	488.1	485.7
79°	460.4	461.4	460.2	458.9	456.5
79.5°	431.0	432.6	431.8	430.7	427.8
80°	402.9	404.0	404.2	402.5	399.9
80.5°	373.2	375.6	376.0	374.3	372.9
81°	345.8	348.1	348.7	347.7	345.9
81.5°	318.9	321.5	322.1	321.5	319.2
82°	291.9	295.0	296.0	295.6	293.0
82.5°	266.0	269.6	270.6	270.3	267.9
83°	241.0	244.9	245.9	246.2	244.0
83.5°	216.8	220.5	221.7	222.1	219.7
84°	193.5	196.9	198.4	199.0	197.1
84.5°	171.4	174.1	176.0	176.8	175.9
85°	150.6	152.5	154.3	155.4	154.1
85.5°	130.4	132.0	133.2	135.0	133.9
86°	111.7	113.2	114.1	115.5	115.5
86.5°	93.8	94.5	95.2	96.8	96.8
87°	76.7	76.7	77.0	79.1	79.1
87.5°	59.1	59.7	59.9	61.8	62.4
88°	41.7	43.2	43.6	45.3	45.2
88.5°	29.5	29.5	29.4	31.2	31.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	1.4	1.3	1.4	1.5	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°	1.0	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°	1.0	1.0	0.9	0.9	0.8
104°	1.1	1.0	1.0	0.9	0.8
104.5°	1.0	1.0	1.0	1.0	0.9
105°	1.1	1.0	1.0	1.1	1.1
105.5°	1.1	0.9	1.0	1.0	1.0
106°	1.0	1.0	1.1	1.1	1.1
106.5°	1.1	1.0	1.1	1.0	1.0
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-L930-CFR2

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L930-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	3.3	3.1	3.0	2.9	3.2
135.5°	3.1	3.2	3.0	2.9	3.1
136°	3.1	3.0	2.9	2.7	3.1
136.5°	3.1	3.0	2.9	2.7	3.0
137°	3.1	2.9	2.9	2.7	2.9
137.5°	3.0	2.9	2.8	2.6	2.8
138°	2.9	2.8	2.7	2.6	2.8
138.5°	3.0	2.8	2.7	2.6	2.7
139°	2.6	2.7	2.7	2.4	2.8
139.5°	2.8	2.6	2.6	2.5	2.7
140°	2.7	2.6	2.6	2.4	2.6
140.5°	2.7	2.6	2.6	2.4	2.6
141°	2.6	2.6	2.5	2.3	2.4
141.5°	2.4	2.6	2.6	2.3	2.4
142°	2.4	2.4	2.5	2.4	2.2
142.5°	2.4	2.5	2.4	2.3	2.2
143°	2.5	2.4	2.4	2.4	2.2
143.5°	2.5	2.4	2.4	2.2	2.2
144°	2.5	2.3	2.5	2.2	2.3
144.5°	2.4	2.3	2.4	2.2	2.3
145°	2.4	2.3	2.4	2.1	2.3
145.5°	2.4	2.2	2.3	2.1	2.4
146°	2.4	2.2	2.2	2.1	2.3
146.5°	2.4	2.2	2.2	2.1	2.3
147°	2.4	2.2	2.1	2.2	2.2
147.5°	2.3	2.2	2.1	2.2	2.4
148°	2.4	2.2	2.2	2.1	2.4
148.5°	2.4	2.3	2.2	2.1	2.4
149°	2.4	2.2	2.2	2.1	2.4
149.5°	2.5	2.2	2.2	2.1	2.4
150°	2.4	2.3	2.2	2.1	2.4
150.5°	2.4	2.2	2.2	2.2	2.4
151°	2.5	2.2	2.1	2.2	2.5
151.5°	2.4	2.3	2.1	2.2	2.5
152°	2.5	2.3	2.2	2.3	2.4
152.5°	2.5	2.4	2.2	2.2	2.5
153°	2.4	2.3	2.2	2.4	2.6
153.5°	2.6	2.4	2.2	2.3	2.5
154°	2.5	2.4	2.3	2.3	2.5
154.5°	2.5	2.3	2.3	2.4	2.6
155°	2.4	2.4	2.4	2.4	2.6
155.5°	2.5	2.3	2.3	2.4	2.6
156°	2.4	2.4	2.4	2.4	2.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L930-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	2.4	2.2	2.3	2.4	2.5
158°	2.6	2.4	2.3	2.4	2.6
158.5°	2.4	2.4	2.2	2.4	2.5
159°	2.5	2.4	2.3	2.4	2.6
159.5°	2.4	2.3	2.3	2.4	2.7
160°	2.4	2.4	2.2	2.4	2.6
160.5°	2.4	2.3	2.3	2.4	2.6
161°	2.4	2.3	2.3	2.4	2.6
161.5°	2.4	2.4	2.3	2.3	2.4
162°	2.4	2.3	2.4	2.4	2.4
162.5°	2.5	2.4	2.4	2.4	2.5
163°	2.5	2.4	2.4	2.4	2.4
163.5°	2.4	2.4	2.4	2.4	2.6
164°	2.4	2.4	2.4	2.6	2.6
164.5°	2.3	2.5	2.4	2.6	2.6
165°	2.4	2.4	2.3	2.5	2.6
165.5°	2.2	2.4	2.3	2.7	2.6
166°	2.4	2.4	2.4	2.6	2.5
166.5°	2.4	2.4	2.3	2.6	2.4
167°	2.4	2.6	2.4	2.7	2.6
167.5°	2.4	2.6	2.4	2.7	2.6
168°	2.5	2.5	2.4	2.7	2.6
168.5°	2.4	2.6	2.5	2.9	2.6
169°	2.6	2.6	2.4	2.9	2.6
169.5°	2.6	2.6	2.4	2.8	2.7
170°	2.6	2.6	2.5	2.9	2.6
170.5°	2.6	2.7	2.5	2.9	2.7
171°	2.6	2.6	2.6	2.9	2.8
171.5°	2.6	2.6	2.6	2.9	2.7
172°	2.6	2.6	2.7	2.9	2.7
172.5°	2.7	2.7	2.7	2.9	2.7
173°	2.6	2.6	2.7	2.9	2.8
173.5°	2.7	2.7	2.8	2.9	2.9
174°	2.8	2.8	3.0	2.9	2.8
174.5°	2.8	2.9	2.9	3.1	2.9
175°	3.0	2.9	3.0	3.1	2.9
175.5°	3.0	2.9	3.1	3.0	3.0
176°	3.1	3.1	3.0	2.9	2.9
176.5°	3.2	3.0	3.1	2.8	2.9
177°	3.1	3.0	2.9	2.8	2.9
177.5°	3.1	3.0	2.8	2.7	3.0
178°	2.9	2.9	2.7	2.7	2.8
178.5°	2.9	2.8	2.7	2.7	2.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L930-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	2.5	2.5	2.5	2.5	2.5



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	2625.3	2622.1	2609.3	2597.2	2592.1
22°	2624.0	2620.8	2607.4	2595.3	2590.2



44°	2350.0	2340.4	2321.3	2309.8	2302.1
44.5°	2335.3	2325.1	2307.2	2295.1	2287.4



66.5°	1255.2	1250.1	1240.5	1237.3	1234.1
67°	1223.9	1218.1	1209.2	1206.0	1203.4



89°	18.7	18.3	18.1	19.1	19.4
89.5°	8.2	8.4	8.2	8.8	8.6



111.5°	1.6	1.4	1.5	1.5	1.4
112°	1.6	1.5	1.5	1.5	1.6



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



156.5°	2.5	2.3	2.4	2.4	2.5
157°	2.4	2.3	2.4	2.4	2.5



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



(END OF REPORT)