

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: PORTFOLIO

Report Number: P859368

Luminaire Tested: **LX4C65D010 EX4C659035 4LBLWWH**

Issue Date: 2/14/2022



Test Information

Test Method: LM-79-08
Report Number: P859368
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2107-320-2)
Test Lab: INNOVATION CENTER
Issue Date: 2/14/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C65D010 EX4C659035 4LBLWWH
Description: 4 INCH 6500 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 3500K, 90CRI LEDS
AND 4LRLWW TRIM WITH H FINISH
Light Source: -
Ballast/Driver: -

Summary

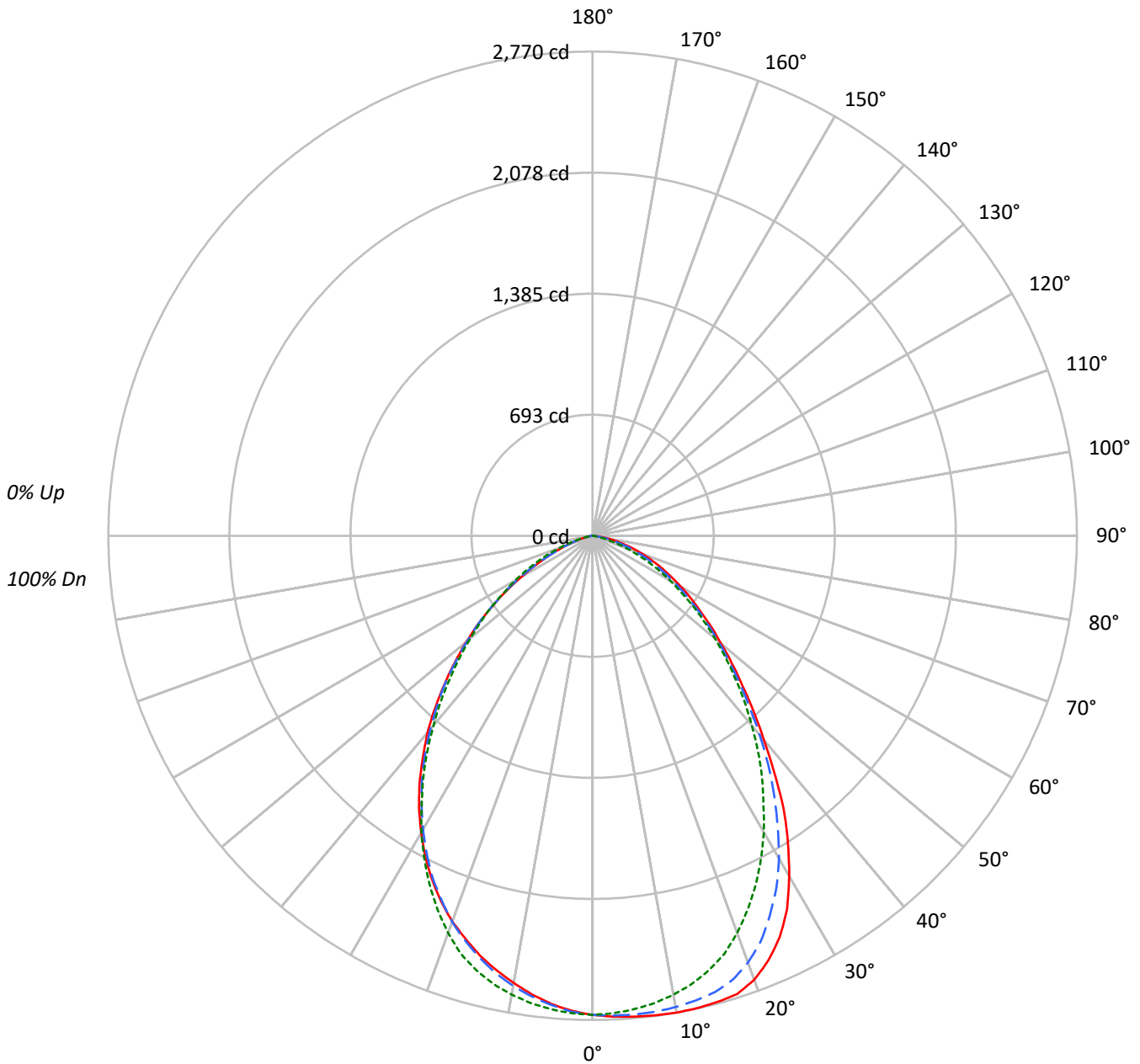
Lumens per Lamp: N/A
Luminaire Lumens: 5166.0 lumens
Efficiency: N/A
Efficacy: 71.4 lumens/watt
Spacing Criteria (0/90/45): 1.15 / 1.09 / 1.17
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 72.4
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: P859368

CATALOG NUMBER: LX4C65D010 EX4C659035 4LBLWWH

Luminous Intensity Polar Plot





TEST NUMBER: P859368

CATALOG NUMBER: LX4C65D010 EX4C659035 4LBLWWH

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			100
1	111	107	104	101	108	105	102	99	101	98	96	97	95	93	94	92	90	88			88
2	103	96	90	86	100	94	89	85	91	86	83	88	84	81	85	82	79	77			77
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	68			68
4	88	78	70	64	86	77	69	64	74	68	63	72	67	62	70	65	62	60			60
5	82	71	63	57	80	69	62	57	67	61	56	66	60	55	64	59	55	53			53
6	76	64	56	51	74	63	56	50	62	55	50	60	54	50	59	53	49	47			47
7	71	59	51	46	69	58	51	45	57	50	45	55	49	45	54	49	44	43			43
8	67	54	47	41	65	54	46	41	52	46	41	51	45	41	50	45	40	39			39
9	62	50	43	38	61	50	42	37	48	42	37	47	41	37	47	41	37	35			35
10	59	47	39	34	58	46	39	34	45	39	34	44	38	34	43	38	34	32			32

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	336766	336766	336766
5°	340519	335327	331677
10°	345516	332493	324072
15°	351190	327189	316327
20°	353424	316059	306960
25°	343290	298977	294409
30°	319012	277888	278044
35°	285570	253310	258694
40°	244490	227073	235365
45°	210470	200219	207725
50°	182965	174307	179544
55°	161005	149953	148583
60°	143247	125114	115286
65°	125668	100232	83372
70°	107939	70834	56430
75°	87577	41059	33037
80°	62683	17899	16414
85°	23822	7471	7471



TEST NUMBER: P859368

CATALOG NUMBER: LX4C65D010 EX4C659035 4LBLWWH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	258.3	5.0
10°-20°	731.3	14.2
20°-30°	1044.2	20.2
30°-40°	1092.4	21.1
40°-50°	915.3	17.7
50°-60°	640.6	12.4
60°-70°	348.8	6.8
70°-80°	121.1	2.3
80°-90°	13.9	0.3
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	2033.9	39.4
0°-40°	3126.3	60.5
0°-60°	4682.2	90.6
0°-90°	5166.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5166.0	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	2741	2741	2741	2741	2741	
5°	2761	2749	2719	2696	2690	264
15°	2761	2703	2572	2499	2487	780
25°	2532	2398	2206	2162	2172	1156
35°	1904	1810	1689	1702	1725	1181
45°	1211	1184	1152	1190	1196	942
55°	752	726	700	700	694	679
65°	432	394	345	290	287	430
75°	184	150	86	70	70	199
85°	17	10	5	5	5	30
90°	0	0	0	0	0	



TEST NUMBER: P859368

CATALOG NUMBER: LX4C65D010 EX4C659035 4LBLWWH

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	2741.2	2741.2	2741.2	2741.2	2741.2	2741.2	2741.2	2741.2	2741.2	2741.2	2741.2
2.5°	2753.9	2750.7	2751.7	2751.7	2751.7	2750.7	2751.7	2750.7	2750.7	2749.6	2747.5
5°	2761.2	2759.1	2759.1	2759.1	2758.1	2757.0	2757.0	2756.0	2753.9	2752.8	2748.6
7.5°	2766.5	2764.4	2764.4	2763.3	2762.3	2761.2	2760.2	2757.0	2753.9	2751.7	2746.5
10°	2769.7	2766.5	2766.5	2764.4	2762.3	2761.2	2759.1	2754.9	2750.7	2745.4	2738.0
12.5°	2767.6	2764.4	2763.3	2761.2	2757.0	2754.9	2752.8	2747.5	2740.2	2732.8	2723.3
15°	2761.2	2759.1	2757.0	2753.9	2748.6	2745.4	2743.3	2734.9	2725.4	2714.8	2703.3
17.5°	2748.6	2745.4	2741.2	2737.0	2729.6	2726.4	2721.2	2710.6	2696.9	2682.2	2664.2
20°	2703.3	2701.1	2696.9	2689.5	2677.9	2673.7	2666.3	2652.6	2634.7	2616.8	2597.8
22.5°	2628.4	2625.2	2618.9	2612.6	2602.0	2594.7	2588.3	2569.4	2549.3	2530.3	2512.4
25°	2532.5	2529.3	2520.9	2512.4	2501.9	2489.2	2482.9	2468.1	2448.1	2423.9	2397.5
27.5°	2409.1	2398.6	2395.4	2385.9	2370.1	2365.9	2356.4	2337.4	2318.4	2297.3	2275.2
30°	2248.8	2248.8	2242.5	2238.3	2223.5	2219.3	2208.8	2188.7	2178.2	2148.7	2131.8
32.5°	2079.1	2077.0	2071.7	2068.6	2060.1	2052.7	2042.2	2031.7	2008.5	1993.7	1970.5
35°	1904.1	1891.4	1893.5	1887.2	1881.9	1873.5	1872.5	1860.9	1839.8	1831.3	1810.2
37.5°	1704.8	1699.5	1706.9	1697.4	1692.2	1693.2	1684.8	1677.4	1669.0	1654.2	1650.0
40°	1524.5	1528.7	1527.7	1519.3	1523.5	1518.2	1509.8	1502.4	1498.2	1488.7	1485.5
42.5°	1363.2	1356.9	1354.8	1354.8	1355.8	1355.8	1351.6	1346.4	1346.4	1336.9	1327.4
45°	1211.4	1211.4	1209.3	1215.6	1206.1	1206.1	1203.0	1201.9	1197.7	1195.6	1184.0
47.5°	1080.7	1079.6	1078.6	1077.5	1076.5	1076.5	1070.1	1064.9	1063.8	1057.5	1051.1
50°	957.3	963.6	961.5	956.3	954.2	955.2	951.0	947.8	946.8	936.2	937.3
52.5°	854.0	852.9	855.0	851.9	846.6	847.7	843.4	839.2	835.0	829.7	825.5
55°	751.7	757.0	754.9	751.7	750.7	748.6	745.4	740.1	739.1	727.5	726.4
57.5°	666.3	665.3	663.2	657.9	656.8	653.7	653.7	649.5	643.1	636.8	631.5
60°	583.0	583.0	579.9	578.8	574.6	573.5	572.5	568.3	560.9	555.6	547.2
62.5°	502.9	505.0	502.9	499.7	496.6	492.4	490.3	487.1	480.8	475.5	468.1
65°	432.3	431.2	430.2	425.9	424.9	420.7	419.6	413.3	407.0	402.7	394.3
67.5°	364.8	361.6	361.6	359.5	357.4	354.2	352.1	345.8	338.4	334.2	325.8
70°	300.5	298.4	298.4	298.4	293.1	289.9	288.9	285.7	275.2	271.0	262.5
72.5°	241.4	240.4	239.3	236.2	233.0	233.0	228.8	222.5	217.2	211.9	205.6
75°	184.5	186.6	184.5	180.3	179.2	177.1	174.0	168.7	163.4	157.1	149.7
77.5°	135.0	132.8	130.7	130.7	128.6	124.4	123.4	119.1	112.8	108.6	101.2
80°	88.6	87.5	85.4	83.3	82.2	81.2	80.1	75.9	69.6	66.4	60.1
82.5°	48.5	47.4	47.4	46.4	43.2	43.2	42.2	38.0	34.8	32.7	29.5
85°	16.9	16.9	16.9	15.8	15.8	15.8	14.8	13.7	12.7	11.6	9.5
87.5°	2.1	1.1	2.1	1.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P859368

CATALOG NUMBER: LX4C65D010 EX4C659035 4LBLWWH

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	2741.2	2741.2	2741.2	2741.2	2741.2	2741.2	2741.2	2741.2	2741.2	2741.2	2741.2
2.5°	2745.4	2743.3	2742.3	2741.2	2740.2	2739.1	2738.0	2735.9	2734.9	2733.8	2731.7
5°	2745.4	2741.2	2739.1	2735.9	2733.8	2731.7	2728.6	2725.4	2722.2	2719.1	2715.9
7.5°	2741.2	2734.9	2730.7	2724.3	2722.2	2719.1	2712.7	2708.5	2703.3	2696.9	2689.5
10°	2730.7	2723.3	2714.8	2706.4	2703.3	2698.0	2689.5	2682.2	2673.7	2665.3	2657.9
12.5°	2713.8	2702.2	2691.7	2680.1	2673.7	2668.5	2656.9	2646.3	2635.8	2626.3	2613.6
15°	2688.5	2674.8	2661.1	2645.3	2637.9	2631.6	2614.7	2602.0	2585.2	2572.5	2559.9
17.5°	2647.4	2626.3	2609.4	2589.4	2578.8	2571.5	2556.7	2536.7	2520.9	2507.1	2492.4
20°	2576.7	2556.7	2533.5	2511.4	2499.8	2490.3	2469.2	2448.1	2432.3	2417.5	2401.7
22.5°	2484.0	2458.7	2441.8	2414.4	2404.9	2393.3	2368.0	2349.0	2331.1	2316.3	2301.6
25°	2371.1	2349.0	2325.8	2300.5	2288.9	2275.2	2254.1	2234.1	2222.5	2205.6	2187.7
27.5°	2241.5	2223.5	2195.1	2172.9	2161.3	2150.8	2130.8	2112.8	2096.0	2084.4	2067.5
30°	2104.4	2083.3	2058.0	2034.8	2028.5	2015.8	1997.9	1984.2	1966.3	1958.9	1951.5
32.5°	1953.6	1929.4	1910.4	1895.6	1883.0	1872.5	1863.0	1840.8	1837.7	1818.7	1816.6
35°	1789.2	1778.6	1760.7	1748.0	1737.5	1730.1	1714.3	1703.8	1692.2	1689.0	1681.6
37.5°	1634.2	1621.5	1604.7	1593.1	1585.7	1584.6	1573.0	1566.7	1558.3	1554.1	1545.6
40°	1471.8	1466.5	1451.8	1449.7	1438.1	1437.0	1430.7	1423.3	1415.9	1415.9	1417.0
42.5°	1322.1	1315.8	1309.5	1302.1	1295.7	1295.7	1292.6	1290.5	1288.4	1285.2	1290.5
45°	1181.9	1173.4	1169.2	1161.8	1165.0	1158.7	1156.6	1156.6	1153.4	1152.4	1159.7
47.5°	1051.1	1041.7	1037.4	1035.3	1035.3	1036.4	1026.9	1030.1	1029.0	1031.1	1034.3
50°	932.0	923.6	917.2	917.2	918.3	914.1	909.9	913.0	909.9	912.0	919.4
52.5°	821.3	812.9	809.7	809.7	803.4	802.3	804.4	800.2	801.3	802.3	806.5
55°	719.0	713.8	708.5	703.2	704.3	702.2	698.0	696.9	699.0	700.1	705.3
57.5°	627.3	619.9	612.6	610.4	608.3	608.3	603.1	602.0	604.1	598.8	598.8
60°	539.8	535.6	526.1	522.9	522.9	517.7	513.4	515.6	510.3	509.2	510.3
62.5°	458.6	455.5	449.1	442.8	440.7	438.6	433.3	431.2	429.1	424.9	418.6
65°	388.0	380.6	373.2	369.0	365.8	360.6	357.4	353.2	346.9	344.8	338.4
67.5°	317.3	310.0	302.6	299.4	296.3	293.1	287.8	282.6	275.2	266.7	259.4
70°	255.1	245.7	241.4	233.0	230.9	226.7	219.3	214.0	206.6	197.2	189.8
72.5°	195.0	188.7	182.4	175.0	169.7	166.6	160.3	151.8	143.4	138.1	130.7
75°	140.2	137.1	128.6	120.2	118.1	113.9	106.5	101.2	94.9	86.5	80.1
77.5°	94.9	88.6	83.3	75.9	73.8	69.6	65.4	60.1	55.9	50.6	46.4
80°	55.9	50.6	47.4	42.2	40.1	38.0	34.8	30.6	27.4	25.3	24.2
82.5°	27.4	23.2	22.1	19.0	17.9	16.9	14.8	13.7	11.6	11.6	11.6
85°	9.5	7.4	7.4	6.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.1	1.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P859368

CATALOG NUMBER: LX4C65D010 EX4C659035 4LBLWWH

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	2741.2	2741.2	2741.2	2741.2	2741.2	2741.2	2741.2	2741.2	2741.2	2741.2	2741.2
2.5°	2730.7	2729.6	2728.6	2727.5	2727.5	2726.4	2726.4	2725.4	2725.4	2724.3	2724.3
5°	2711.7	2708.5	2706.4	2704.3	2704.3	2701.1	2699.0	2696.9	2695.9	2695.9	2693.8
7.5°	2685.3	2681.1	2676.9	2673.7	2672.7	2667.4	2663.2	2663.2	2659.0	2656.9	2654.8
10°	2650.5	2643.2	2636.8	2633.7	2629.4	2626.3	2621.0	2617.9	2614.7	2609.4	2608.4
12.5°	2603.1	2597.8	2588.3	2584.1	2582.0	2575.7	2567.2	2563.0	2562.0	2557.8	2554.6
15°	2549.3	2537.7	2529.3	2524.0	2524.0	2513.5	2509.3	2502.9	2498.7	2495.6	2494.5
17.5°	2479.7	2468.1	2459.7	2452.3	2450.2	2441.8	2435.5	2433.3	2428.1	2430.2	2424.9
20°	2390.1	2380.6	2374.3	2364.8	2364.8	2359.5	2357.4	2352.2	2350.1	2347.9	2350.1
22.5°	2294.2	2282.6	2272.0	2271.0	2271.0	2263.6	2262.5	2261.5	2257.3	2260.4	2259.4
25°	2181.4	2172.9	2166.6	2165.6	2165.6	2161.3	2157.1	2159.2	2162.4	2161.3	2164.5
27.5°	2064.3	2055.9	2053.8	2052.7	2050.6	2049.6	2051.7	2051.7	2054.8	2059.1	2063.3
30°	1937.8	1935.7	1932.5	1931.5	1929.4	1934.7	1936.8	1939.9	1938.9	1945.2	1949.4
32.5°	1811.3	1807.1	1806.0	1808.1	1811.3	1810.2	1816.6	1818.7	1820.8	1828.2	1831.3
35°	1683.7	1682.7	1680.6	1680.6	1681.6	1690.1	1690.1	1697.4	1701.7	1703.8	1712.2
37.5°	1546.7	1550.9	1553.0	1556.2	1557.2	1560.4	1562.5	1569.9	1574.1	1578.3	1582.5
40°	1421.2	1419.1	1428.6	1422.3	1424.4	1433.9	1438.1	1437.0	1443.4	1449.7	1453.9
42.5°	1287.3	1290.5	1292.6	1294.7	1300.0	1301.0	1306.3	1313.7	1315.8	1323.2	1325.3
45°	1157.6	1158.7	1162.9	1167.1	1170.3	1178.7	1180.8	1184.0	1190.3	1190.3	1193.5
47.5°	1035.3	1039.5	1039.5	1045.9	1051.1	1050.1	1057.5	1059.6	1058.5	1063.8	1065.9
50°	918.3	924.6	923.6	927.8	929.9	931.0	937.3	939.4	935.2	940.4	941.5
52.5°	806.5	809.7	813.9	815.0	812.9	818.1	816.0	820.3	819.2	823.4	819.2
55°	704.3	703.2	703.2	705.3	703.2	705.3	707.4	703.2	700.1	704.3	703.2
57.5°	602.0	602.0	599.9	603.1	599.9	596.7	595.7	592.5	589.4	589.4	588.3
60°	506.1	504.0	499.7	498.7	498.7	493.4	491.3	487.1	487.1	482.9	478.7
62.5°	416.5	411.2	408.0	408.0	405.9	400.6	391.1	384.8	382.7	376.4	375.3
65°	332.1	326.8	323.7	317.3	312.1	310.0	300.5	293.1	289.9	283.6	284.7
67.5°	255.1	246.7	237.2	233.0	229.8	222.5	219.3	214.0	210.9	210.9	210.9
70°	183.4	176.1	166.6	163.4	161.3	155.0	151.8	150.8	153.9	152.9	153.9
72.5°	123.4	116.0	111.8	109.6	107.5	104.4	106.5	107.5	105.4	106.5	107.5
75°	74.9	72.7	69.6	68.5	68.5	69.6	68.5	68.5	69.6	69.6	70.6
77.5°	43.2	41.1	41.1	40.1	42.2	41.1	41.1	41.1	42.2	42.2	42.2
80°	23.2	23.2	23.2	23.2	24.2	23.2	24.2	24.2	24.2	24.2	24.2
82.5°	11.6	11.6	11.6	12.7	12.7	12.7	12.7	12.7	12.7	12.7	11.6
85°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
87.5°	1.1	2.1	2.1	2.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P859368

CATALOG NUMBER: LX4C65D010 EX4C659035 4LBLWWH

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	2741.2	2741.2	2741.2	2741.2	2741.2	2741.2	2741.2	2741.2
2.5°	2722.2	2722.2	2722.2	2720.1	2721.2	2721.2	2720.1	2720.1
5°	2692.7	2691.7	2689.5	2689.5	2687.4	2689.5	2688.5	2689.5
7.5°	2652.6	2652.6	2649.5	2649.5	2648.4	2647.4	2646.3	2647.4
10°	2605.2	2605.2	2603.1	2602.0	2603.1	2598.9	2598.9	2597.8
12.5°	2552.5	2550.4	2548.3	2549.3	2548.3	2545.1	2544.0	2545.1
15°	2491.3	2488.2	2489.2	2486.1	2486.1	2485.0	2487.1	2487.1
17.5°	2423.9	2421.7	2419.6	2420.7	2418.6	2419.6	2418.6	2417.5
20°	2349.0	2347.9	2347.9	2343.7	2344.8	2343.7	2344.8	2347.9
22.5°	2262.5	2261.5	2262.5	2259.4	2261.5	2261.5	2264.7	2264.7
25°	2167.7	2166.6	2168.7	2169.8	2170.8	2174.0	2170.8	2171.9
27.5°	2062.2	2065.4	2068.6	2069.6	2073.8	2070.7	2068.6	2071.7
30°	1955.7	1955.7	1954.7	1958.9	1962.1	1965.2	1960.0	1960.0
32.5°	1833.4	1838.7	1838.7	1839.8	1842.9	1842.9	1842.9	1847.2
35°	1716.4	1719.6	1720.6	1716.4	1718.5	1717.5	1724.9	1724.9
37.5°	1585.7	1585.7	1586.7	1594.1	1594.1	1591.0	1593.1	1593.1
40°	1461.3	1462.3	1458.1	1460.2	1465.5	1463.4	1465.5	1467.6
42.5°	1325.3	1332.6	1328.4	1330.5	1329.5	1330.5	1331.6	1331.6
45°	1195.6	1197.7	1197.7	1198.8	1200.9	1203.0	1196.6	1195.6
47.5°	1069.1	1070.1	1073.3	1068.0	1074.3	1068.0	1074.3	1067.0
50°	941.5	945.7	942.6	944.7	941.5	941.5	940.4	939.4
52.5°	820.3	819.2	819.2	818.1	818.1	820.3	818.1	821.3
55°	699.0	700.1	698.0	696.9	695.8	699.0	695.8	693.7
57.5°	584.1	586.2	582.0	584.1	576.7	579.9	580.9	582.0
60°	477.6	474.4	474.4	470.2	470.2	473.4	469.2	469.2
62.5°	370.1	372.2	369.0	373.2	373.2	377.4	375.3	377.4
65°	283.6	284.7	285.7	285.7	285.7	292.0	289.9	286.8
67.5°	214.0	215.1	216.1	215.1	218.2	216.1	216.1	217.2
70°	155.0	156.0	157.1	157.1	156.0	157.1	157.1	157.1
72.5°	107.5	108.6	107.5	108.6	109.6	108.6	108.6	109.6
75°	70.6	70.6	69.6	69.6	69.6	69.6	70.6	69.6
77.5°	41.1	42.2	41.1	42.2	42.2	42.2	42.2	42.2
80°	24.2	24.2	24.2	23.2	24.2	24.2	24.2	23.2
82.5°	12.7	12.7	11.6	11.6	12.7	12.7	12.7	12.7
85°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



Report Generated By 670246072 / DESKTOP-50001EG





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













(END OF REPORT)