

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: P#

Luminaire Tested: **LD4C55D010 EX4C559040 4LBSQLWWLI**

Issue Date: 2/18/2022

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 (P219529)
Test Lab: INNOVATION CENTER
Issue Date: 2/18/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD4C55D010 EX4C559040 4LBSQLWWLI
Description: 4 INCH 5500 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 4000K, 90CRI LEDS
AND 4LBSQLWW TRIM WITH LI FINISH
Light Source: -
Ballast/Driver: -

Luminaire Equipment: Sample No. Condition Description

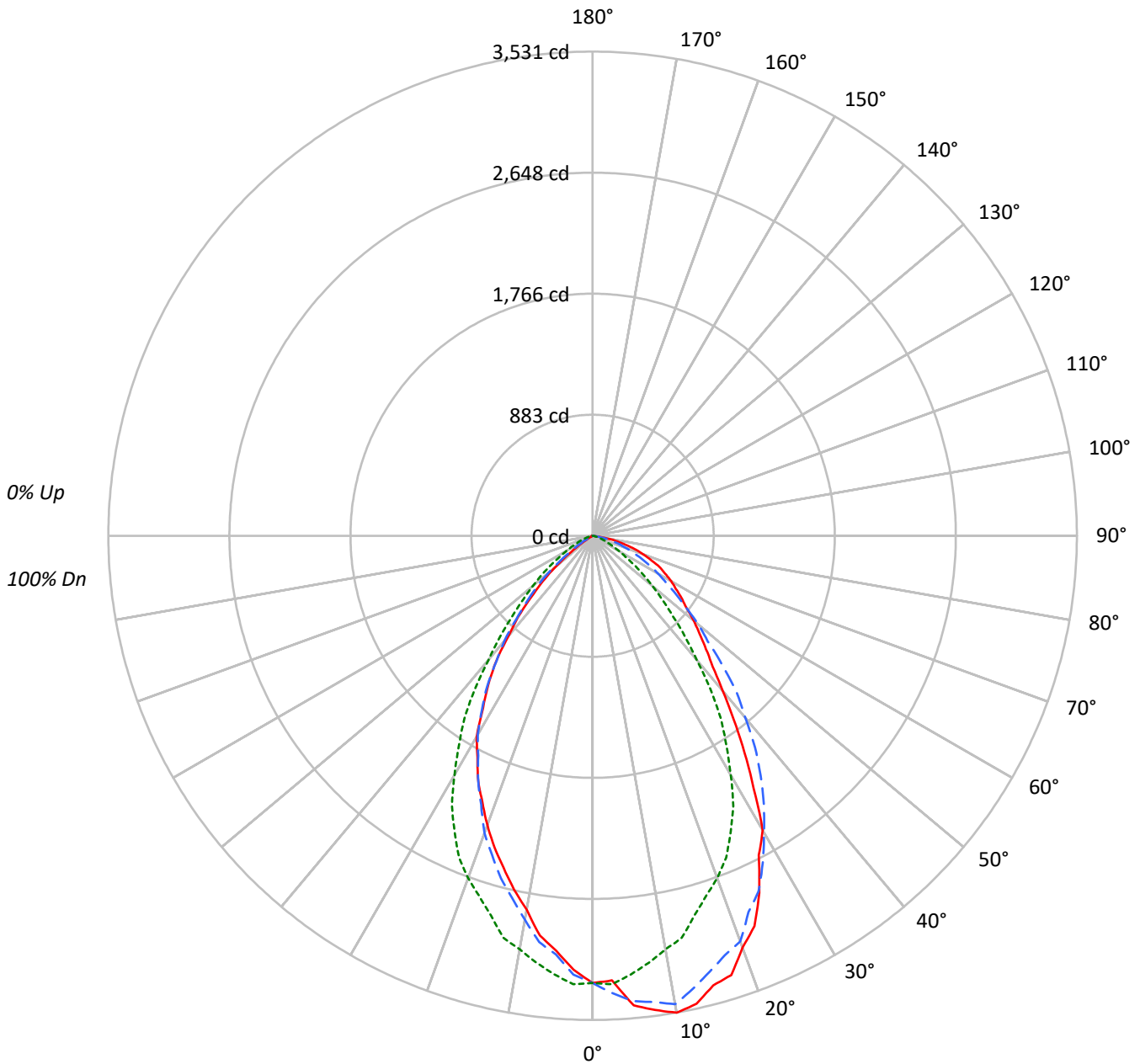
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4675.0 lumens
Efficiency: N/A
Efficacy: 73.2 lumens/watt
Spacing Criteria (0/90/45): 1.01 / 1 / 1.06
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 63.9
Input Voltage (V):
Input Current (Ain): 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: LD4C55D010 EX4C559040 4LBSQLWWLI

Luminous Intensity Polar Plot





TEST NUMBER: P#

CATALOG NUMBER: LD4C55D010 EX4C559040 4LBSQLWWLI

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20									20									20									20									
RC	80									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	112	108	105	102	109	106	103	101	102	100	98	98	96	95	95	93	92	90																			
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	84	82	80																			
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	77	74	72																			
4	91	81	74	69	89	80	74	69	78	72	68	76	71	67	74	70	66	64																			
5	85	75	67	62	83	74	67	62	72	66	61	70	65	60	68	64	60	58																			
6	80	69	61	56	78	68	61	56	66	60	55	65	59	55	63	58	54	53																			
7	75	63	56	51	73	63	56	51	61	55	50	60	54	50	59	54	50	48																			
8	70	59	52	47	69	58	51	46	57	51	46	56	50	46	55	50	46	44																			
9	66	55	48	43	65	54	47	43	53	47	43	52	46	42	51	46	42	41																			
10	62	51	44	40	61	51	44	40	50	44	39	49	43	39	48	43	39	38																			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	314689	314689	314689
5°	332938	310980	294311
10°	345988	300017	271270
15°	339076	286332	250401
20°	328067	272650	230489
25°	306019	253543	210255
30°	276244	224380	188226
35°	227549	192094	156156
40°	185699	148264	120188
45°	159558	112603	86445
50°	144406	85713	54595
55°	132896	61839	19749
60°	127539	42243	3010
65°	123197	28585	913
70°	110307	19833	1128
75°	90405	10215	0
80°	56510	4334	0
85°	0	0	0



TEST NUMBER: P#

CATALOG NUMBER: LD4C55D010 EX4C559040 4LBSQLWWLI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	305.6	6.5
10°-20°	823.3	17.6
20°-30°	1099.3	23.5
30°-40°	1043.6	22.3
40°-50°	721.4	15.4
50°-60°	398.6	8.5
60°-70°	197.9	4.2
70°-80°	78.0	1.7
80°-90°	7.4	0.2
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°	2228.2	47.7
0°-40°	3271.7	70.0
0°-60°	4391.7	93.9
0°-90°	4675.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4675.0	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	3261	3261	3261	3261	3261	
5°	3437	3406	3211	3066	3039	329
15°	3394	3293	2866	2585	2507	960
25°	2874	2863	2382	1975	1975	1310
35°	1932	2135	1631	1341	1326	1210
45°	1169	1341	825	677	634	912
55°	790	743	368	188	117	711
65°	540	391	125	4	4	524
75°	242	149	27	0	0	258
85°	0	4	0	0	0	22
90°	0	0	0	0	0	



TEST NUMBER: P#

CATALOG NUMBER: LD4C55D010 EX4C559040 4LBSQLWWLI

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	3261.4	3261.4	3261.4	3261.4	3261.4	3261.4	3261.4	3261.4	3261.4	3261.4	3261.4
2.5°	3245.8	3335.7	3343.5	3335.7	3347.5	3343.5	3363.1	3343.5	3367.1	3331.9	3339.7
5°	3437.4	3402.2	3476.5	3437.4	3437.4	3433.6	3421.8	3417.8	3433.6	3382.7	3406.2
7.5°	3488.3	3539.2	3605.7	3523.5	3527.4	3527.4	3503.9	3496.1	3496.1	3402.2	3429.6
10°	3531.3	3499.9	3535.2	3503.9	3531.3	3527.4	3543.0	3492.1	3527.4	3472.7	3468.7
12.5°	3496.1	3484.3	3531.3	3480.5	3464.9	3468.7	3449.2	3437.4	3449.2	3386.6	3382.7
15°	3394.4	3406.2	3476.5	3421.8	3414.0	3406.2	3382.7	3343.5	3374.9	3288.8	3292.8
17.5°	3359.3	3339.7	3351.5	3304.4	3316.2	3308.4	3304.4	3269.4	3261.4	3206.7	3206.7
20°	3195.0	3237.9	3237.9	3206.7	3206.7	3202.9	3152.0	3183.2	3148.0	3132.4	3148.0
22.5°	3081.5	3085.5	3085.5	3058.1	3062.1	3046.4	3019.0	2999.4	3019.0	2999.4	2968.1
25°	2874.4	2882.2	2929.1	2878.2	2870.4	2886.0	2862.6	2850.8	2847.0	2800.1	2862.6
27.5°	2624.0	2702.2	2698.3	2678.7	2702.2	2670.9	2659.3	2663.1	2674.9	2670.9	2686.5
30°	2479.4	2491.0	2502.8	2487.2	2491.0	2479.4	2479.4	2483.2	2514.5	2502.8	2498.9
32.5°	2186.0	2225.1	2256.5	2256.5	2260.3	2272.1	2268.1	2350.2	2369.9	2330.8	2323.0
35°	1931.8	1959.3	1986.5	1990.5	2041.4	2045.2	2049.2	2072.6	2127.3	2139.1	2135.1
37.5°	1689.4	1716.7	1724.5	1759.8	1787.2	1814.5	1845.9	1877.1	1924.0	1963.1	1943.6
40°	1474.3	1486.0	1505.6	1521.2	1575.9	1575.9	1591.5	1654.2	1705.1	1736.3	1732.3
42.5°	1294.5	1298.3	1313.9	1341.4	1392.2	1380.4	1392.2	1435.3	1509.4	1513.4	1556.5
45°	1169.3	1165.3	1177.1	1180.9	1212.4	1228.0	1235.8	1267.0	1329.6	1337.4	1341.4
47.5°	1055.9	1051.9	1071.6	1079.4	1091.0	1106.6	1106.6	1110.6	1134.1	1153.7	1138.0
50°	962.0	962.0	962.0	969.8	989.4	985.4	989.4	1005.1	1016.7	1008.9	1005.1
52.5°	860.3	875.9	887.7	891.7	895.5	895.5	899.5	891.7	887.7	875.9	852.5
55°	790.0	805.6	805.6	805.6	805.6	821.2	801.7	805.6	805.6	774.3	743.1
57.5°	719.6	735.3	746.9	731.3	746.9	731.3	723.5	719.6	711.7	680.4	633.5
60°	660.9	668.8	664.8	660.9	668.8	657.0	649.2	633.5	625.7	582.7	551.4
62.5°	594.5	598.3	602.3	594.5	586.6	582.7	567.0	543.6	528.0	492.7	465.3
65°	539.6	528.0	524.0	520.1	512.3	500.5	488.9	461.5	449.7	418.4	391.0
67.5°	457.5	453.7	461.5	449.7	430.2	430.2	418.4	395.0	367.6	348.1	320.7
70°	391.0	387.2	379.3	367.6	363.7	348.1	348.1	320.7	312.9	277.6	254.2
72.5°	320.7	320.7	308.9	297.2	285.4	277.6	273.8	254.2	242.5	222.9	203.3
75°	242.5	242.5	238.5	226.8	218.9	211.1	207.3	191.7	179.9	160.4	148.6
77.5°	172.1	172.1	156.4	148.6	152.4	144.6	136.8	133.0	129.0	117.4	101.7
80°	101.7	97.7	86.1	89.9	86.1	86.1	82.1	78.1	70.3	62.5	54.7
82.5°	27.4	31.3	31.3	31.3	35.2	27.4	27.4	27.4	31.3	31.3	19.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0	4.0
87.5°	4.0	7.8	15.6	15.6	15.6	15.6	15.6	11.8	11.8	11.8	7.8
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: P#

CATALOG NUMBER: LD4C55D010 EX4C559040 4LBSQLWWLI

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	3261.4	3261.4	3261.4	3261.4	3261.4	3261.4	3261.4	3261.4	3261.4	3261.4	3261.4
2.5°	3300.6	3296.6	3300.6	3273.2	3335.7	3288.8	3281.0	3273.2	3300.6	3273.2	3234.1
5°	3370.9	3331.9	3320.1	3308.4	3343.5	3288.8	3277.2	3281.0	3261.4	3210.7	3214.5
7.5°	3394.4	3359.3	3324.0	3249.7	3281.0	3269.4	3237.9	3214.5	3183.2	3140.2	3132.4
10°	3402.2	3363.1	3312.3	3288.8	3241.9	3226.3	3214.5	3175.4	3136.4	3062.1	3042.4
12.5°	3378.7	3331.9	3269.4	3249.7	3214.5	3163.6	3136.4	3097.1	3062.1	3003.4	2960.3
15°	3277.2	3237.9	3218.5	3152.0	3136.4	3105.0	3050.3	2995.6	2944.7	2866.4	2843.0
17.5°	3159.8	3144.2	3124.6	3073.7	3069.9	3038.6	2987.8	2940.7	2874.4	2753.0	2714.0
20°	3038.6	3038.6	2976.0	2956.5	2995.6	2932.9	2893.8	2850.8	2714.0	2655.3	2585.0
22.5°	2948.7	2905.6	2870.4	2839.1	2843.0	2803.9	2749.2	2663.1	2612.2	2541.9	2459.8
25°	2772.6	2788.3	2710.1	2698.3	2710.1	2620.0	2592.8	2522.3	2448.0	2381.5	2319.0
27.5°	2663.1	2620.0	2569.3	2526.3	2526.3	2491.0	2412.9	2397.3	2283.8	2221.2	2143.0
30°	2498.9	2467.6	2424.6	2362.0	2354.2	2326.8	2264.3	2225.1	2107.9	2013.9	1970.9
32.5°	2291.6	2279.9	2244.7	2174.4	2150.9	2119.5	2041.4	1974.9	1920.2	1814.5	1763.8
35°	2143.0	2100.1	2025.7	1967.1	1947.5	1892.8	1830.1	1783.2	1724.5	1630.8	1564.3
37.5°	1920.2	1877.1	1806.7	1736.3	1736.3	1681.6	1595.5	1548.6	1466.5	1411.7	1357.0
40°	1724.5	1669.8	1599.5	1517.4	1505.6	1427.3	1392.2	1313.9	1263.1	1177.1	1169.3
42.5°	1505.6	1454.7	1392.2	1329.6	1282.7	1243.6	1153.7	1095.0	1040.3	997.2	985.4
45°	1306.1	1239.6	1184.9	1106.6	1059.8	1012.9	954.2	915.1	872.1	825.2	797.8
47.5°	1134.1	1079.4	1001.1	930.8	883.9	860.3	793.8	750.9	715.6	684.4	664.8
50°	958.2	891.7	848.6	770.3	762.5	707.8	653.1	617.9	598.3	571.0	543.6
52.5°	825.2	762.5	703.8	645.3	613.9	594.5	543.6	508.4	481.1	461.5	445.8
55°	696.0	641.3	594.5	535.8	516.2	488.9	430.2	422.4	395.0	367.6	348.1
57.5°	598.3	547.4	492.7	453.7	418.4	399.0	351.9	320.7	305.0	281.6	262.0
60°	508.4	453.7	410.6	363.7	348.1	320.7	285.4	258.2	238.5	218.9	199.5
62.5°	426.2	379.3	332.5	293.2	269.8	254.2	226.8	203.3	183.9	168.2	152.4
65°	351.9	308.9	269.8	230.7	218.9	199.5	179.9	160.4	144.6	125.2	109.5
67.5°	289.4	250.3	211.1	183.9	172.1	164.2	140.8	121.2	109.5	97.7	82.1
70°	226.8	199.5	168.2	144.6	133.0	121.2	105.6	93.9	78.1	70.3	58.7
72.5°	176.0	152.4	125.2	105.6	97.7	89.9	74.3	62.5	54.7	46.9	39.1
75°	125.2	105.6	89.9	70.3	66.5	62.5	50.9	43.1	35.2	27.4	23.4
77.5°	86.1	70.3	54.7	46.9	43.1	35.2	31.3	23.4	19.6	15.6	11.8
80°	46.9	35.2	27.4	23.4	19.6	15.6	15.6	11.8	7.8	7.8	4.0
82.5°	15.6	11.8	7.8	4.0	4.0	4.0	4.0	4.0	4.0	0.0	4.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	0.0	0.0	0.0
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: P#

CATALOG NUMBER: LD4C55D010 EX4C559040 4LBSQLWWLI

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	3261.4	3261.4	3261.4	3261.4	3261.4	3261.4	3261.4	3261.4	3261.4	3261.4	3261.4
2.5°	3257.6	3214.5	3226.3	3226.3	3218.5	3218.5	3210.7	3198.9	3202.9	3179.3	3128.6
5°	3222.3	3167.6	3159.8	3167.6	3136.4	3128.6	3112.9	3136.4	3065.9	3093.3	3062.1
7.5°	3120.7	3069.9	3058.1	3085.5	3046.4	3022.8	3019.0	3050.3	2987.8	2956.5	2921.3
10°	3007.2	2987.8	2952.5	2932.9	2921.3	2925.1	2893.8	2854.8	2843.0	2835.2	2803.9
12.5°	2905.6	2862.6	2831.3	2807.9	2800.1	2800.1	2749.2	2741.4	2706.2	2698.3	2651.5
15°	2784.3	2733.6	2714.0	2682.7	2655.3	2670.9	2612.2	2596.6	2585.0	2534.1	2541.9
17.5°	2678.7	2624.0	2577.1	2557.5	2534.1	2510.7	2455.8	2467.6	2440.2	2440.2	2369.9
20°	2541.9	2483.2	2448.0	2408.9	2408.9	2377.7	2338.6	2342.4	2307.2	2272.1	2209.4
22.5°	2397.3	2334.6	2291.6	2275.9	2236.9	2229.1	2182.2	2170.4	2123.5	2127.3	2072.6
25°	2244.7	2182.2	2123.5	2127.3	2092.2	2076.6	2049.2	1994.5	1974.9	1951.4	1935.8
27.5°	2064.8	2021.8	1970.9	1967.1	1900.6	1904.4	1869.3	1853.7	1806.7	1818.5	1783.2
30°	1900.6	1838.1	1791.0	1779.4	1752.0	1744.1	1689.4	1665.9	1673.8	1642.4	1623.0
32.5°	1732.3	1638.6	1619.0	1595.5	1579.9	1560.3	1521.2	1536.9	1501.6	1509.4	1478.2
35°	1509.4	1470.4	1419.5	1419.5	1403.9	1388.2	1361.0	1376.6	1341.4	1325.7	1294.5
37.5°	1321.7	1286.7	1235.8	1251.4	1224.0	1200.6	1177.1	1180.9	1149.7	1145.9	1114.5
40°	1118.4	1098.8	1063.7	1063.7	1044.1	1044.1	1032.3	1020.7	1001.1	977.6	942.4
42.5°	926.8	911.1	895.5	899.5	872.1	895.5	864.3	883.9	821.2	817.4	793.8
45°	786.0	750.9	754.7	739.1	723.5	731.3	703.8	711.7	676.6	668.8	645.3
47.5°	637.5	625.7	602.3	594.5	594.5	582.7	571.0	567.0	551.4	531.8	500.5
50°	524.0	481.1	473.1	461.5	453.7	453.7	438.0	414.6	418.4	399.0	367.6
52.5°	410.6	375.4	359.7	355.9	340.3	332.5	312.9	297.2	285.4	277.6	258.2
55°	316.7	285.4	266.0	266.0	242.5	242.5	215.1	203.3	187.7	172.1	160.4
57.5°	238.5	222.9	203.3	187.7	179.9	160.4	144.6	125.2	113.4	89.9	74.3
60°	179.9	164.2	144.6	133.0	125.2	105.6	86.1	70.3	43.1	35.2	31.3
62.5°	133.0	117.4	97.7	89.9	82.1	66.5	46.9	23.4	11.8	11.8	11.8
65°	97.7	78.1	62.5	54.7	46.9	35.2	15.6	7.8	4.0	4.0	4.0
67.5°	66.5	50.9	35.2	31.3	23.4	11.8	4.0	4.0	4.0	4.0	4.0
70°	43.1	31.3	15.6	11.8	7.8	4.0	4.0	4.0	4.0	4.0	4.0
72.5°	27.4	15.6	7.8	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	15.6	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	7.8	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0	4.0
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: P#

CATALOG NUMBER: LD4C55D010 EX4C559040 4LBSQLWWLI

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	3261.4	3261.4	3261.4	3261.4	3261.4	3261.4	3261.4	3261.4
2.5°	3183.2	3155.8	3171.5	3136.4	3152.0	3179.3	3159.8	3167.6
5°	3073.7	3058.1	3038.6	2987.8	3026.8	3058.1	3042.4	3038.6
7.5°	2956.5	2901.6	2929.1	2913.4	2905.6	2936.9	2901.6	2940.7
10°	2835.2	2796.1	2792.3	2764.8	2764.8	2788.3	2792.3	2768.7
12.5°	2655.3	2635.8	2635.8	2631.8	2627.9	2651.5	2655.3	2643.6
15°	2526.3	2518.5	2498.9	2495.0	2471.6	2506.7	2510.7	2506.7
17.5°	2369.9	2373.7	2354.2	2354.2	2369.9	2381.5	2350.2	2381.5
20°	2264.3	2244.7	2236.9	2201.6	2221.2	2240.9	2240.9	2244.7
22.5°	2111.7	2080.4	2092.2	2072.6	2060.8	2088.3	2088.3	2100.1
25°	1939.6	1939.6	1947.5	1935.8	1943.6	1959.3	1947.5	1974.9
27.5°	1775.4	1791.0	1791.0	1775.4	1783.2	1830.1	1849.7	1818.5
30°	1623.0	1626.8	1638.6	1630.8	1654.2	1669.8	1665.9	1689.4
32.5°	1450.9	1470.4	1478.2	1466.5	1474.3	1509.4	1490.0	1486.0
35°	1317.9	1282.7	1278.8	1282.7	1298.3	1306.1	1298.3	1325.7
37.5°	1126.2	1114.5	1098.8	1102.8	1114.5	1130.2	1138.0	1157.5
40°	942.4	926.8	926.8	922.9	911.1	954.2	954.2	954.2
42.5°	782.1	778.2	758.7	758.7	774.3	786.0	778.2	805.6
45°	641.3	625.7	613.9	613.9	625.7	625.7	637.5	633.5
47.5°	504.5	488.9	492.7	481.1	492.7	508.4	488.9	492.7
50°	379.3	379.3	371.5	379.3	375.4	379.3	371.5	363.7
52.5°	258.2	293.2	297.2	281.6	246.4	215.1	195.5	211.1
55°	148.6	133.0	133.0	129.0	121.2	117.4	105.6	117.4
57.5°	74.3	66.5	66.5	66.5	62.5	58.7	50.9	50.9
60°	31.3	27.4	27.4	23.4	19.6	15.6	11.8	15.6
62.5°	11.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
65°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
67.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
70°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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)