

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: P879497

Luminaire Tested: **LD4C75D010 EU4759050 4LBLDWWLI**

Issue Date: 10/1/2024

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: P879497
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2107-320-5)
Test Lab: INNOVATION CENTER
Issue Date: 10/1/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD4C75D010 EU4759050 4LBLDWWLI
Description: 4 INCH 7500 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 5000K, 90CRI LEDS
AND 4LBLDWW TRIM WITH LI FINISH
Light Source: -
Ballast/Driver: -

Luminaire Equipment: Sample No. Condition Description

Summary

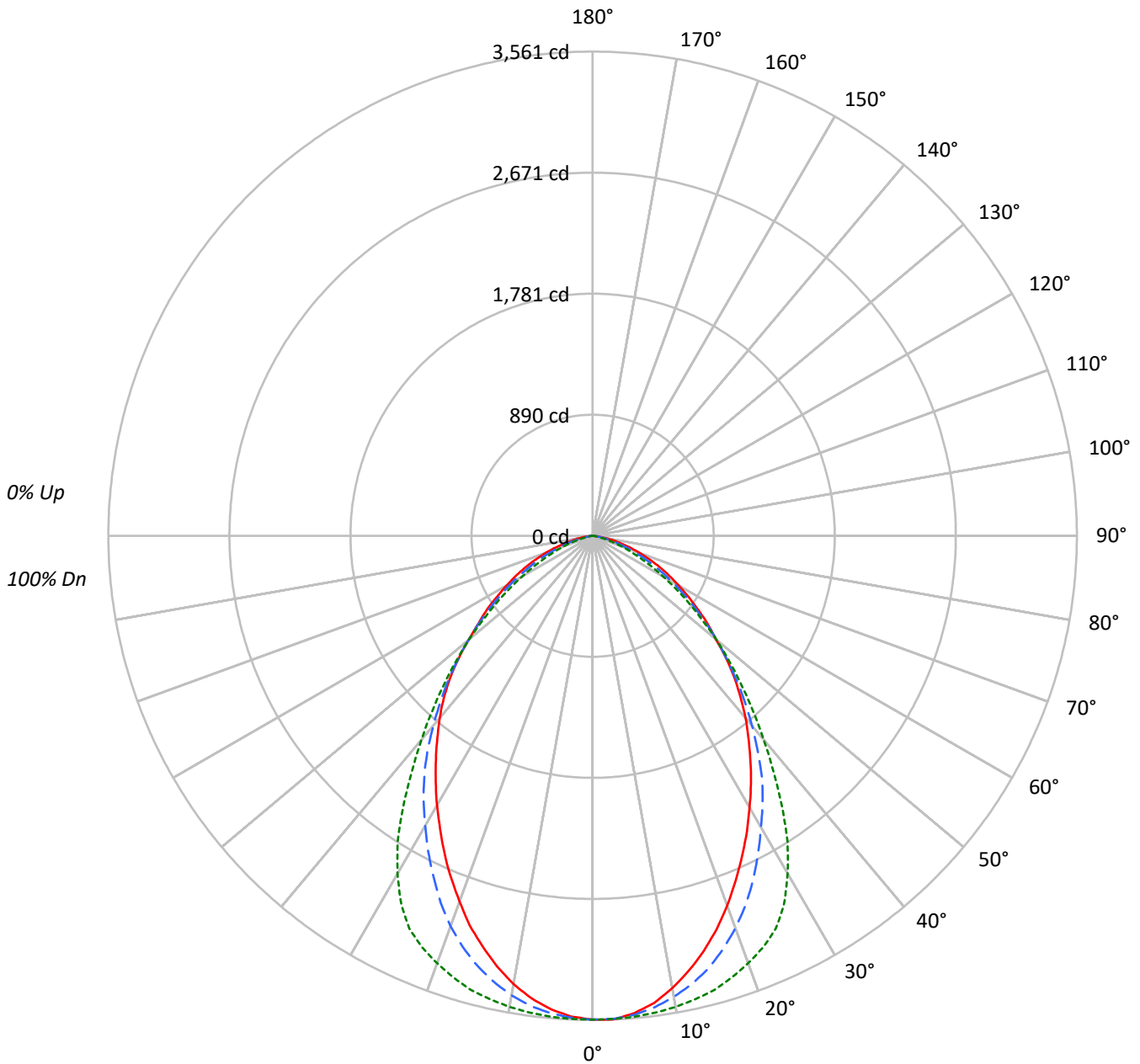
Lumens per Lamp: N/A
Luminaire Lumens: 6535.0 lumens
Efficiency: N/A
Efficacy: 80.2 lumens/watt
Spacing Criteria (0/90/45): 1 / 1.19 / 1.15
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 81.5
Input Voltage (V): NR
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: P879497

CATALOG NUMBER: LD4C75D010 EU4759050 4LBLDWWLI

Luminous Intensity Polar Plot





TEST NUMBER: P879497

CATALOG NUMBER: LD4C75D010 EU4759050 4LBLDWWLI

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	111	107	104	101	108	105	102	99	101	98	96	97	95	93	93	92	90	88																			
2	103	96	90	85	100	94	89	84	91	86	83	87	84	81	85	82	79	77																			
3	95	86	79	74	93	84	78	73	82	76	72	79	74	70	77	73	69	67																			
4	88	78	70	64	86	76	69	64	74	68	63	72	66	62	70	65	61	59																			
5	82	70	62	57	80	69	62	56	67	61	56	65	60	55	64	59	55	53																			
6	76	64	56	50	74	63	56	50	61	55	50	60	54	49	58	53	49	47																			
7	71	59	51	45	69	58	50	45	56	50	45	55	49	45	54	48	44	42																			
8	66	54	46	41	65	53	46	41	52	45	41	51	45	40	50	44	40	38																			
9	62	50	42	37	61	49	42	37	48	42	37	47	41	37	46	41	37	35																			
10	59	46	39	34	57	46	39	34	45	39	34	44	38	34	43	38	34	32																			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	437150	437150	437150
5°	434552	437833	431272
10°	421314	438903	417659
15°	401963	439877	397562
20°	378212	437371	374041
25°	352277	432186	349390
30°	327325	406993	324687
35°	303552	364023	301348
40°	280638	313916	280414
45°	255695	267961	257780
50°	225854	226599	227115
55°	202365	185252	203222
60°	178850	147129	179170
65°	157441	112180	155900
70°	130497	80317	130497
75°	101674	46090	97924
80°	65867	11320	63108
85°	24386	3806	18747



TEST NUMBER: P879497

CATALOG NUMBER: LD4C75D010 EU4759050 4LBLDWWLI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	334.0	5.1
10°-20°	924.1	14.1
20°-30°	1291.8	19.8
30°-40°	1362.7	20.9
40°-50°	1159.3	17.7
50°-60°	818.0	12.5
60°-70°	463.7	7.1
70°-80°	165.4	2.5
80°-90°	15.9	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°	2550.0	39.0
0°-40°	3912.7	59.9
0°-60°	5890.0	90.1
0°-90°	6535.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6535.0	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	3558	3558	3558	3558	3558	
5°	3524	3536	3550	3525	3497	332
15°	3160	3294	3458	3275	3126	886
25°	2599	2793	3188	2768	2578	1196
35°	2024	2170	2427	2158	2009	1265
45°	1472	1493	1542	1500	1484	1132
55°	945	913	865	916	949	849
65°	542	464	386	466	536	536
75°	214	146	97	144	206	232
85°	17	7	3	7	13	31
90°	0	0	0	0	0	



TEST NUMBER: P879497

CATALOG NUMBER: LD4C75D010 EU4759050 4LBLDWWLI

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	3558.3	3558.3	3558.3	3558.3	3558.3	3558.3	3558.3	3558.3	3558.3	3558.3	3558.3
2.5°	3560.9	3554.3	3554.3	3554.3	3554.3	3554.3	3554.3	3554.3	3554.3	3555.6	3555.6
5°	3523.7	3521.0	3519.7	3519.7	3519.7	3519.7	3521.0	3526.3	3529.0	3533.0	3535.6
7.5°	3465.1	3459.8	3462.5	3462.5	3465.1	3467.8	3471.8	3477.1	3485.1	3490.4	3497.1
10°	3377.3	3372.0	3378.6	3381.3	3389.3	3393.3	3399.9	3407.9	3423.9	3431.9	3442.5
12.5°	3274.8	3272.2	3274.8	3285.5	3293.5	3298.8	3306.8	3324.1	3340.0	3357.3	3376.0
15°	3160.4	3153.7	3157.7	3171.0	3184.3	3193.7	3200.3	3222.9	3244.2	3270.8	3293.5
17.5°	3032.6	3023.3	3034.0	3044.6	3061.9	3069.9	3079.2	3104.5	3133.8	3163.1	3188.3
20°	2892.9	2890.3	2896.9	2911.6	2928.9	2939.5	2947.5	2975.4	3000.7	3040.6	3069.9
22.5°	2747.9	2750.5	2755.9	2771.8	2783.8	2798.4	2810.4	2835.7	2865.0	2902.2	2939.5
25°	2598.8	2602.8	2612.1	2622.8	2642.8	2650.7	2665.4	2692.0	2717.3	2751.9	2793.1
27.5°	2455.1	2456.5	2467.1	2472.4	2491.1	2508.4	2515.0	2543.0	2572.2	2598.8	2634.8
30°	2307.4	2311.4	2318.1	2332.7	2351.3	2358.0	2366.0	2391.3	2413.9	2447.1	2475.1
32.5°	2166.4	2163.7	2171.7	2179.7	2201.0	2212.9	2216.9	2246.2	2266.2	2299.4	2326.0
35°	2024.0	2017.3	2029.3	2037.3	2055.9	2066.6	2071.9	2094.5	2113.1	2141.1	2170.4
37.5°	1881.6	1886.9	1892.2	1898.9	1908.2	1910.9	1926.8	1932.2	1956.1	1977.4	1993.4
40°	1749.9	1747.2	1744.5	1751.2	1763.2	1768.5	1769.8	1784.5	1789.8	1811.1	1823.0
42.5°	1608.8	1610.1	1608.8	1610.1	1616.8	1616.8	1620.8	1630.1	1634.1	1640.7	1655.4
45°	1471.7	1471.7	1467.8	1469.1	1470.4	1469.1	1470.4	1474.4	1482.4	1482.4	1493.0
47.5°	1329.4	1326.7	1332.0	1328.0	1325.4	1324.0	1328.0	1324.0	1332.0	1332.0	1334.7
50°	1181.7	1181.7	1188.3	1187.0	1189.6	1184.3	1185.6	1185.6	1187.0	1185.6	1191.0
52.5°	1067.2	1064.6	1061.9	1055.2	1057.9	1052.6	1052.6	1053.9	1049.9	1048.6	1041.9
55°	944.8	947.5	943.5	940.8	940.8	935.5	934.1	926.2	920.8	916.8	912.9
57.5°	834.3	837.0	835.7	829.0	821.0	822.4	819.7	811.7	799.7	791.8	785.1
60°	727.9	730.5	727.9	721.2	718.6	713.3	711.9	701.3	692.0	681.3	673.3
62.5°	632.1	632.1	630.7	621.4	614.8	616.1	609.5	601.5	589.5	574.9	562.9
65°	541.6	540.3	533.6	529.6	524.3	517.6	513.6	501.7	492.4	480.4	464.4
67.5°	451.1	447.1	444.5	440.5	428.5	427.2	421.8	411.2	397.9	388.6	375.3
70°	363.3	361.9	356.6	356.6	347.3	343.3	335.3	326.0	314.0	300.7	290.1
72.5°	287.4	284.8	279.4	274.1	266.1	263.5	256.8	247.5	236.9	223.6	210.2
75°	214.2	211.6	210.2	203.6	196.9	190.3	187.6	178.3	167.7	158.4	146.4
77.5°	150.4	147.7	143.7	139.7	135.7	131.7	127.7	119.8	110.4	102.5	91.8
80°	93.1	90.5	87.8	86.5	82.5	81.2	75.8	71.9	63.9	58.6	51.9
82.5°	47.9	47.9	45.2	43.9	41.3	39.9	38.6	34.6	30.6	26.6	22.6
85°	17.3	17.3	16.0	14.6	14.6	13.3	13.3	12.0	9.3	9.3	6.7
87.5°	1.3	1.3	2.7	1.3	1.3	1.3	1.3	1.3	1.3	1.3	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: P879497

CATALOG NUMBER: LD4C75D010 EU4759050 4LBDWWLI

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	3558.3	3558.3	3558.3	3558.3	3558.3	3558.3	3558.3	3558.3	3558.3	3558.3	3558.3
2.5°	3556.9	3555.6	3556.9	3556.9	3558.3	3558.3	3558.3	3556.9	3558.3	3556.9	3556.9
5°	3535.6	3539.6	3542.3	3545.0	3546.3	3547.6	3547.6	3549.0	3550.3	3550.3	3549.0
7.5°	3502.4	3510.4	3518.3	3523.7	3526.3	3529.0	3533.0	3535.6	3538.3	3537.0	3535.6
10°	3458.5	3471.8	3482.4	3493.1	3498.4	3502.4	3509.0	3514.4	3517.0	3518.3	3514.4
12.5°	3395.9	3414.6	3431.9	3449.2	3457.1	3462.5	3475.8	3485.1	3490.4	3490.4	3486.4
15°	3317.4	3344.0	3369.3	3391.9	3405.2	3413.2	3433.2	3446.5	3454.5	3458.5	3451.8
17.5°	3222.9	3253.5	3284.1	3313.4	3326.7	3338.7	3366.6	3385.3	3402.6	3405.2	3397.3
20°	3101.8	3140.4	3175.0	3211.0	3225.6	3244.2	3276.2	3306.8	3333.4	3345.4	3322.7
22.5°	2966.1	3008.7	3040.6	3084.5	3104.5	3124.5	3165.7	3204.3	3250.9	3276.2	3236.2
25°	2825.1	2861.0	2899.6	2942.2	2970.1	2991.4	3039.3	3088.5	3151.1	3188.3	3132.4
27.5°	2673.4	2705.3	2751.9	2798.4	2819.7	2846.3	2903.6	2956.8	3016.7	3049.9	3008.7
30°	2516.3	2556.3	2600.2	2642.8	2673.4	2698.6	2745.2	2790.5	2841.0	2869.0	2838.4
32.5°	2360.6	2399.2	2436.5	2483.1	2500.4	2523.0	2564.2	2602.8	2641.4	2666.7	2630.8
35°	2197.0	2231.6	2266.2	2298.1	2306.1	2332.7	2366.0	2388.6	2407.2	2427.2	2403.2
37.5°	2018.7	2045.3	2062.6	2097.2	2110.5	2114.5	2141.1	2157.1	2177.0	2181.0	2179.7
40°	1837.7	1861.6	1876.3	1897.6	1908.2	1908.2	1926.8	1941.5	1956.1	1957.4	1956.1
42.5°	1668.7	1680.7	1692.6	1705.9	1703.3	1719.3	1727.2	1733.9	1744.5	1744.5	1747.2
45°	1498.4	1507.7	1518.3	1521.0	1531.6	1531.6	1538.3	1540.9	1546.3	1542.3	1536.9
47.5°	1340.0	1344.0	1345.3	1357.3	1360.0	1350.7	1358.6	1360.0	1358.6	1358.6	1356.0
50°	1189.6	1192.3	1191.0	1187.0	1188.3	1192.3	1188.3	1183.0	1185.6	1185.6	1188.3
52.5°	1043.3	1037.9	1035.3	1035.3	1030.0	1030.0	1023.3	1020.6	1019.3	1014.0	1020.6
55°	908.9	900.9	888.9	886.2	882.2	880.9	872.9	866.3	863.6	864.9	863.6
57.5°	779.8	767.8	759.8	757.2	753.2	745.2	735.9	729.2	727.9	725.2	725.2
60°	662.7	649.4	637.4	625.4	626.8	621.4	612.1	608.1	604.1	598.8	602.8
62.5°	556.2	541.6	528.3	516.3	508.3	504.3	497.7	491.0	487.0	483.0	488.4
65°	451.1	439.1	424.5	412.5	408.5	404.5	397.9	387.2	385.9	385.9	388.6
67.5°	356.6	343.3	330.0	322.0	316.7	311.4	308.7	303.4	299.4	296.7	298.1
70°	274.1	260.8	250.2	242.2	238.2	236.9	227.5	226.2	224.9	223.6	222.2
72.5°	199.6	189.0	179.6	174.3	169.0	165.0	162.3	158.4	157.0	157.0	157.0
75°	137.1	129.1	118.4	111.8	109.1	105.1	101.1	98.5	95.8	97.1	97.1
77.5°	82.5	74.5	67.9	62.5	61.2	57.2	53.2	50.6	46.6	46.6	47.9
80°	45.2	38.6	33.3	29.3	26.6	25.3	21.3	20.0	17.3	16.0	16.0
82.5°	20.0	16.0	13.3	12.0	10.6	9.3	8.0	6.7	6.7	5.3	6.7
85°	6.7	5.3	4.0	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
87.5°	1.3	0.0	0.0	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	0.0	0.0	0.0



TEST NUMBER: P879497

CATALOG NUMBER: LD4C75D010 EU4759050 4LBLDWWLI

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	3558.3	3558.3	3558.3	3558.3	3558.3	3558.3	3558.3	3558.3	3558.3	3558.3	3558.3
2.5°	3555.6	3555.6	3554.3	3554.3	3554.3	3551.6	3551.6	3550.3	3549.0	3547.6	3545.0
5°	3546.3	3545.0	3542.3	3541.0	3539.6	3535.6	3531.7	3529.0	3525.0	3519.7	3517.0
7.5°	3533.0	3529.0	3523.7	3521.0	3517.0	3507.7	3501.0	3494.4	3487.7	3478.4	3467.8
10°	3510.4	3502.4	3494.4	3489.1	3482.4	3470.4	3457.1	3446.5	3431.9	3418.5	3403.9
12.5°	3478.4	3469.1	3453.1	3445.2	3437.2	3419.9	3402.6	3380.0	3360.0	3341.4	3324.1
15°	3438.5	3421.2	3402.6	3391.9	3380.0	3352.0	3325.4	3301.4	3274.8	3252.2	3224.3
17.5°	3380.0	3354.7	3328.1	3316.1	3300.1	3268.2	3236.2	3203.0	3172.4	3144.4	3109.8
20°	3292.1	3264.2	3229.6	3211.0	3197.7	3155.1	3124.5	3087.2	3055.3	3020.7	2982.1
22.5°	3189.7	3151.1	3112.5	3085.9	3071.2	3028.7	2987.4	2954.1	2919.5	2879.6	2851.7
25°	3073.9	3026.0	2979.4	2952.8	2930.2	2884.9	2845.0	2810.4	2767.8	2733.2	2705.3
27.5°	2943.5	2888.9	2834.4	2807.8	2786.5	2737.2	2694.6	2658.7	2617.5	2586.9	2557.6
30°	2787.8	2738.6	2686.7	2665.4	2640.1	2589.5	2540.3	2508.4	2463.1	2431.2	2399.2
32.5°	2593.5	2561.6	2520.3	2491.1	2477.7	2431.2	2389.9	2351.3	2312.7	2287.5	2255.5
35°	2380.6	2352.7	2318.1	2302.1	2284.8	2255.5	2222.3	2189.0	2158.4	2134.4	2105.2
37.5°	2165.0	2137.1	2115.8	2098.5	2087.9	2061.2	2041.3	2016.0	1994.7	1972.1	1956.1
40°	1941.5	1933.5	1910.9	1902.9	1900.2	1871.0	1853.7	1833.7	1820.4	1807.1	1797.8
42.5°	1743.2	1729.9	1712.6	1713.9	1705.9	1690.0	1678.0	1664.7	1655.4	1648.7	1639.4
45°	1547.6	1536.9	1529.0	1535.6	1522.3	1517.0	1507.7	1506.3	1499.7	1487.7	1483.7
47.5°	1361.3	1360.0	1361.3	1357.3	1354.6	1352.0	1353.3	1346.7	1340.0	1336.0	1330.7
50°	1191.0	1192.3	1195.0	1199.0	1189.6	1193.6	1192.3	1191.0	1191.0	1187.0	1189.6
52.5°	1026.0	1027.3	1030.0	1033.9	1035.3	1035.3	1039.3	1041.9	1047.3	1053.9	1053.9
55°	870.3	879.6	884.9	891.6	887.6	895.6	899.5	911.5	915.5	915.5	920.8
57.5°	731.9	741.2	745.2	753.2	755.8	762.5	773.1	779.8	789.1	797.1	805.1
60°	605.5	609.5	620.1	632.1	629.4	645.4	653.4	664.0	676.0	681.3	692.0
62.5°	492.4	497.7	505.7	509.7	519.0	527.0	545.6	556.2	566.9	580.2	590.8
65°	391.2	396.5	404.5	412.5	416.5	428.5	437.8	456.4	465.7	480.4	492.4
67.5°	299.4	307.4	314.0	319.4	322.0	334.0	348.6	356.6	373.9	388.6	397.9
70°	223.6	230.2	238.2	236.9	242.2	251.5	262.1	274.1	287.4	300.7	311.4
72.5°	155.7	162.3	167.7	169.0	174.3	181.0	189.0	198.3	208.9	222.2	236.9
75°	98.5	99.8	105.1	107.8	110.4	118.4	125.1	134.4	143.7	154.4	163.7
77.5°	49.2	53.2	55.9	58.6	59.9	66.5	73.2	81.2	89.2	99.8	109.1
80°	18.6	20.0	24.0	25.3	27.9	31.9	37.3	41.3	47.9	55.9	61.2
82.5°	6.7	8.0	9.3	9.3	10.6	13.3	14.6	18.6	22.6	25.3	27.9
85°	2.7	2.7	2.7	2.7	2.7	4.0	4.0	5.3	6.7	8.0	8.0
87.5°	0.0	0.0	0.0	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	0.0	0.0	0.0



TEST NUMBER: P879497

CATALOG NUMBER: LD4C75D010 EU4759050 4LBLDWWLI

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	3558.3	3558.3	3558.3	3558.3	3558.3	3558.3	3558.3	3558.3
2.5°	3543.6	3543.6	3542.3	3541.0	3541.0	3541.0	3539.6	3539.6
5°	3511.7	3507.7	3506.4	3503.7	3502.4	3501.0	3497.1	3497.1
7.5°	3459.8	3454.5	3450.5	3446.5	3441.2	3437.2	3437.2	3431.9
10°	3390.6	3380.0	3374.6	3369.3	3362.7	3354.7	3352.0	3348.0
12.5°	3306.8	3285.5	3280.2	3270.8	3260.2	3254.9	3245.6	3245.6
15°	3203.0	3180.4	3168.4	3163.1	3149.7	3140.4	3136.4	3125.8
17.5°	3081.9	3064.6	3046.0	3038.0	3023.3	3011.4	3006.0	3004.7
20°	2959.5	2931.5	2919.5	2907.6	2890.3	2879.6	2871.6	2861.0
22.5°	2818.4	2793.1	2775.8	2767.8	2753.2	2734.6	2721.3	2721.3
25°	2669.4	2646.7	2637.4	2620.1	2602.8	2596.2	2580.2	2577.5
27.5°	2527.0	2504.4	2485.7	2476.4	2456.5	2447.1	2433.8	2428.5
30°	2379.3	2352.7	2339.4	2338.0	2314.1	2304.8	2294.1	2288.8
32.5°	2231.6	2208.9	2195.6	2187.7	2177.0	2161.0	2151.7	2146.4
35°	2085.2	2070.6	2058.6	2049.3	2032.0	2024.0	2016.0	2009.3
37.5°	1932.2	1918.9	1913.5	1905.5	1897.6	1882.9	1880.3	1874.9
40°	1784.5	1767.2	1767.2	1761.8	1753.9	1752.5	1748.5	1748.5
42.5°	1630.1	1622.1	1620.8	1622.1	1616.8	1614.1	1610.1	1619.5
45°	1477.1	1481.1	1474.4	1475.7	1473.1	1478.4	1478.4	1483.7
47.5°	1336.0	1330.7	1333.4	1336.0	1340.0	1340.0	1338.7	1337.3
50°	1185.6	1191.0	1196.3	1189.6	1192.3	1193.6	1187.0	1188.3
52.5°	1056.6	1057.9	1061.9	1057.9	1061.9	1060.6	1063.2	1057.9
55°	931.5	931.5	936.8	938.1	939.5	943.5	944.8	948.8
57.5°	810.4	817.0	823.7	822.4	827.7	833.0	829.0	833.0
60°	705.3	710.6	717.2	719.9	723.9	726.6	726.6	729.2
62.5°	598.8	609.5	614.8	620.1	620.1	625.4	630.7	632.1
65°	503.0	515.0	519.0	523.0	525.6	530.9	537.6	536.3
67.5°	412.5	420.5	425.8	428.5	436.5	439.1	444.5	449.8
70°	323.4	334.0	338.0	343.3	350.0	355.3	360.6	363.3
72.5°	247.5	255.5	258.2	263.5	270.1	275.5	278.1	282.1
75°	173.0	186.3	187.6	191.6	196.9	203.6	207.6	206.3
77.5°	114.4	123.8	125.1	130.4	135.7	141.1	142.4	143.7
80°	67.9	73.2	74.5	77.2	81.2	83.8	86.5	89.2
82.5°	31.9	34.6	37.3	37.3	39.9	42.6	42.6	43.9
85°	10.6	10.6	12.0	12.0	13.3	13.3	14.6	13.3
87.5°	1.3	1.3	0.0	1.3	1.3	1.3	1.3	1.3
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)